

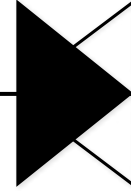


EQUIPMENT PRICE LIST

APRIL 2025



COMMERCIAL REFRIGERATION



ORDERS

All products, except surface coils and parts, are shipped F.O.B. point of shipment with full freight allowed on single orders with a net price value of \$10,000 or more, within the continental USA (excluding Alaska and Hawaii). Buyer will bear all additional costs for special routing or handling requests.



256-259-7400
Customer Service

1-800-288-9488
Equipment Orders

1-855-HTPARTS (1-855-487-2787)
Parts Orders



equipment@htpg.com

parts@htpg.com



Witt.HTPG.com

WARRANTY

The Seller warrants against defect in materials and workmanship in products which it manufactures for (1) year from the date of installation or up to 18 (eighteen) months from the date of shipment, whichever event occurs first, when properly installed and operated under normal use. This guarantee does not include any labor or other charges made outside of the Seller's factory for replacement or repair of defective parts unless specifically stated in the body of the Seller's invoice. On parts not manufactured by HTPG, such as motors, controls, valves and compressors we extend to the Buyer the same warranties made to us by the manufacturer.

The Seller's only liability under this warranty or otherwise shall be the repair or replacement (at Seller's option) of nonconforming goods or parts. Seller assumes no liability for incidental or consequential damages such as injury to persons or property, or lost profits.

Claims must be submitted to our Warranty Group within 90 days of the repair.

To submit a claim, visit <https://www.htpg.com/submit-a-claim/>

VIEW TERMS & WARRANTY

CONTENTS





MODEL NOMENCLATURE

Not all combinations of nomenclature are available. For specific offering, see following pages or consult with one of our sales representatives.

ASL	A	2	5	061	A	D	A
Product Line	Defrost Type	No. of Fans	Fins Per Inch (FPI)	Capacity	Voltage	Motor Type	Vintage
ASL - Slim Temp Display Case	A - Air E - Electric	2 to 6		# x 100 = BTUH	A - 115/1/60 D - 230/1/60	D - Dual Speed EC	

MODELS



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

ASLA/ASLE



BTUH

4,600 to 17,300

STANDARD FEATURES

- ▶ Dual Speed EC Motors
- ▶ Fan motors are permanently lubricated and thermally or electronically protected
- ▶ Electrical connections located at end opposite refrigerant connections for easier installation
- ▶ Air or Electric Defrost models
- ▶ UL/cUL certified for use with multiple refrigerants
- ▶ NSF approved for use in food preparation areas
- ▶ All aluminum low silhouette housing

OPTIONS

- ▶ Protective Russ-Proof* epoxy coil coating extends the life of the coil

AIR DEFROST

Standard Coil				Coated Coil (Russ-Proof*)			
115 V		230 V		115 V		230 V	
Model No.	List Price (\$US)	Model No.	List Price (\$US)	Model No.	List Price (\$US)	Model No.	List Price (\$US)
ASLA25048ADA	6,110	ASLA25048DDA	6,110	ASLA25048ADARP	8,176	ASLA25048DDARP	8,176
ASLA25061ADA	6,289	ASLA25061DDA	6,289	ASLA25061ADARP	8,299	ASLA25061DDARP	8,299
ASLA35073ADA	6,744	ASLA35073DDA	6,744	ASLA35073ADARP	8,936	ASLA35073DDARP	8,936
ASLA45098ADA	8,101	ASLA45098DDA	8,101	ASLA45098ADARP	10,179	ASLA45098DDARP	10,179
ASLA55122ADA	9,495	ASLA55122DDA	9,495	ASLA55122ADARP	11,585	ASLA55122DDARP	11,585
ASLA65158ADA	10,793	ASLA65158DDA	10,793	ASLA65158ADARP	13,033	ASLA65158DDARP	13,033

ELECTRIC DEFROST

Standard Coil	
230 V	
Model No.	List Price (\$US)
ASLE25046DDA	6,537
ASLE25058DDA	6,840
ASLE35070DDA	7,353
ASLE45094DDA	8,820
ASLE55117DDA	10,267
ASLE65150DDA	11,642

FACTORY MOUNTED OPTIONS

Option	List Price Adder (\$US)
Thermostatic Expansion Valve (TXV)	769
Liquid Line Solenoid Valve (LLSV)	557
Mechanical Thermostat	567
Electronic Expansion Valve (EEV)	2,425

SHIPPED-LOOSE OPTIONS

Option	List Price Adder (\$US)
Thermostatic Expansion Valve (TXV)	625
Liquid Line Solenoid Valve (LLSV)	527
Mechanical Thermostat	533

See page 4 for nomenclature

\$78 List Adder for 3-prong Electrical Connector

* Must specify white or black Russ-Proof



MODEL NOMENCLATURE

Not all combinations of nomenclature are available. For specific offering, see following pages or consult with one of our sales representatives.

W	W	6	E	143	E	D	A
Brand	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W - Witt	L - Low Profile U - Low Profile Reverse Connections E - Center Mount V - Low Velocity Center Mount M - Medium Profile H - Heavy Duty Y - Heavy Duty Reverse Connections W - Warehouse Z - Warehouse Reverse Connections	6 FPI 4 FPI	A - Air E - Electric H - Hot Gas 3-Pipe w/Electric Drain Pan K - Hot Gas 3-Pipe w/Hot Gas Drain Pan G - Hot Gas Reverse w/Electric Drain Pan L - Hot Gas Reverse w/Hot Gas Drain Pan	# x 100 = BTUH <i>*multiply by 1,000 for Heavy Duty and Warehouse</i>	A - 115/1/60 D - 230/1/60 E - 208-230/3/60 F - 460/1/60 G - 460/3/60	D - Dual Speed EC T - 3 Phase H - 3 Phase + High-Static (Pressure Prop) Fan Blades	

MODELS



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

NEXT-GEN ALL-TEMP LOW PROFILE

Small to Medium Walk-Ins
Cooler and Freezer Applications



Air Defrost	Electric Defrost	Hot Gas Defrost
4,100 - 45,900	2,700 - 33,000	2,700 - 33,000

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	L	6	E	042	E	D	A
Brand	Connections	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W - Witt	L - Standard U - Reverse	6 FPI 4 FPI	A - Air E - Electric H - Hot Gas 3-Pipe G - Hot Gas Reverse	# x 100 = BTUH	A - 115/1/60 D - 230/1/60 E - 208-230/3/60	D - Dual Speed EC	

PRE-CONFIGURATION CODES²

A	S	L
Refrigerant	Valve	Pre-assembly Code
A - R404A R - EcoNet Approved Refrigerants ³ S - R407A, R448A, R449A/B	O - Sporlan OEV S - Sporlan SER	C - Mounted TXV, LLSV & Electronic Thermostat E - EcoNet 1.0 Control Package ⁴ F - EcoNet 2.0 Control Package ⁴ L - Mounted TXV, LLSV & Mechanical Thermostat ⁵



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

Continued on next page

NEXT-GEN ALL-TEMP LOW PROFILE

Small to Medium Walk-Ins
Cooler and Freezer Applications



BTUH

Air Defrost	Electric Defrost	Hot Gas Defrost
4,100 - 45,900	2,700 - 33,000	2,700 - 33,000

STANDARD FEATURES

- ▶ Textured aluminum construction
- ▶ All units are provided with sweat refrigerant connections
- ▶ All units suitable for use with R404A, R407A, R407C, R407F, R448A, R449A/B
- ▶ Flush ceiling mount with slotted hangers and hinged access end panels
- ▶ Face mounted heaters and fixed defrost termination, fan delay and heater safety controls
- ▶ Dual Speed EC motors are compliant with California Title 24 regulations

OPTIONS

- ▶ Coated aluminum fins
- ▶ EcoNet® Enabled Unit Cooler controller
- ▶ EcoNet Command Center
- ▶ Coated housing
- ▶ Adjustable termination/fan delay control
- ▶ Insulated drain pan

- 1 Refrigerant and electrical connection locations have been changed for the Next-Gen All-Temp design. Standard connections "L" are now opposite of the legacy All-Temp models. Mirror connections "U" are the same end as legacy All-Temp models and are available only as built-to-order base units with no installed options.
 - 2 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.
 - 3 EcoNet approved refrigerants are: R404A, R407A, R407C, R448A, R449A/B, R507A.
 - 4 EcoNet Control Package includes: EEV; suction pressure transducer; suction, entering air coil temp. thermistors; local on-board two-row LCD display and push-button adjustments. (EcoNet replaces TXV, liquid line solenoid valve, room thermostat, defrost termination and fan delay, and time clock.
- EcoNet Control Package is not available in 50 Hz.
- 5 Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical or Electronic Thermostat) are rated for +25°FSS/10°FTD (Air Defrost) and -20°FSS/10°FTD (Electric Defrost).
- CO2 and Glycol Next-Gen All-Temp Unit Coolers available. If required, please contact factory.

NEXT-GEN ALL-TEMP • LOW PROFILE

AIR DEFROST CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI			
	115 V		230 V	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WL6A041ADA	3,165	WL6A041DDA	3,165
	WL6A052ADA	3,250	WL6A052DDA	3,250
	WL6A066ADA	3,773	WL6A066DDA	3,773
2	WL6A073ADA	4,930	WL6A073DDA	4,930
	WL6A094ADA	5,584	WL6A094DDA	5,584
	WL6A117ADA	5,866	WL6A117DDA	5,866
3	WL6A130ADA	6,264	WL6A130DDA	6,264
	WL6A141ADA	7,578	WL6A141DDA	7,578
	WL6A161ADA	8,415	WL6A161DDA	8,415
4	WL6A181ADA	9,171	WL6A181DDA	9,171
	WL6A195ADA	9,881	WL6A195DDA	9,881
	WL6A235ADA	11,983	WL6A235DDA	11,983
5	WL6A260ADA	13,058	WL6A260DDA	13,058
	WL6A295ADA	14,974	WL6A295DDA	14,974
6	WL6A330ADA	16,072	WL6A330DDA	16,072
	WL6A390ADA	18,045	WL6A390DDA	18,045

EC motors are rated for 50Hz operations. Dual Speed EC motors are compliant with California Title 24 regulations. Dual Speed motor operation employs a relay to control motor speed • Reverse Connections (U) are available at no charge and cannot be ordered with any factory mounted options.

AIR DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)								
	TXV	EEV ¹	EcoNet 2.0 Control Package w/ Sporlan OEV	EcoNet 2.0 Control Package w/ Sporlan SER	KE2 Evaporator Defrost Control Package ²	LLSV ³	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	769	2,472	3,180	3,363	6,937	557	567	850	999
2	769	2,472	3,180	3,363	6,937	557	567	850	1,262
3	769	2,472	3,180	3,363	6,937	557	567	850	1,532
4	769	2,472	3,180	3,363	6,937	557	567	850	1,761
5	769	2,472	3,180	3,363	6,937	646	567	850	2,011
6	1,446	2,472	3,180	3,363	6,937	646	567	850	2,286

NEXT-GEN ALL-TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED⁵ MODELS // CODE C // 115 V

Models include mounted TXV, LLSV, and Electronic Thermostat⁶

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI		
	115 V		
	Model No. R404A	Model No. R407A, R448A, R449A/B	List Price (\$US)
1	WL6A041ADAAC	WL6A041ADASC	5,341
	WL6A052ADAAC	WL6A052ADASC	5,426
	WL6A066ADAAC	WL6A066ADASC	5,949
2	WL6A073ADAAC	WL6A073ADASC	7,106
	WL6A094ADAAC	WL6A094ADASC	7,760
	WL6A117ADAAC	WL6A117ADASC	8,042
	WL6A130ADAAC	WL6A130ADASC	8,440
3	WL6A141ADAAC	WL6A141ADASC	9,754
	WL6A161ADAAC	WL6A161ADASC	10,591
	WL6A181ADAAC	WL6A181ADASC	11,347
4	WL6A195ADAAC	WL6A195ADASC	12,057
	WL6A235ADAAC	WL6A235ADASC	14,159
	WL6A260ADAAC	WL6A260ADASC	15,234
5	WL6A295ADAAC	WL6A295ADASC	17,239
6	WL6A330ADAAC	WL6A330ADASC	19,014
	WL6A390ADAAC	WL6A390ADASC	20,987

AIR DEFROST CONFIGURABLE OPTIONS

- 1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
- 2 KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).
- 3 LLS voltage must match the voltage applied to the motor.

Shipped-Loose Accessories are found on page 27 • Alternative Housing, Coil Coating & Housing Coating options are available. Contact Application Engineering for coated housing or alternate coil coating • ElectroFin, Bronz-Glow and Heresite are available coating options.

AIR DEFROST PRE-CONFIGURED MODELS

- 5 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.
- 6 Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical or Electronic Thermostat) are rated for +25°FSS/10°FDT (Air Defrost) and -20°FSS/10°FDT (Electric Defrost).

NEXT-GEN ALL-TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED¹ MODELS // CODE C // 230 V
 Models include mounted TXV, LLSV, and Electronic Thermostat²

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI		
	230 V		
	Model No. R404A	Model No. R407A, R448A, R449A/B	List Price (\$US)
1	WL6A041DDAAC	WL6A041DDASC	5,341
	WL6A052DDAAC	WL6A052DDASC	5,426
	WL6A066DDAAC	WL6A066DDASC	5,949
2	WL6A073DDAAC	WL6A073DDASC	7,106
	WL6A094DDAAC	WL6A094DDASC	7,760
	WL6A117DDAAC	WL6A117DDASC	8,042
	WL6A130DDAAC	WL6A130DDASC	8,440
3	WL6A141DDAAC	WL6A141DDASC	9,754
	WL6A161DDAAC	WL6A161DDASC	10,591
	WL6A181DDAAC	WL6A181DDASC	11,347
4	WL6A195DDAAC	WL6A195DDASC	12,057
	WL6A235DDAAC	WL6A235DDASC	14,159
	WL6A260DDAAC	WL6A260DDASC	15,234
5	WL6A295DDAAC	WL6A295DDASC	17,239
6	WL6A330DDAAC	WL6A330DDASC	19,014
	WL6A390DDAAC	WL6A390DDASC	20,987

1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.

2 Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical or Electronic Thermostat) are rated for +25°FSST/10°FTD (Air Defrost) and -20°FSST/10°FTD (Electric Defrost).

NEXT-GEN ALL-TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED¹ MODELS // CODE RE // ECONET 1.0 ENABLED
 Models include EcoNet Control Package³

EcoNet 1.0 only available
 while supplies last

DUAL SPEED EC MOTORS - 6 FPI - 115 V		
No. of Fans	EcoNet Control Package^{2,3,4}	
	Model No.	List Price (\$US)
1	WL6A041ADARE	6,345
	WL6A052ADARE	6,430
	WL6A066ADARE	6,953
2	WL6A073ADARE	8,110
	WL6A094ADARE	8,764
	WL6A117ADARE	9,046
	WL6A130ADARE	9,444
3	WL6A141ADARE	10,758
	WL6A161ADARE	11,595
	WL6A181ADARE	12,351
4	WL6A195ADARE	13,061
	WL6A235ADARE	15,163
	WL6A260ADARE	16,238
5	WL6A295ADARE	18,154
6	WL6A330ADARE	19,252
	WL6A390ADARE	21,225

1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.

2 EcoNet approved refrigerants are: R404A, R407A, R407C, R448A, R449A/B, R507A

3 EcoNet Control Package includes: EEV; suction pressure transducer; suction, entering air coil temp. thermistors; local on-board two-row LCD display and push-button adjustments. (EcoNet replaces TXV, liquid line solenoid valve, room thermostat, defrost termination and fan delay, and time clock.)

4 EcoNet Control Package is not available in 50 Hz.

NEXT-GEN ALL-TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED¹ MODELS // CODE RSF // ECONET 2.0 WITH SER VALVE
 Models include EcoNet 2.0 Control Package³

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI - 115 V	
	Model No.	List Price (\$US)
1	WL6A041ADARSF	6,528
	WL6A052ADARSF	6,613
	WL6A066ADARSF	7,136
2	WL6A073ADARSF	8,293
	WL6A094ADARSF	8,947
	WL6A117ADARSF	9,229
	WL6A130ADARSF	9,627
3	WL6A141ADARSF	10,941
	WL6A161ADARSF	11,778
	WL6A181ADARSF	12,534
4	WL6A195ADARSF	13,244
	WL6A235ADARSF	15,346
	WL6A260ADARSF	16,421
5	WL6A295ADARSF	18,337
6	WL6A330ADARSF	19,435
	WL6A390ADARSF	21,408

1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.

2 EcoNet approved refrigerants are: R404A, R407A, R407C, R448A, R449A/B, R507A

3 EcoNet Control Package includes: EEV; suction pressure transducer; suction, entering air coil temp. thermistors; local on-board two-row LCD display and push-button adjustments. (EcoNet replaces TXV, liquid line solenoid valve, room thermostat, defrost termination and fan delay, and time clock.)

4 EcoNet Control Package is not available in 50 Hz.

NEXT-GEN ALL-TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED¹ MODELS // CODE ROF // ECONET 2.0 WITH OEV VALVE
 Models include EcoNet 2.0 Control Package³

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI - 115 V	
	Model No.	List Price (\$US)
1	WL6A041ADAROF	6,345
	WL6A052ADAROF	6,430
	WL6A066ADAROF	6,953
2	WL6A073ADAROF	8,110
	WL6A094ADAROF	8,764
	WL6A117ADAROF	9,046
	WL6A130ADAROF	9,444
3	WL6A141ADAROF	10,758
	WL6A161ADAROF	11,595
	WL6A181ADAROF	12,351
4	WL6A195ADAROF	13,061
	WL6A235ADAROF	15,163
	WL6A260ADAROF	16,238
5	WL6A295ADAROF	18,154
6	WL6A330ADAROF	19,252
	WL6A390ADAROF	21,225

- 1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.
- 2 EcoNet approved refrigerants are: R404A, R407A, R407C, R448A, R449A/B, R507A
- 3 EcoNet Control Package includes: EEV; suction pressure transducer; suction, entering air coil temp. thermistors; local on-board two-row LCD display and push-button adjustments. (EcoNet replaces TXV, liquid line solenoid valve, room thermostat, defrost termination and fan delay, and time clock.)
- 4 EcoNet Control Package is not available in 50 Hz.

NEXT-GEN ALL-TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED¹ MODELS // CODE L
 Models include mounted TXV, LLSV, and Mechanical Thermostat²

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI - 115 V			
	Mounted Components (404)		Mounted Components (High-Glide)	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WL6A041ADAAL	5,058	WL6A041ADASL	5,058
	WL6A052ADAAL	5,143	WL6A052ADASL	5,143
	WL6A066ADAAL	5,666	WL6A066ADASL	5,666
2	WL6A073ADAAL	6,823	WL6A073ADASL	6,823
	WL6A094ADAAL	7,477	WL6A094ADASL	7,477
	WL6A117ADAAL	7,759	WL6A117ADASL	7,759
	WL6A130ADAAL	8,157	WL6A130ADASL	8,157
3	WL6A141ADAAL	9,471	WL6A141ADASL	9,471
	WL6A161ADAAL	10,308	WL6A161ADASL	10,308
	WL6A181ADAAL	11,064	WL6A181ADASL	11,064
4	WL6A195ADAAL	11,774	WL6A195ADASL	11,774
	WL6A235ADAAL	13,876	WL6A235ADASL	13,876
	WL6A260ADAAL	14,951	WL6A260ADASL	14,951
5	WL6A295ADAAL	16,956	WL6A295ADASL	16,956
6	WL6A330ADAAL	18,731	WL6A330ADASL	18,731
	WL6A390ADAAL	20,704	WL6A390ADASL	20,704

1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.

2 Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical Thermostat) are rated for +25°FSS/10°FDT (Air Defrost) and -20°FSS/10°FDT (Electric Defrost).

NEXT-GEN ALL-TEMP • LOW PROFILE

ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 230 V			
	6 FPI		4 FPI	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WL6E035DDA	4,318	WL4E027DDA	4,145
	WL6E042DDA	4,803	WL4E032DDA	4,610
	WL6E049DDA	5,285	WL4E038DDA	5,075
2	WL6E066DDA	6,660	WL4E051DDA	6,392
	WL6E077DDA	7,006	WL4E064DDA	6,728
	WL6E090DDA	7,212	WL4E080DDA	6,924
	WL6E105DDA	8,451	Not Available	
3	WL6E121DDA	9,449	WL4E094DDA	9,068
	WL6E142DDA	10,780	WL4E110DDA	10,351
4	WL6E162DDA	12,645	WL4E125DDA	12,136
	WL6E182DDA	13,953	WL4E141DDA	13,392
5	WL6E200DDA	15,690	WL4E155DDA	15,066
6	WL6E244DDA	18,407	WL4E195DDA	17,671
	WL6E281DDA	20,380	WL4E230DDA	19,564

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Reverse Connections (U) are available at No Charge. Reverse Connection models cannot be ordered with any factory mounted options. • 5 & 6 fan electric defrost models are also available wired for 208-230/3/60. EcoNet is not available on 208-230/3/60 Models.

ELECTRIC DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)									
	TXV	EEV ¹	EcoNet 2.0 Control Package w/ Sporlan OEV	EcoNet 2.0 Control Package w/ Sporlan SER	KE2 Evaporator Defrost Control Package ²	LLSV ³	Mechanical Thermostat	Electronic Thermostat	Adjustable Termination Switch/Fan Delay	Insulated Drain Pan
1	769	2,472	3,180	3,363	6,937	557	567	850	585	999
2	769	2,472	3,180	3,363	6,937	557	567	850	585	1,262
3	769	2,472	3,180	3,363	6,937	557	567	850	585	1,532
4	769	2,472	3,180	3,363	6,937	557	567	850	585	1,761
5	769	2,472	3,180	3,363	6,937	646	567	850	585	2,011
6	1,446	2,472	3,180	3,363	6,937	646	567	850	585	2,286

See notes on next page.

NEXT-GEN ALL-TEMP • LOW PROFILE

ELECTRIC DEFROST PRE-CONFIGURED⁵ MODELS // CODE C

Models include mounted TXV, LLSV, and Electronic Thermostat⁶

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI		
	230 V		
	Model No. R404A	Model No. R407A, R448A, R449A/B	List Price (\$US)
1	WL6E035DDAAC	WL6E035DDASC	6,494
	WL6E042DDAAC	WL6E042DDASC	6,979
	WL6E049DDAAC	WL6E049DDASC	7,461
2	WL6E066DDAAC	WL6E066DDASC	8,836
	WL6E077DDAAC	WL6E077DDASC	9,182
	WL6E090DDAAC	WL6E090DDASC	9,388
	WL6E105DDAAC	WL6E105DDASC	10,627
3	WL6E121DDAAC	WL6E121DDASC	11,625
	WL6E142DDAAC	WL6E142DDASC	12,956
4	WL6E162DDAAC	WL6E162DDASC	14,821
	WL6E182DDAAC	WL6E182DDASC	16,129
5	WL6E200DDAAC	WL6E200DDASC	17,955
6	WL6E244DDAAC	WL6E244DDASC	21,349
	WL6E281DDAAC	WL6E281DDASC	23,322

ELECTRIC DEFROST CONFIGURABLE OPTIONS

- 1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
- 2 KE2 Evaporator Defrost Control Package includes a Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV)
- 3 LLS voltage must match the voltage applied to the motor.

Shipped-Loose Accessories are found on page 27 • Alternative Housing, Coil Coating & Housing Coating options are available. Contact Application Engineering for coated housing or alternate coil coating • ElectroFin, Bronz-Glow and Heresite are available coating options.

ELECTRIC DEFROST PRE-CONFIGURED OPTIONS

- 5 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.
- 6 Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical or Electronic Thermostat) are rated for +25°FSS/10°FDT (Air Defrost) and -20°FSS/10°FDT (Electric Defrost).

NEXT-GEN ALL-TEMP • LOW PROFILE

ELECTRIC DEFROST PRE-CONFIGURED¹ MODELS // CODE RE // ECONET 1.0 ENABLED
 Models include EcoNet Control Package³

EcoNet 1.0 only available
 while supplies last

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI - 230 V	
	Model No.	List Price (\$US)
1	WL6E035DDARE	7,498
	WL6E042DDARE	7,983
	WL6E049DDARE	8,465
2	WL6E066DDARE	9,840
	WL6E077DDARE	10,186
	WL6E090DDARE	10,392
	WL6E105DDARE	11,631
3	WL6E121DDARE	12,629
	WL6E142DDARE	13,960
4	WL6E162DDARE	15,825
	WL6E182DDARE	17,133
5	WL6E200DDARE	18,870
6	WL6E244DDARE	21,587
	WL6E281DDARE	23,560

- 1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.
- 2 EcoNet approved refrigerants are: R404A, R407A, R407C, R448A, R449A/B, R507A.
- 3 EcoNet Control Package includes: EEV; suction pressure transducer; suction, entering air coil temp. thermistors; local on-board two-row LCD display and push-button adjustments. (EcoNet replaces TXV, liquid line solenoid valve, room thermostat, defrost termination and fan delay, and time clock.)
- 4 EcoNet Control Package is not available in 50 Hz.

Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical or Electronic Thermostat) are rated for +25°FSST/10°FTD (Air Defrost) and -20°FSST/10°FTD (Electric Defrost).

NEXT-GEN ALL-TEMP • LOW PROFILE

ELECTRIC DEFROST PRE-CONFIGURED¹ MODELS // CODE RSF // ECONET 2.0 WITH SER VALVE
 Models include EcoNet 2.0 Control Package³

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI - 230 V	
	Model No.	List Price (\$US)
1	WL6E035DDARSF	7,681
	WL6E042DDARSF	8,166
	WL6E049DDARSF	8,648
2	WL6E066DDARSF	10,023
	WL6E077DDARSF	10,369
	WL6E090DDARSF	10,575
	WL6E105DDARSF	11,814
3	WL6E121DDARSF	12,812
	WL6E142DDARSF	14,143
4	WL6E162DDARSF	16,008
	WL6E182DDARSF	17,316
5	WL6E200DDARSF	19,053
6	WL6E244DDARSF	21,770
	WL6E281DDARSF	23,743

1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.

2 EcoNet approved refrigerants are: R404A, R407A, R407C, R448A, R449A/B, R507A.

3 EcoNet Control Package includes: EEV; suction pressure transducer; suction, entering air coil temp. thermistors; local on-board two-row LCD display and push-button adjustments. (EcoNet replaces TXV, liquid line solenoid valve, room thermostat, defrost termination and fan delay, and time clock.)

4 EcoNet Control Package is not available in 50 Hz.

Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical or Electronic Thermostat) are rated for +25°FSS/10°FDT (Air Defrost) and -20°FSS/10°FDT (Electric Defrost).

NEXT-GEN ALL-TEMP • LOW PROFILE

ELECTRIC DEFROST PRE-CONFIGURED¹ MODELS // CODE ROF // ECONET 2.0 WITH OEV VALVE
 Models include EcoNet 2.0 Control Package³

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI - 230 V	
	Model No.	List Price (\$US)
1	WL6E035DDAROF	7,498
	WL6E042DDAROF	7,983
	WL6E049DDAROF	8,465
2	WL6E066DDAROF	9,840
	WL6E077DDAROF	10,186
	WL6E090DDAROF	10,392
	WL6E105DDAROF	11,631
3	WL6E121DDAROF	12,629
	WL6E142DDAROF	13,960
4	WL6E162DDAROF	15,825
	WL6E182DDAROF	17,133
5	WL6E200DDAROF	18,870
6	WL6E244DDAROF	21,587
	WL6E281DDAROF	23,560

1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.

2 EcoNet approved refrigerants are: R404A, R407A, R407C, R448A, R449A/B, R507A.

3 EcoNet Control Package includes: EEV; suction pressure transducer; suction, entering air coil temp. thermistors; local on-board two-row LCD display and push-button adjustments. (EcoNet replaces TXV, liquid line solenoid valve, room thermostat, defrost termination and fan delay, and time clock.)

4 EcoNet Control Package is not available in 50 Hz.

Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical or Electronic Thermostat) are rated for +25°FSST/10°FTD (Air Defrost) and -20°FSST/10°FTD (Electric Defrost).

NEXT-GEN ALL-TEMP • LOW PROFILE

ELECTRIC DEFROST PRE-CONFIGURED¹ MODELS // CODE L

Models include mounted TXV, LLSV, and Mechanical Thermostat²

DUAL SPEED EC MOTORS - 6 FPI - 230 V				
No. of Fans	R404A		R407A, R448A, R449A/B	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WL6E035DDAAL	6,211	WL6E035DDASL	6,211
	WL6E042DDAAL	6,696	WL6E042DDASL	6,696
	WL6E049DDAAL	7,178	WL6E049DDASL	7,178
2	WL6E066DDAAL	8,553	WL6E066DDASL	8,553
	WL6E077DDAAL	8,899	WL6E077DDASL	8,899
	WL6E090DDAAL	9,105	WL6E090DDASL	9,105
	WL6E105DDAAL	10,344	WL6E105DDASL	10,344
3	WL6E121DDAAL	11,342	WL6E121DDASL	11,342
	WL6E142DDAAL	12,673	WL6E142DDASL	12,673
4	WL6E162DDAAL	14,538	WL6E162DDASL	14,538
	WL6E182DDAAL	15,846	WL6E182DDASL	15,846
5	WL6E200DDAAL	17,672	WL6E200DDASL	17,672
6	WL6E244DDAAL	21,066	WL6E244DDASL	21,066
	WL6E281DDAAL	23,039	WL6E281DDASL	23,039

1 Pre-Configuration Codes are used to show common Factory Mounted options. Pre-Configuration Codes are not available for every model. For specific model availability, see the respective Pre-Configuration pricing tables or contact your local Witt sales representative.

2 Models with Pre-configured Mechanical Components (TXV, LLSV and Mechanical or Electronic Thermostat) are rated for +25°FSS/10°FDT (Air Defrost) and -20°FSS/10°FDT (Electric Defrost).

NEXT-GEN ALL-TEMP • LOW PROFILE

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 115 V			
	6 FPI		4 FPI	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WL6G035ADA	4,205	WL4G027ADA	4,035
	WL6G042ADA	4,747	WL4G032ADA	4,556
	WL6G049ADA	5,355	WL4G038ADA	5,144
2	WL6G066ADA	6,431	WL4G051ADA	6,175
	WL6G077ADA	7,119	WL4G064ADA	6,835
	WL6G090ADA	7,546	WL4G080ADA	7,246
	WL6G105ADA	8,846	Not Available	
3	WL6G121ADA	9,288	WL4G094ADA	8,914
	WL6G142ADA	10,871	WL4G110ADA	10,436
4	WL6G162ADA	12,074	WL4G125ADA	11,588
	WL6G182ADA	13,525	WL4G141ADA	12,982
5	WL6G200ADA	14,297	WL4G155ADA	13,726
6	WL6G244ADA	17,313	WL4G195ADA	16,620
	WL6G281ADA	19,280	WL4G230ADA	18,509

No. of Fans	DUAL SPEED EC MOTORS - 230 V			
	6 FPI		4 FPI	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WL6G035DDA	4,299	WL4G027DDA	4,130
	WL6G042DDA	4,857	WL4G032DDA	4,663
	WL6G049DDA	5,481	WL4G038DDA	5,265
2	WL6G066DDA	6,844	WL4G051DDA	6,570
	WL6G077DDA	5,938	WL4G064DDA	7,226
	WL6G090DDA	8,054	WL4G080DDA	7,732
	WL6G105DDA	9,355	Not Available	
3	WL6G121DDA	9,883	WL4G094DDA	9,486
	WL6G142DDA	11,261	WL4G110DDA	10,811
4	WL6G162DDA	12,836	WL4G125DDA	12,323
	WL6G182DDA	14,523	WL4G141DDA	13,940
5	WL6G200DDA	15,198	WL4G155DDA	14,591
6	WL6G244DDA	18,579	WL4G195DDA	17,837
	WL6G281DDA	20,800	WL4G230DDA	19,969

See notes on next page

NEXT-GEN ALL-TEMP • LOW PROFILE

HOT GAS DEFROST CONFIGURABLE OPTIONS

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV ¹	EEV ²	LLSV ³	Mechanical Thermostat	Electronic Thermostat	Adjustable Termination Switch/Fan Delay	Insulated Drain Pan
1	769	2,472	557	567	850	585	999
2	769	2,472	557	567	850	585	1,262
3	769	2,472	557	567	850	585	1,532
4	769	2,472	557	567	850	585	1,761
5	769	2,472	646	567	850	585	2,011
6	1,446	2,472	646	567	850	585	2,286

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater. Hot Gas Drain Pans are not available at this time.

- 1 If ordering a factory mounted TXV with a Hot Gas Defrost Reverse Cycle unit, a factory mounted LLSV must also be ordered. For this option selection, a check valve will also be included.
- 2 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
- 3 LLS voltage must match the voltage applied to the motor.

Consult Factory for Factory Mounted Suction Check Valves • Shipped-Loose Accessories are found on page 27 • Alternative Housing, Coil Coating & Housing Coating options are available. Contact Application Engineering for coated housing or alternate coil coating • ElectroFin, Bronz-Glow and Heresite are available coating options.

All **Hot Gas Reverse Cycle** Unit Coolers require a TXV/LLSV/Check Valve or an EEV

NEXT-GEN ALL-TEMP • LOW PROFILE

HOT GAS DEFROST // 3-PIPE CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 115 V			
	6 FPI		4 FPI	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WL6H035ADA	4,205	WL4H027ADA	4,035
	WL6H042ADA	4,747	WL4H032ADA	4,556
	WL6H049ADA	5,355	WL4H038ADA	5,144
2	WL6H066ADA	6,431	WL4H051ADA	6,175
	WL6H077ADA	7,119	WL4H064ADA	6,835
	WL6H090ADA	7,546	WL4H080ADA	7,246
	WL6H105ADA	8,846	Not Available	
3	WL6H121ADA	9,288	WL4H094ADA	8,914
	WL6H142ADA	10,871	WL4H110ADA	10,436
4	WL6H162ADA	12,074	WL4H125ADA	11,588
	WL6H182ADA	13,525	WL4H141ADA	12,982
5	WL6H200ADA	14,297	WL4H155ADA	13,726
6	WL6H244ADA	17,313	WL4H195ADA	16,620
	WL6H281ADA	19,280	WL4H230ADA	18,509

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater. Hot Gas Drain Pans are not available at this time.

All **Hot Gas Defrost 3-Pipe** Unit Coolers
require a TXV or an EEV

NEXT-GEN ALL-TEMP • LOW PROFILE

HOT GAS DEFROST // 3-PIPE CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 230 V			
	6 FPI		4 FPI	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WL6H035DDA	4,299	WL4H027DDA	4,130
	WL6H042DDA	4,857	WL4H032DDA	4,663
	WL6H049DDA	5,481	WL4H038DDA	5,265
2	WL6H066DDA	6,844	WL4H051DDA	6,570
	WL6H077DDA	7,530	WL4H064DDA	7,226
	WL6H090DDA	8,054	WL4H080DDA	7,732
	WL6H105DDA	9,355	Not Available	
3	WL6H121DDA	9,883	WL4H094DDA	9,486
	WL6H142DDA	11,261	WL4H110DDA	10,811
4	WL6H162DDA	12,836	WL4H125DDA	12,323
	WL6H182DDA	14,523	WL4H141DDA	13,940
5	WL6H200DDA	15,198	WL4H155DDA	14,591
6	WL6H244DDA	18,579	WL4H195DDA	17,837
	WL6H281DDA	20,800	WL4H230DDA	19,969

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater. Hot Gas Drain Pans are not available at this time.

All Hot Gas Defrost 3-Pipe Unit Coolers
require a TXV or an EEV

NEXT-GEN ALL-TEMP • LOW PROFILE

HOT GAS DEFROST CONFIGURABLE OPTIONS

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV ¹	EEV ²	LLSV ³	Mechanical Thermostat	Electronic Thermostat	Adjustable Termination Switch/Fan Delay	Insulated Drain Pan
1	769	2,472	557	567	850	585	999
2	769	2,472	557	567	850	585	1,262
3	769	2,472	557	567	850	585	1,532
4	769	2,472	557	567	850	585	1,761
5	769	2,472	646	567	850	585	2,011
6	1,446	2,472	646	567	850	585	2,286

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater. Hot Gas Drain Pans are not available at this time.

- 1 If ordering a factory mounted TXV with a Hot Gas Defrost Reverse Cycle unit, a factory mounted LLSV must also be ordered. For this option selection, a check valve will also be included.
- 2 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
- 3 LLS voltage must match the voltage applied to the motor.

Consult Factory for Factory Mounted Suction Check Valves • Shipped-Loose Accessories are found on page 27 • Alternative Housing, Coil Coating & Housing Coating options are available. Contact Application Engineering for coated housing or alternate coil coating • ElectroFin, Bronz-Glow and Heresite are available coating options.

All Hot Gas Defrost 3-Pipe Unit Coolers
require a TXV or an EEV

NEXT-GEN ALL-TEMP • LOW PROFILE

Shipped Loose Accessories

CONTROLS & THERMOSTATS

Option Name	Option Description	List Price (\$US)
EcoNet Command Center	EcoNet Command Center for EcoNet Enabled Unit Coolers	1,635
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	533
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	688

VALVES

Option Name	Range	List Price (\$US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,907
	16 to 25 Tons	2,738
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	625
	4 to 9 Tons	890
	10 to 30 Tons	1,566
Liquid Line Solenoid Valve (LLSV)	1/2 thru 3 HP	527
	4 thru 8 HP	589
	9 thru 10 HP	855
	12 thru 15 HP	1,050
	22 HP	1,341

HEAT EXCHANGERS

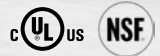
Part No.	Model No.	Length (in)	Liquid Line (in)	Suction Line (in)	List Price (\$US)
HX-25	105065001	12	1/4	1/2	296
HX-50	105065003	13	3/8	5/8	347
HX-75	105065004	14	3/8	7/8	475
HX-100	105065005	14	3/8	1-1/8	605
HX-150	105065006	14	1/2	1-1/8	700

CENTER MOUNT LOW HEIGHT

Small to Medium Walk-Ins
Cooler and Freezer Applications



Air Defrost	Electric Defrost
4,100 - 30,400	3,700 - 32,400



MODEL NOMENCLATURE

W	E	6	A	041	A	D	A
Brand	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W - Witt	E - Center Mount	6 FPI 4 FPI	A - Air E - Electric	# x 100 = BTUH	A - 115/1/60 D - 230/1/60	D - Dual Speed EC	

STANDARD FEATURES

- ▶ Dual Speed EC Motors
- ▶ Extra low height — mounts flush to ceiling
- ▶ Two-way air flow for even air circulation and consistent temperature
- ▶ Electric Defrost models feature independently defrosted coils for optimal defrost performance
- ▶ High efficiency fan guard design and deep draw venturi provide optimal air flow
- ▶ Sloped housing for efficient condensate draining
- ▶ Unique design allows for service in confined spaces
- ▶ Lightweight and durable embossed aluminum housing

OPTIONS

- ▶ Coated aluminum fins
- ▶ EcoNet® Enabled Unit Cooler controller
- ▶ EcoNet Command Center
- ▶ Coated housing
- ▶ Adjustable termination/fan delay control
- ▶ Insulated drain pan



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

CENTER MOUNT • LOW HEIGHT

AIR DEFROST CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI			
	115 V		230 V	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WE6A041ADA	4,187	WE6A041DDA	4,399
2	WE6A070ADA	6,078	WE6A070DDA	6,346
	WE6A084ADA	6,665	WE6A084DDA	6,940
3	WE6A104ADA	7,276	WE6A104DDA	7,607
	WE6A128ADA	9,093	WE6A128DDA	9,440
4	WE6A141ADA	10,025	WE6A141DDA	10,426
	WE6A169ADA	11,543	WE6A169DDA	11,960
5	WE6A204ADA	12,594	WE6A204DDA	13,073
	WE6A258ADA	15,238	WE6A258DDA	17,305

AIR DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package w/ Sporlan OEV	EcoNet 2.0 Control Package w/ Sporlan SER	LLSV ²	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	769	2,472	3,180	3,363	557	567	850	259
2	769	2,472	3,180	3,363	557	567	850	326
3	769	2,472	3,180	3,363	557	567	850	395
4	769	2,472	3,180	3,363	557	567	850	463
5	769	2,472	3,180	3,363	557	567	850	533

AIR DEFROST CONFIGURABLE BASE MODELS

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed.

AIR DEFROST CONFIGURABLE OPTIONS

- 1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
- 2 LLSV voltage must match the voltage applied to the motor.

Shipped-Loose Accessories are found on page 31 • Alternative Housing, Coil Coating & Housing Coating options are available. Contact Application Engineering for coated housing or alternate coil coating. ElectroFin, Bronz-Glow and Heresite are available coating options.

CENTER MOUNT • LOW HEIGHT

ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 4 FPI		No. of Fans	DUAL SPEED EC MOTORS - 6 FPI	
	230 V			230 V	
	Model No.	List Price (\$US)		Model No.	List Price (\$US)
1	WE4E037DDA	6,596	1	WE6E037DDA	6,596
2	WE4E075DDA	9,172	1	WE6E045DDA	8,880
3	WE4E107DDA	12,409	2	WE6E075DDA	9,172
4	WE4E149DDA	15,620	2	WE6E089DDA	11,539
5	WE4E186DDA	17,671	3	WE6E108DDA	12,525
	WE4E234DDA	20,322	3	WE6E125DDA	12,675
			4	WE6E137DDA	15,231
			4	WE6E182DDA	16,117
			5	WE6E221DDA	19,198
				WE6E278DDA	21,550

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed.

EcoNet 1.0 Control Package **no longer available**

ELECTRIC DEFROST CONFIGURABLE OPTIONS

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package w/ Sporlan OEV	EcoNet 2.0 Control Package w/ Sporlan SER	LLSV ²	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	769	2,472	3,180	3,363	557	567	850	259
2	769	2,472	3,180	3,363	557	567	850	326
3	769	2,472	3,180	3,363	557	567	850	395
4	769	2,472	3,180	3,363	557	567	850	463
5	769	2,472	3,180	3,363	557	567	850	533

ELECTRIC DEFROST CONFIGURABLE OPTIONS

- 1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
- 2 LLS voltage must match the voltage applied to the motor.

Shipped-Loose Accessories are found on next page • Alternative Housing, Coil Coating & Housing Coating options are available. Contact Application Engineering for coated housing or alternate coil coating. ElectroFin, Bronz-Glow and Heresite are available coating options.

CENTER MOUNT • LOW HEIGHT

Shipped Loose Accessories

CONTROLS & THERMOSTATS

Option Name	Option Description	List Price (\$US)
EcoNet Command Center	EcoNet Command Center for EcoNet Enabled Unit Coolers	1,635
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	533
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	688

VALVES

Option Name	Range	List Price (\$US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,907
	16 to 25 Tons	2,738
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	625
	4 to 9 Tons	890
	10 to 30 Tons	1,566
Liquid Line Solenoid Valve (LLSV)	1/2 thru 3 HP	527
	4 thru 8 HP	589
	9 thru 10 HP	855
	12 thru 15 HP	1,050
	22 HP	1,341

HEAT EXCHANGERS

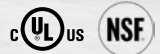
Part No.	Model No.	Length (in)	Liquid Line (in)	Suction Line (in)	List Price (\$US)
HX-25	105065001	12	1/4	1/2	296
HX-50	105065003	13	3/8	5/8	347
HX-75	105065004	14	3/8	7/8	475
HX-100	105065005	14	3/8	1-1/8	605
HX-150	105065006	14	1/2	1-1/8	700

CENTER MOUNT LOW VELOCITY

Small to Medium Walk-Ins
Cooler Applications



Air Defrost	Electric Defrost
4,300 - 32,500	4,300 - 32,500



MODEL NOMENCLATURE

W	V	6	A	043	A	D	A
Brand	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W - Witt	V - Low Velocity Center Mount	6 FPI	A - Air E - Electric	# x 100 = BTUH	A - 115/1/60 D - 230/1/60	D - Dual Speed EC	

STANDARD FEATURES

- ▶ Dual Speed EC Motors
- ▶ Extra low height — mounts flush to ceiling
- ▶ Two-way air flow for even air circulation and consistent temperature
- ▶ Electric Defrost models feature independently defrosted coils for optimal defrost performance
- ▶ High efficiency fan guard design and deep draw venturi provide optimal air flow
- ▶ Sloped housing for efficient condensate draining
- ▶ Unique design allows for service in confined spaces
- ▶ Lightweight and durable embossed aluminum housing

OPTIONS

- ▶ EcoNet® Enabled Unit Cooler Controller
- ▶ EcoNet® Command Center
- ▶ Thermostatic expansion valve (mounted or loose)
- ▶ Liquid line solenoid valve (mounted or loose)
- ▶ Thermostat (mechanical or electronic - mounted or loose)



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

CENTER MOUNT • LOW VELOCITY

CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI					
	Air Defrost				Electric Defrost	
	115 V		230 V		230 V	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WV6A043ADA	6,609	WV6A043DDA	6,871	WV6E043DDA	7,608
	WV6A053ADA	6,844	WV6A053DDA	7,118	WV6E053DDA	7,986
2	WV6A085ADA	7,971	WV6A085DDA	8,291	WV6E085DDA	9,342
	WV6A106ADA	9,776	WV6A106DDA	10,168	WV6E106DDA	11,299
3	WV6A129ADA	11,347	WV6A129DDA	11,802	WV6E129DDA	13,263
	WV6A158ADA	12,731	WV6A158DDA	13,244	WV6E158DDA	14,816
4	WV6A176ADA	15,516	WV6A176DDA	16,137	WV6E176DDA	18,146
	WV6A218ADA	17,546	WV6A218DDA	18,248	WV6E218DDA	20,404
5	WV6A271ADA	19,241	WV6A271DDA	20,012	WV6E271DDA	22,729

CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package w/ Sporlan OEV	EcoNet 2.0 Control Package w/ Sporlan SER	LLSV ²	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	769	2,472	3,180	3,363	557	567	850	259
2	769	2,472	3,180	3,363	557	567	850	326
3	769	2,472	3,180	3,363	557	567	850	395
4	769	2,472	3,180	3,363	557	567	850	463
5	769	2,472	3,180	3,363	557	567	850	533

CONFIGURABLE BASE MODELS

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed.

CONFIGURABLE OPTIONS

- 1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
- 2 LLS voltage must match the voltage applied to the motor.

Shipped-Loose Accessories are found on next page • Alternative Housing, Coil Coating & Housing Coating options are available. Contact Application Engineering for coated housing or alternate coil coating. ElectroFin, Bronz-Glow and Heresite are available coating options.

CENTER MOUNT • LOW VELOCITY

Shipped Loose Accessories

CONTROLS & THERMOSTATS

Option Name	Option Description	List Price (\$US)
EcoNet Command Center	EcoNet Command Center for EcoNet Enabled Unit Coolers	1,635
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	533
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	688

VALVES

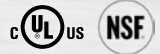
Option Name	Range	List Price (\$US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,907
	16 to 25 Tons	2,738
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	625
	4 to 9 Tons	890
	10 to 30 Tons	1,566
Liquid Line Solenoid Valve (LLSV)	1/2 thru 3 HP	527
	4 thru 8 HP	589
	9 thru 10 HP	855
	12 thru 15 HP	1,050
	22 HP	1,341

HEAT EXCHANGERS

Part No.	Model No.	Length (in)	Liquid Line (in)	Suction Line (in)	List Price (\$US)
HX-25	105065001	12	1/4	1/2	296
HX-50	105065003	13	3/8	5/8	347
HX-75	105065004	14	3/8	7/8	475
HX-100	105065005	14	3/8	1-1/8	605
HX-150	105065006	14	1/2	1-1/8	700

MEDIUM PROFILE

Medium to Large Walk-Ins
Cooler & Freezer Applications in boxes <3,000 sq. ft.



Air Defrost	Electric Defrost	Hot Gas Defrost
4,100 - 45,900	2,700 - 33,000	2,700 - 33,000

MODEL NOMENCLATURE

W	M	6	E	153	A	D	A
Brand	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W - Witt	M - Medium Profile	6 FPI 4 FPI	A - Air D - Medium Temp Electric E - Low Temp Electric H - Hot Gas 3-Pipe G - Hot Gas Reverse Cycle	# x 100 = BTUH	A - 115/1/60 D - 230/1/60 E - 208-230/3/60 F - 460/1/60 G - 460/3/60	D - Dual Speed EC	

STANDARD FEATURES

- ▶ Rail-mounted, energy-efficient Dual Speed EC motors that are compliant with California Title 24 regulations
- ▶ Enhanced copper tube and aluminum fin coil construction
- ▶ High efficiency fan and deep draw venturi for optimal air flow
- ▶ Slide out end panels
- ▶ Easily removable fan guards and modular fan panels
- ▶ Hinged drain pan
- ▶ Face mounted defrost heaters for optimal performance and easy service access
- ▶ Embossed aluminum housing
- ▶ Evaporators AWEF certified for Walk-In Coolers and Freezers in boxes less than 3,000 sq. ft.
- ▶ UL/cUL certified for use with multiple refrigerants
- ▶ NSF approved for use in food preparation areas
- ▶ Available as single through three fan models

OPTIONS

- ▶ EcoNet® Enabled Unit Cooler controller
- ▶ EcoNet Command Center
- ▶ Painted housing
- ▶ Coated Coil
- ▶ Suction/Liquid Heat Exchanger
- ▶ Insulated drain pan



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

MEDIUM PROFILE

AIR DEFROST CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI					
	115/1/60		208-230/1/60		460/1/60	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WM6A182ADA	10,893	WM6A182DDA	11,110	WM6A182FDA	11,765
	WM6A220ADA	13,143	WM6A220DDA	13,405	WM6A220FDA	14,196
2	WM6A276ADA	18,477	WM6A276DDA	18,848	WM6A276FDA	19,956
	WM6A370ADA	23,355	WM6A370DDA	23,822	WM6A370FDA	25,225
	WM6A442ADA	27,093	WM6A442DDA	27,636	WM6A442FDA	29,261
3	WM6A549ADA	32,879	WM6A549DDA	33,538	WM6A549FDA	35,509
	WM6A658ADA	34,636	WM6A658DDA	35,330	WM6A658FDA	37,405

AIR DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	769	2,472	4,413	11,908	1,107	567	850	798
2	1,446	2,472	4,413	11,908	1,107	567	850	1,315
3	1,446	2,472	4,413	11,908	1,377	567	850	1,759

AIR DEFROST CONFIGURABLE BASE MODELS

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed.

AIR DEFROST CONFIGURABLE OPTIONS

- Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
 - KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).
- Shipped-Loose Accessories are found on page 42 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

MEDIUM PROFILE

LOW TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS			
		208-230/1/60		208-230/3/60	
		Model No.	List Price (\$US)	Model No.	List Price (\$US)
6 FPI	1	WM6E153DDA	13,921	WM6E153EDA	14,058
		WM6E184DDA	18,183	WM6E184EDA	18,366
	2	WM6E311DDA	22,838	WM6E311EDA	23,068
		WM6E374DDA	29,460	WM6E374EDA	29,757
	3	<i>Not Available</i>		WM6E469EDA	33,708
		<i>Not Available</i>		WM6E564EDA	36,940
4 FPI	1	WM4E110DDA	13,364	WM4E110EDA	13,498
		WM4E143DDA	17,456	WM4E143EDA	17,633
	2	WM4E232DDA	21,926	WM4E232EDA	22,147
		WM4E288DDA	28,281	WM4E288EDA	28,567
	3	<i>Not Available</i>		WM4E336EDA	32,362
		<i>Not Available</i>		WM4E419EDA	35,467

No. of Fans		DUAL SPEED EC MOTORS			
		460/1/60		460/3/60	
		Model No.	List Price (\$US)	Model No.	List Price (\$US)
6 FPI	1	WM6E153FDA	15,044	WM6E153GDA	15,186
		WM6E184FDA	19,651	WM6E184GDA	19,835
	2	WM6E311FDA	24,682	WM6E311GDA	24,914
		WM6E374FDA	31,839	WM6E374GDA	32,135
	3	WM6E469FDA	36,068	WM6E469GDA	36,404
		WM6E564FDA	39,526	WM6E564GDA	39,897
4 FPI	1	WM4E110FDA	14,444	WM4E110GDA	14,577
		WM4E143FDA	18,867	WM4E143GDA	19,042
	2	WM4E232FDA	23,697	WM4E232GDA	23,917
		WM4E288FDA	30,566	WM4E288GDA	30,851
	3	WM4E336FDA	34,627	WM4E336GDA	34,951
		WM4E419FDA	37,946	WM4E419GDA	38,303

See notes on page 39.

MEDIUM PROFILE

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS			
		208-230/1/60		208-230/3/60	
		Model No.	List Price (\$US)	Model No.	List Price (\$US)
6 FPI	1	WM6D181DDA	13,921	WM6D181EDA	14,058
		WM6D219DDA	18,183	WM6D219EDA	18,366
	2	WM6D275DDA	20,511	WM6D275EDA	20,718
		WM6D369DDA	22,838	WM6D369EDA	23,068
		WM6D441DDA	29,460	WM6D441EDA	29,757
	3	Not Available		WM6D548EDA	33,708
		Not Available		WM6D657EDA	36,940

No. of Fans		DUAL SPEED EC MOTORS			
		460/1/60		460/3/60	
		Model No.	List Price (\$US)	Model No.	List Price (\$US)
6 FPI	1	WM6D181FDA	15,044	WM6D181GDA	15,186
		WM6D219FDA	19,651	WM6D219GDA	19,835
	2	WM6D275FDA	22,166	WM6D275GDA	22,376
		WM6D369FDA	24,682	WM6D369GDA	24,914
		WM6D441FDA	31,839	WM6D441GDA	32,135
	3	WM6D548FDA	36,068	WM6D548GDA	36,404
		WM6D657FDA	39,526	WM6D657GDA	39,897

See notes on next page.

MEDIUM PROFILE

ELECTRIC DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)								
	TXV	EEV ¹	EcoNet 2.0 Control Package	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	725	2,332	4,163	11,234	1,044	535	802	552	753
2	1,364	2,332	4,163	11,234	1,044	535	802	552	1,241
3	1,364	2,332	4,163	11,234	1,299	535	802	552	1,659

ELECTRIC DEFROST CONFIGURABLE BASE MODELS

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed.

ELECTRIC DEFROST CONFIGURABLE OPTIONS

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

2 KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 42 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

Adjustable Deforst Control / Fan Delay Switch is standard on Medium Temp Electric Defrost "D" models.

MEDIUM PROFILE

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS			
		208-230/1/60		460/1/60	
		Model No.	List Price (\$US)	Model No.	List Price (\$US)
6 FPI	1	WM6G153DDA	19,563	WM6G153FDA	21,144
		WM6G184DDA	20,419	WM6G184FDA	22,068
	2	WM6G311DDA	28,791	WM6G311FDA	31,117
		WM6G374DDA	30,655	WM6G374FDA	33,133
	3	WM6G469DDA	37,969	WM6G469FDA	41,037
		WM6G564DDA	41,149	WM6G564FDA	44,477
4 FPI	1	WM4G110DDA	18,781	WM4G110FDA	20,300
		WM4G143DDA	19,602	WM4G143FDA	21,184
	2	WM4G232DDA	27,640	WM4G232FDA	29,874
		WM4G288DDA	29,432	WM4G288FDA	31,808
	3	WM4G336DDA	36,450	WM4G336FDA	39,393
		WM4G419DDA	39,505	WM4G419FDA	42,697

HOT GAS DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)								
	TXV	EEV ¹	EcoNet 2.0 Control Package	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	815	2,620	4,678	12,622	1,173	601	901	620	846
2	1,533	2,620	4,678	12,622	1,173	601	901	620	1,394
3	1,533	2,620	4,678	12,622	1,460	601	901	620	1,865

All Hot Gas Reverse Cycle Unit Coolers require a TXV/LLSV/Check Valve or an EEV

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater.

HOT GAS DEFROST CONFIGURABLE OPTIONS

If ordering a factory mounted TXV with a Hot Gas Defrost Reverse Cycle unit, a factory mounted LLSV must also be ordered. For this option selection, a check valve will also be included.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

Shipped-Loose Accessories are found on page 42 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

MEDIUM PROFILE

HOT GAS DEFROST // 3-PIPE CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS			
		208-230/1/60		460/1/60	
		Model No.	List Price (\$US)	Model No.	List Price (\$US)
6 FPI	1	WM6H153DDA	19,563	WM6H153FDA	21,144
		WM6H184DDA	20,419	WM6H184FDA	22,068
	2	WM6H311DDA	28,791	WM6H311FDA	31,117
		WM6H374DDA	30,655	WM6H374FDA	33,133
	3	WM6H469DDA	37,969	WM6H469FDA	41,037
		WM6H564DDA	41,149	WM6H564FDA	44,477
4 FPI	1	WM4H110DDA	18,781	WM4H110FDA	20,300
		WM4H143DDA	19,602	WM4H143FDA	21,184
	2	WM4H232DDA	27,640	WM4H232FDA	29,874
		WM4H288DDA	29,432	WM4H288FDA	31,808
	3	WM4H336DDA	36,450	WM4H336FDA	39,393
		WM4H419DDA	39,505	WM4H419FDA	42,697

HOT GAS DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)								
	TXV	EEV ¹	EcoNet 2.0 Control Package	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	815	2,620	4,678	12,622	1,173	601	901	620	846
2	1,533	2,620	4,678	12,622	1,173	601	901	620	1,394
3	1,533	2,620	4,678	12,622	1,460	601	901	620	1,865

**All Hot Gas Defrost 3-Pipe Unit Coolers
require a TXV or an EEV**

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater.

HOT GAS DEFROST CONFIGURABLE OPTIONS

If ordering a factory mounted TXV with a Hot Gas Defrost Reverse Cycle unit, a factory mounted LLSV must also be ordered. For this option selection, a check valve will also be included.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

Shipped-Loose Accessories are found on next page • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

MEDIUM PROFILE

Shipped Loose Accessories

CONTROLS & THERMOSTATS

Option Name	Option Description	List Price (\$US)
EcoNet Command Center	EcoNet Command Center for EcoNet Enabled Unit Coolers	1,635
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	533
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	688

VALVES

Option Name	Range	List Price (\$US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,907
	16 to 25 Tons	2,738
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	625
	4 to 9 Tons	890
	10 to 30 Tons	1,566
Liquid Line Solenoid Valve (LLSV)	1/2 thru 3 HP	527
	4 thru 8 HP	589
	9 thru 10 HP	855
	12 thru 15 HP	1,050
	22 HP	1,341

HEAT EXCHANGERS

Part No.	Model No.	Length (in)	Liquid Line (in)	Suction Line (in)	List Price (\$US)
HX-25	105065001	12	1/4	1/2	296
HX-50	105065003	13	3/8	5/8	347
HX-75	105065004	14	3/8	7/8	475
HX-100	105065005	14	3/8	1-1/8	605
HX-150	105065006	14	1/2	1-1/8	700
HX-250	105065007	14	5/8	1-3/8	926
HX-350	105065008	16	5/8	1-5/8	953

HEAVY DUTY

Medium to Large Walk-Ins
Cooler & Freezer Applications
in boxes <3,000 sq. ft.



Air Defrost	Electric Defrost	Hot Gas Defrost
31,200 - 253,100	33,100 - 227,400	33,100 - 227,400

MODEL NOMENCLATURE

W	H	6	E	109	D	D	A
Brand	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W - Witt	H - Heavy Duty Y - Reverse Connections	6 FPI 4 FPI	A - Air D - Medium Temp Electric E - Low Temp Electric H - Hot Gas 3-Pipe K - Hot Gas 3-Pipe + Hot Gas Drain Pan G - Hot Gas Reverse + Electric Drain Pan L - Hot Gas Reverse + Hot Gas Drain Pan	# x 100 = BTUH	D - 230/1/60 E - 208-230/3/60 F - 460/1/60 G - 460/3/60	D - Dual Speed EC	

STANDARD FEATURES

- ▶ Rail-mounted, energy-efficient dual speed EC motors
- ▶ Enhanced copper tube and aluminum fin coil construction
- ▶ High efficiency deep draw venturi for optimal air flow
- ▶ Slide out end panels
- ▶ Easily removable fan guards and modular fan panels
- ▶ Hinged drain pan
- ▶ Face mounted defrost heaters for optimal performance and easy service access
- ▶ Embossed aluminum housing
- ▶ Available as single through four fan models

OPTIONS

- ▶ EcoNet® Enabled Unit Cooler controller
- ▶ EcoNet Command Center
- ▶ Reverse connections
- ▶ Painted housing
- ▶ Coated Coil
- ▶ Suction/Liquid Heat Exchanger
- ▶ Insulated drain pan



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

HEAVY DUTY

AIR DEFROST CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS - 6 FPI			
	208-230/1/60		460/1/60	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WH6A031DDA	27,064	WH6A031FDA	27,605
	WH6A043DDA	29,728	WH6A043FDA	30,323
	WH6A052DDA	31,159	WH6A052FDA	31,780
2	WH6A063DDA	34,721	WH6A063FDA	35,417
	WH6A087DDA	45,426	WH6A087FDA	46,335
	WH6A105DDA	50,981	WH6A105FDA	52,001
3	WH6A132DDA	54,419	WH6A132FDA	55,508
	WH6A156DDA	72,913	WH6A156FDA	74,373
4	WH6A175DDA	84,658	WH6A175FDA	86,352
	WH6A209DDA	94,181	WH6A209FDA	96,068

AIR DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package ²	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	1,446	2,472	8,537	11,908	1,107	567	850	1,177
2	2,205	2,472	8,537	11,908	1,377	567	850	1,565
3	2,205	3,414	8,537	12,850	1,377	567	850	2,014
4	2,205	3,414	8,537	13,057	1,583	567	850	2,314

AIR DEFROST CONFIGURABLE BASE MODELS

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed.

AIR DEFROST CONFIGURABLE OPTIONS

- 1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
- 2 Heavy Duty Unit Coolers with EcoNet will also have a Thru-the-Door Disconnect

KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 53 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

HEAVY DUTY

LOW TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS			
		208-230/3/60		460/3/60	
		Model No.	List Price (\$US)	Model No.	List Price (\$US)
6 FPI	1	WH6E033EDA	30,745	WH6E033GDA	31,362
		WH6E044EDA	36,709	WH6E044GDA	37,442
		WH6E053EDA	39,691	WH6E053GDA	40,484
	2	WH6E066EDA	47,772	WH6E066GDA	48,728
		WH6E089EDA	61,328	WH6E089GDA	62,553
		WH6E109EDA	73,114	WH6E109GDA	74,576
	3	WH6E134EDA	81,066	WH6E134GDA	82,690
		WH6E163EDA	106,234	WH6E163GDA	108,361
4	WH6E199EDA	121,981	WH6E199GDA	124,422	
4 FPI	1	WH4E035EDA	35,240	WH4E035GDA	35,944
		WH4E044EDA	38,100	WH4E044GDA	38,864
	2	WH4E071EDA	58,876	WH4E071GDA	60,051
		WH4E087EDA	70,189	WH4E087GDA	71,592
	3	WH4E107EDA	77,826	WH4E107GDA	79,378
		WH4E131EDA	101,984	WH4E131GDA	104,022
	4	WH4E167EDA	117,102	WH4E167GDA	119,441

ELECTRIC DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package ²	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	1,446	2,472	8,537	11,908	1,107	567	850	1,177
2	2,205	2,472	8,537	11,908	1,377	567	850	1,565
3	2,205	3,414	8,537	12,850	1,377	567	850	2,014
4	2,205	3,414	8,537	13,057	1,583	567	850	2,314

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Shipped-Loose Accessories are found on page 53 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options. • Adjustable Defrost Control / Fan Delay Switch is standard on Medium Temp Electric Defrost "D" models.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

2 Heavy Duty Unit Coolers with EcoNet will also have a Thru-the-Door Disconnect

KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).

HEAVY DUTY

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans	DUAL SPEED EC MOTORS				
	208-230/3/60		460/3/60		
	Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WH6D030EDA	30,745	WH6D030GDA	31,362
		WH6D042EDA	36,709	WH6D042GDA	37,442
		WH6D051EDA	39,691	WH6D051GDA	40,484
	2	WH6D062EDA	47,772	WH6D062GDA	48,728
		WH6D086EDA	61,328	WH6D086GDA	62,553
		WH6D104EDA	73,114	WH6D104GDA	74,576
	3	WH6D130EDA	81,066	WH6D130GDA	82,690
		WH6D155EDA	106,234	WH6D155GDA	108,361
	4	WH6D174EDA	114,107	WH6D174GDA	116,391
		WH6D208EDA	121,981	WH6D208GDA	124,422

ELECTRIC DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package ²	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	1,446	2,472	8,537	11,908	1,107	567	850	1,177
2	2,205	2,472	8,537	11,908	1,377	567	850	1,565
3	2,205	3,414	8,537	12,850	1,377	567	850	2,014
4	2,205	3,414	8,537	13,057	1,583	567	850	2,314

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Shipped-Loose Accessories are found on page 53 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

2 Heavy Duty Unit Coolers with EcoNet will also have a Thru-the-Door Disconnect

KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).

HEAVY DUTY

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS // ELECTRIC DRAIN PAN HEATER				
		208-230/1/60		460/1/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WH6G033DDA	30,436	WH6G033FDA	31,048	
		WH6G044DDA	36,341	WH6G044FDA	37,069	
		WH6G053DDA	39,293	WH6G053FDA	40,079	
	2	WH6G066DDA	47,293	WH6G066FDA	48,240	
		WH6G089DDA	60,713	WH6G089FDA	61,927	
		WH6G109DDA	72,382	WH6G109FDA	73,829	
	3	WH6G134DDA	80,258	WH6G134FDA	81,863	
		WH6G163DDA	105,171	WH6G163FDA	107,274	
	4	WH6G199DDA	120,761	WH6G199FDA	123,173	
	4 FPI	1	WH4G035DDA	34,887	WH4G035FDA	35,586
			WH4G044DDA	37,720	WH4G044FDA	38,474
		2	WH4G071DDA	58,286	WH4G071FDA	59,451
WH4G087DDA			69,484	WH4G087FDA	70,876	
3		WH4G107DDA	77,045	WH4G107FDA	78,585	
		WH4G131DDA	100,962	WH4G131FDA	102,983	
4		WH4G167DDA	115,928	WH4G167FDA	118,249	

**All Hot Gas Reverse Cycle Unit Coolers
require a TXV/LLSV/Check Valve or an EEV**

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater.

HEAVY DUTY

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS // HOT GAS DRAIN PAN HEATER				
		208-230/1/60		460/1/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WH6L033DDA	30,895	WH6L033FDA	31,513	
		WH6L044DDA	36,886	WH6L044FDA	37,626	
		WH6L053DDA	39,886	WH6L053FDA	40,683	
	2	WH6L066DDA	48,004	WH6L066FDA	48,964	
		WH6L089DDA	61,626	WH6L089FDA	62,857	
		WH6L109DDA	73,466	WH6L109FDA	74,936	
	3	WH6L134DDA	81,461	WH6L134FDA	83,091	
		WH6L163DDA	106,748	WH6L163FDA	108,883	
	4	WH6L199DDA	122,571	WH6L199FDA	125,021	
	4 FPI	1	WH4L035DDA	35,411	WH4L035FDA	36,120
			WH4L044DDA	38,287	WH4L044FDA	39,054
		2	WH4L071DDA	59,162	WH4L071FDA	60,341
WH4L087DDA			70,527	WH4L087FDA	71,939	
3		WH4L107DDA	78,204	WH4L107FDA	79,764	
		WH4L131DDA	102,478	WH4L131FDA	104,527	
4		WH4L167DDA	117,670	WH4L167FDA	120,023	

**All Hot Gas Reverse Cycle Unit Coolers
require a TXV/LLSV/Check Valve or an EEV**

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater.

HEAVY DUTY

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE OPTIONS

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	LLSV	Check Valve	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,625	2,777	9,592	13,379	1,243	637	955	1,323
2	2,477	2,777	9,592	13,379	1,548	637	955	1,759
3	2,477	3,836	9,592	14,438	1,548	637	955	2,263
4	2,477	3,836	9,592	14,670	1,779	637	955	2,600

Shipped-Loose Accessories are found on page 53 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

If ordering a factory mounted TXV with a Hot Gas Defrost Reverse Cycle unit, a factory mounted LLSV and Check Valve must also be ordered.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

HEAVY DUTY

HOT GAS DEFROST // 3-PIPE CYCLE CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS // ELECTRIC DRAIN PAN HEATER				
		208-230/1/60		460/1/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WH6H033DDA	30,436	WH6H033FDA	31,048	
		WH6H044DDA	36,341	WH6H044FDA	37,069	
		WH6H053DDA	39,293	WH6H053FDA	40,079	
	2	WH6H066DDA	47,293	WH6H066FDA	48,240	
		WH6H089DDA	60,713	WH6H089FDA	61,927	
		WH6H109DDA	72,382	WH6H109FDA	73,829	
	3	WH6H134DDA	80,258	WH6H134FDA	81,863	
		WH6H163DDA	105,171	WH6H163FDA	107,274	
	4	WH6H199DDA	120,761	WH6H199FDA	123,173	
	4 FPI	1	WH4H035DDA	34,887	WH4H035FDA	35,586
			WH4H044DDA	37,720	WH4H044FDA	38,474
		2	WH4H071DDA	58,286	WH4H071FDA	59,451
WH4H087DDA			69,484	WH4H087FDA	70,876	
3		WH4H107DDA	77,045	WH4H107FDA	78,585	
		WH4H131DDA	100,962	WH4H131FDA	102,983	
4		WH4H167DDA	115,928	WH4H167FDA	118,249	

**All Hot Gas Defrost 3-Pipe Unit Coolers
require a TXV or an EEV**

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater.

HEAVY DUTY

HOT GAS DEFROST // 3-PIPE CYCLE CONFIGURABLE BASE MODELS

No. of Fans		DUAL SPEED EC MOTORS // HOT GAS DRAIN PAN HEATER				
		208-230/1/60		460/1/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WH6K033DDA	30,895	WH6K033FDA	31,513	
		WH6K044DDA	36,886	WH6K044FDA	37,626	
		WH6K053DDA	39,886	WH6K053FDA	40,683	
	2	WH6K066DDA	48,004	WH6K066FDA	48,964	
		WH6K089DDA	61,626	WH6K089FDA	62,857	
		WH6K109DDA	73,466	WH6K109FDA	74,936	
	3	WH6K134DDA	81,461	WH6K134FDA	83,091	
		WH6K163DDA	106,748	WH6K163FDA	108,883	
	4	WH6K199DDA	122,571	WH6K199FDA	125,021	
	4 FPI	1	WH4K035DDA	35,411	WH4K035FDA	36,120
			WH4K044DDA	38,287	WH4K044FDA	39,054
		2	WH4K071DDA	59,162	WH4K071FDA	60,341
WH4K087DDA			70,527	WH4K087FDA	71,939	
3		WH4K107DDA	78,204	WH4K107FDA	79,764	
		WH4K131DDA	102,478	WH4K131FDA	104,527	
4		WH4K167DDA	117,670	WH4K167FDA	120,023	

**All Hot Gas Defrost 3-Pipe Unit Coolers
require a TXV or an EEV**

EC motors are rated for 50Hz operations. Dual speed EC motors are compliant with California Title 24 regulations. Dual speed motor operation employs a relay to control motor speed. • Hot Gas Defrost models feature an Electric Drain Pan Heater.

HEAVY DUTY

HOT GAS DEFROST // 3-PIPE CONFIGURABLE OPTIONS

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	LLSV	Check Valve	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,723	2,944	10,168	14,182	1,318	675	1,012	1,402
2	2,626	2,944	10,168	14,182	1,641	675	1,012	1,865
3	2,626	4,066	10,168	15,304	1,641	675	1,012	2,399
4	2,626	4,066	10,168	15,550	1,886	675	1,012	2,756

Shipped-Loose Accessories are found on next page • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

HEAVY DUTY

Shipped Loose Accessories

CONTROLS & THERMOSTATS

Option Name	Option Description	List Price (\$US)
EcoNet Command Center	EcoNet Command Center for EcoNet Enabled Unit Coolers	1,635
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	533
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	688

VALVES

Option Name	Range	List Price (\$US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,907
	16 to 25 Tons	2,738
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	625
	4 to 9 Tons	890
	10 to 30 Tons	1,566
Liquid Line Solenoid Valve (LLSV)	1/2 thru 3 HP	527
	4 thru 8 HP	589
	9 thru 10 HP	855
	12 thru 15 HP	1,050
	22 HP	1,341

HEAT EXCHANGERS

Part No.	Model No.	Length (in)	Liquid Line (in)	Suction Line (in)	List Price (\$US)
HX-25	105065001	12	1/4	1/2	296
HX-50	105065003	13	3/8	5/8	347
HX-75	105065004	14	3/8	7/8	475
HX-100	105065005	14	3/8	1-1/8	605
HX-150	105065006	14	1/2	1-1/8	700
HX-250	105065007	14	5/8	1-3/8	926
HX-350	105065008	16	5/8	1-5/8	953
HX-500	105065009	17	7/8	2-1/8	1,512
LHX-15	105065010	30	7/8	2-1/8	4,149
LHX-20	105065011	30	1-1/8	2-1/8	4,437
LHX-25	105065012	30	1-1/8	2-5/8	4,752

WAREHOUSE

Medium to Large Walk-Ins
Cooler & Freezer Applications
in boxes >3,000 sq. ft.



Air Defrost	Electric Defrost	Hot Gas Defrost
34,500 - 282,500	36,400 - 246,100	36,400 - 246,100

MODEL NOMENCLATURE

W	W	6	E	143	E	T	A
Brand	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W - Witt	W - Warehouse Z - Reverse Connections	6 FPI 4 FPI	A - Air D - Medium Temp Electric E - Low Temp Electric H - Hot Gas 3-Pipe + Electric Drain Pan K - Hot Gas 3-Pipe + Hot Gas Drain Pan G - Hot Gas Reverse + Electric Drain Pan L - Hot Gas Reverse + Hot Gas Drain Pan	# x 100 = BTUH	E - 208-230/3/60 G - 460/3/60	T - 3 Phase H - 3 Phase + High-Static (Pressure Prop) Fan Blades	

STANDARD FEATURES

- ▶ Rail-mount three-phase motors with standard or high-static pressure prop fan blades
- ▶ Enhanced copper tube and aluminum fin coil construction
- ▶ High efficiency deep draw venturi for optimal air flow
- ▶ Slide out end panels
- ▶ Easily removable fan guards and modular fan panels
- ▶ Hinged drain pan
- ▶ Face mounted defrost heaters for optimal performance and easy service access
- ▶ Embossed aluminum housing
- ▶ Available as single through four fan models

OPTIONS

- ▶ EcoNet® Enabled Unit Cooler controller
 - ▶ EcoNet Command Center
 - ▶ Reverse connections
 - ▶ Painted housing
 - ▶ Coated Coil
 - ▶ Suction/Liquid Heat Exchanger
 - ▶ Insulated drain pan
- DOE AWEF specifications do not apply to boxes over 3,000 square feet

WAREHOUSE

AIR DEFROST CONFIGURABLE BASE MODELS

No. of Fans	THREE-PHASE MOTOR // STANDARD FAN // 6 FPI			
	208-230/3/60		460/3/60	
	Model No.	List Price (\$US)	Model No.	List Price (\$US)
1	WW6A034ETA	20,048	WW6A034GTA	20,450
	WW6A047ETA	22,020	WW6A047GTA	22,460
	WW6A058ETA	23,077	WW6A058GTA	23,538
2	WW6A069ETA	25,718	WW6A069GTA	26,233
	WW6A094ETA	36,342	WW6A094GTA	37,069
	WW6A117ETA	40,784	WW6A117GTA	41,601
3	WW6A143ETA	43,536	WW6A143GTA	44,406
	WW6A176ETA	58,332	WW6A176GTA	59,500
4	WW6A190ETA	67,726	WW6A190GTA	69,083
	WW6A234ETA	75,345	WW6A234GTA	76,852

AIR DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package ²	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	1,446	2,472	8,537	11,908	1,107	567	850	1,177
2	2,205	2,472	8,537	11,908	1,377	567	850	1,565
3	2,205	3,414	8,537	12,850	1,377	567	850	2,014
4	2,205	3,414	8,537	13,057	1,583	567	850	2,314

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

2 Warehouse Unit Coolers with EcoNet will also have a Thru-the-Door Disconnect

KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

WAREHOUSE

LOW TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // STANDARD FAN				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6E036ETA	22,777	WW6E036GTA	23,229	
		WW6E047ETA	27,193	WW6E047GTA	27,735	
		WW6E059ETA	29,400	WW6E059GTA	29,988	
	2	WW6E072ETA	39,809	WW6E072GTA	40,605	
		WW6E096ETA	51,108	WW6E096GTA	52,129	
		WW6E120ETA	60,929	WW6E120GTA	62,147	
	3	WW6E143ETA	67,556	WW6E143GTA	68,910	
		WW6E179ETA	92,378	WW6E179GTA	94,223	
	4	WW6E216ETA	106,069	WW6E216GTA	108,192	
	4 FPI	1	WW4E038ETA	26,103	WW4E038GTA	26,625
			WW4E048ETA	28,224	WW4E048GTA	28,790
		2	WW4E077ETA	49,063	WW4E077GTA	50,045
WW4E097ETA			58,491	WW4E097GTA	59,659	
3		WW4E115ETA	64,855	WW4E115GTA	66,152	
		WW4E145ETA	88,683	WW4E145GTA	90,456	
4		WW4E182ETA	101,826	WW4E182GTA	103,863	

ELECTRIC DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package ²	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	1,446	2,472	8,537	11,908	1,107	567	850	1,177
2	2,205	2,472	8,537	11,908	1,377	567	850	1,565
3	2,205	3,414	8,537	12,850	1,377	567	850	2,014
4	2,205	3,414	8,537	13,057	1,583	567	850	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

2 Warehouse Unit Coolers with EcoNet will also have a Thru-the-Door Disconnect

KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).

WAREHOUSE

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // STANDARD FAN				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6D033ETA	22,777	WW6D033GTA	23,229	
		WW6D046ETA	27,193	WW6D046GTA	27,735	
		WW6D057ETA	29,400	WW6D057GTA	29,988	
	2	WW6D068ETA	39,809	WW6D068GTA	40,605	
		WW6D093ETA	51,108	WW6D093GTA	52,129	
		WW6D116ETA	60,929	WW6D116GTA	62,147	
	3	WW6D142ETA	67,556	WW6D142GTA	68,910	
		WW6D175ETA	92,378	WW6D175GTA	94,223	
	4	WW6D189ETA	99,223	WW6D189GTA	101,208	
		WW6D233ETA	106,069	WW6D233GTA	108,192	
	4 FPI	1	WW4D029ETA	21,864	WW4D029GTA	22,298
			WW4D041ETA	26,103	WW4D041GTA	26,623
WW4D050ETA			28,220	WW4D050GTA	28,787	
2		WW4D060ETA	38,214	WW4D060GTA	38,977	
		WW4D082ETA	49,059	WW4D082GTA	50,039	
		WW4D103ETA	58,486	WW4D103GTA	59,656	
3		WW4D126ETA	64,848	WW4D126GTA	66,147	
		WW4D155ETA	88,673	WW4D155GTA	90,446	
4		WW4D167ETA	95,245	WW4D167GTA	97,150	
		WW4D206ETA	101,815	WW4D206GTA	103,854	

ELECTRIC DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package ²	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	1,446	2,472	8,537	11,908	1,107	567	850	1,177
2	2,205	2,472	8,537	11,908	1,377	567	850	1,565
3	2,205	3,414	8,537	12,850	1,377	567	850	2,014
4	2,205	3,414	8,537	13,057	1,583	567	850	2,314

See notes on previous page.

WAREHOUSE

ELECTRIC DEFROST CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // HIGH-STATIC FAN				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6E036EHA	25,280	WW6E036GHA	25,787	
		WW6E047EHA	30,182	WW6E047GHA	30,786	
		WW6E059EHA	32,636	WW6E059GHA	33,287	
	2	WW6E072EHA	44,189	WW6E072GHA	45,070	
		WW6E096EHA	56,729	WW6E096GHA	57,864	
		WW6E120EHA	67,630	WW6E120GHA	68,983	
	3	WW6E143EHA	74,988	WW6E143GHA	76,489	
		WW6E179EHA	102,536	WW6E179GHA	104,588	
	4	WW6E216EHA	117,737	WW6E216GHA	120,090	
	4 FPI	1	WW4E038EHA	28,973	WW4E038GHA	29,552
			WW4E048EHA	31,329	WW4E048GHA	31,955
		2	WW4E077EHA	54,462	WW4E077GHA	55,549
WW4E097EHA			64,925	WW4E097GHA	66,222	
3		WW4E115EHA	71,988	WW4E115GHA	73,427	
		WW4E145EHA	98,435	WW4E145GHA	100,405	
4		WW4E182EHA	113,026	WW4E182GHA	115,288	

ELECTRIC DEFROST CONFIGURABLE OPTIONS

EcoNet 1.0 Control Package **no longer available**

# OF FANS	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)							
	TXV	EEV ¹	EcoNet 2.0 Control Package ²	KE2 Evaporator Defrost Control Package	LLSV	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan
1	1,446	2,472	8,537	11,908	1,107	567	850	1,177
2	2,205	2,472	8,537	11,908	1,377	567	850	1,565
3	2,205	3,414	8,537	12,850	1,377	567	850	2,014
4	2,205	3,414	8,537	13,057	1,583	567	850	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

2 Warehouse Unit Coolers with EcoNet will also have a Thru-the-Door Disconnect

KE2 Evaporator Control Package includes KE2 OEM control board, Liquid Line Solenoid Valve (LLSV) and Electronic Expansion Valve (EEV).

WAREHOUSE

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans	THREE-PHASE MOTOR // STANDARD FAN // ELECTRIC DRAIN PAN HEATER					
	208-230/3/60		460/3/60			
	Model No.	List Price (\$US)	Model No.	List Price (\$US)		
6 FPI	1	WW6G036ETA	22,548	WW6G036GTA	22,997	
		WW6G047ETA	26,920	WW6G047GTA	27,458	
		WW6G059ETA	29,104	WW6G059GTA	29,688	
	2	WW6G072ETA	39,411	WW6G072GTA	40,201	
		WW6G096ETA	50,595	WW6G096GTA	51,605	
		WW6G120ETA	60,317	WW6G120GTA	61,525	
	3	WW6G143ETA	66,882	WW6G143GTA	68,218	
		WW6G179ETA	91,452	WW6G179GTA	93,284	
	4	WW6G216ETA	105,007	WW6G216GTA	107,107	
	4 FPI	1	WW4G038ETA	25,845	WW4G038GTA	26,362
			WW4G048ETA	27,943	WW4G048GTA	28,500
		2	WW4G077ETA	48,572	WW4G077GTA	49,544
WW4G097ETA			57,906	WW4G097GTA	59,063	
3		WW4G115ETA	64,206	WW4G115GTA	65,490	
		WW4G145ETA	87,796	WW4G145GTA	89,553	
4		WW4G182ETA	100,806	WW4G182GTA	102,822	

All Hot Gas Reverse Cycle Unit Coolers require a TXV/LLSV/Check Valve or an EEV

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

WAREHOUSE

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans	THREE-PHASE MOTOR // STANDARD FAN // HOT GAS DRAIN PAN HEATER					
	208-230/3/60		460/3/60			
	Model No.	List Price (\$US)	Model No.	List Price (\$US)		
6 FPI	1	WW6L036ETA	22,883	WW6L036GTA	23,342	
		WW6L047ETA	27,319	WW6L047GTA	27,871	
		WW6L059ETA	29,545	WW6L059GTA	30,134	
	2	WW6L072ETA	40,004	WW6L072GTA	40,807	
		WW6L096ETA	51,354	WW6L096GTA	52,383	
		WW6L120ETA	61,223	WW6L120GTA	62,451	
	3	WW6L143ETA	67,888	WW6L143GTA	69,246	
		WW6L179ETA	92,828	WW6L179GTA	94,681	
	4	WW6L216ETA	106,583	WW6L216GTA	108,715	
	4 FPI	1	WW4L038ETA	26,230	WW4L038GTA	26,755
			WW4L048ETA	28,357	WW4L048GTA	28,927
		2	WW4L077ETA	49,301	WW4L077GTA	50,287
WW4L097ETA			58,776	WW4L097GTA	59,951	
3		WW4L115ETA	65,171	WW4L115GTA	66,474	
		WW4L145ETA	89,112	WW4L145GTA	90,894	
4		WW4L182ETA	102,320	WW4L182GTA	104,365	

All Hot Gas Reverse Cycle Unit Coolers require a TXV/LLSV/Check Valve or an EEV

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

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WAREHOUSE

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans	THREE-PHASE MOTOR // HIGH-STATIC FAN // ELECTRIC DRAIN PAN HEATER				
	208-230/3/60		460/3/60		
	Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6G036EHA	25,026	WW6G036GHA	25,526
		WW6G047EHA	29,878	WW6G047GHA	30,478
		WW6G059EHA	32,308	WW6G059GHA	32,952
	2	WW6G072EHA	43,746	WW6G072GHA	44,622
		WW6G096EHA	56,162	WW6G096GHA	57,285
		WW6G120EHA	66,955	WW6G120GHA	68,294
	3	WW6G143EHA	74,239	WW6G143GHA	75,725
		WW6G179EHA	101,514	WW6G179GHA	103,546
4	WW6G216EHA	116,559	WW6G216GHA	118,889	
4 FPI	1	WW4G038EHA	28,686	WW4G038GHA	29,259
		WW4G048EHA	31,015	WW4G048GHA	31,636
	2	WW4G077EHA	53,916	WW4G077GHA	54,994
		WW4G097EHA	64,276	WW4G097GHA	65,562
	3	WW4G115EHA	71,270	WW4G115GHA	72,695
		WW4G145EHA	97,453	WW4G145GHA	99,403
	4	WW4G182EHA	111,896	WW4G182GHA	114,133

All Hot Gas Reverse Cycle Unit Coolers require a TXV/LLSV/Check Valve or an EEV

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

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WAREHOUSE

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // HIGH-STATIC FAN // HOT GAS DRAIN PAN HEATER				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6L036EHA	25,402	WW6L036GHA	25,911	
		WW6L047EHA	30,326	WW6L047GHA	30,937	
		WW6L059EHA	32,792	WW6L059GHA	33,448	
	2	WW6L072EHA	44,404	WW6L072GHA	45,292	
		WW6L096EHA	57,004	WW6L096GHA	58,141	
		WW6L120EHA	67,958	WW6L120GHA	69,318	
	3	WW6L143EHA	75,352	WW6L143GHA	76,863	
		WW6L179EHA	103,037	WW6L179GHA	105,098	
	4	WW6L216EHA	118,308	WW6L216GHA	120,675	
	4 FPI	1	WW4L038EHA	29,118	WW4L038GHA	29,701
			WW4L048EHA	31,479	WW4L048GHA	32,108
		2	WW4L077EHA	54,723	WW4L077GHA	55,821
WW4L097EHA			65,240	WW4L097GHA	66,546	
3		WW4L115EHA	72,338	WW4L115GHA	73,784	
		WW4L145EHA	98,914	WW4L145GHA	100,895	
4		WW4L182EHA	113,573	WW4L182GHA	115,847	

All Hot Gas Reverse Cycle Unit Coolers require a TXV/LLSV/Check Valve or an EEV

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

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WAREHOUSE

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // HIGH-STATIC FAN // ELECTRIC DRAIN PAN HEATER				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6G036EHA	25,026	WW6G036GHA	25,526	
		WW6G047EHA	29,878	WW6G047GHA	30,478	
		WW6G059EHA	32,308	WW6G059GHA	32,952	
	2	WW6G072EHA	43,746	WW6G072GHA	44,622	
		WW6G096EHA	56,162	WW6G096GHA	57,285	
		WW6G120EHA	66,955	WW6G120GHA	68,294	
	3	WW6G143EHA	74,239	WW6G143GHA	75,725	
		WW6G179EHA	101,514	WW6G179GHA	103,546	
	4	WW6G216EHA	116,559	WW6G216GHA	118,889	
	4 FPI	1	WW4G038EHA	28,686	WW4G038GHA	29,259
			WW4G048EHA	31,015	WW4G048GHA	31,636
		2	WW4G077EHA	53,916	WW4G077GHA	54,994
WW4G097EHA			64,276	WW4G097GHA	65,562	
3		WW4G115EHA	71,270	WW4G115GHA	72,695	
		WW4G145EHA	97,453	WW4G145GHA	99,403	
4		WW4G182EHA	111,896	WW4G182GHA	114,133	

All Hot Gas Reverse Cycle Unit Coolers require a TXV/LLSV/Check Valve or an EEV

HOT GAS DEFROST // REVERSE CYCLE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

WAREHOUSE

HOT GAS DEFROST // 3-PIPE CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // STANDARD FAN // ELECTRIC DRAIN PAN HEATER				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6H036ETA	22,548	WW6H036GTA	22,997	
		WW6H047ETA	26,920	WW6H047GTA	27,458	
		WW6H059ETA	29,104	WW6H059GTA	29,688	
	2	WW6H072ETA	39,411	WW6H072GTA	40,201	
		WW6H096ETA	50,595	WW6H096GTA	51,605	
		WW6H120ETA	60,317	WW6H120GTA	61,525	
	3	WW6H143ETA	66,882	WW6H143GTA	68,218	
		WW6H179ETA	91,452	WW6H179GTA	93,284	
	4	WW6H216ETA	105,007	WW6H216GTA	107,107	
	4 FPI	1	WW4H038ETA	25,845	WW4H038GTA	26,362
			WW4H048ETA	27,943	WW4H048GTA	28,500
		2	WW4H077ETA	48,572	WW4H077GTA	49,544
WW4H097ETA			57,906	WW4H097GTA	59,063	
3		WW4H115ETA	64,206	WW4H115GTA	65,490	
		WW4H145ETA	87,796	WW4H145GTA	89,553	
4		WW4H182ETA	100,806	WW4H182GTA	102,822	

All Hot Gas Defrost 3-Pipe Unit Coolers require a TXV or an EEV

HOT GAS DEFROST // 3-PIPE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

WAREHOUSE

HOT GAS DEFROST // 3-PIPE CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // STANDARD FAN // HOT GAS DRAIN PAN HEATER				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6K036ETA	22,883	WW6K036GTA	23,342	
		WW6K047ETA	27,319	WW6K047GTA	27,871	
		WW6K059ETA	29,545	WW6K059GTA	30,134	
	2	WW6K072ETA	40,004	WW6K072GTA	40,807	
		WW6K096ETA	51,354	WW6K096GTA	52,383	
		WW6K120ETA	61,223	WW6K120GTA	62,451	
	3	WW6K143ETA	67,888	WW6K143GTA	69,246	
		WW6K179ETA	92,828	WW6K179GTA	94,681	
	4	WW6K216ETA	106,583	WW6K216GTA	108,715	
	4 FPI	1	WW4K038ETA	26,230	WW4K038GTA	26,755
			WW4K048ETA	28,357	WW4K048GTA	28,927
		2	WW4K077ETA	49,301	WW4K077GTA	50,287
WW4K097ETA			58,776	WW4K097GTA	59,951	
3		WW4K115ETA	65,171	WW4K115GTA	66,474	
		WW4K145ETA	89,112	WW4K145GTA	90,894	
4		WW4K182ETA	102,320	WW4K182GTA	104,365	

All Hot Gas Defrost 3-Pipe Unit Coolers require a TXV or an EEV

HOT GAS DEFROST // 3-PIPE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

WAREHOUSE

HOT GAS DEFROST // 3-PIPE CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // HIGH-STATIC FAN // ELECTRIC DRAIN PAN HEATER				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6H036EHA	25,026	WW6H036GHA	25,526	
		WW6H047EHA	29,878	WW6H047GHA	30,478	
		WW6H059EHA	32,308	WW6H059GHA	32,952	
	2	WW6H072EHA	43,746	WW6H072GHA	44,622	
		WW6H096EHA	56,162	WW6H096GHA	57,285	
		WW6H120EHA	66,955	WW6H120GHA	68,294	
	3	WW6H143EHA	74,239	WW6H143GHA	75,725	
		WW6H179EHA	101,514	WW6H179GHA	103,546	
	4	WW6H216EHA	116,559	WW6H216GHA	118,889	
	4 FPI	1	WW4H038EHA	28,686	WW4H038GHA	29,259
			WW4H048EHA	31,015	WW4H048GHA	31,636
		2	WW4H077EHA	53,916	WW4H077GHA	54,994
WW4H097EHA			64,276	WW4H097GHA	65,562	
3		WW4H115EHA	71,270	WW4H115GHA	72,695	
		WW4H145EHA	97,453	WW4H145GHA	99,403	
4		WW4H182EHA	111,896	WW4H182GHA	114,133	

All Hot Gas Defrost 3-Pipe Unit Coolers require a TXV or an EEV

HOT GAS DEFROST // 3-PIPE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

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WAREHOUSE

HOT GAS DEFROST // 3-PIPE CONFIGURABLE BASE MODELS

No. of Fans		THREE-PHASE MOTOR // HIGH-STATIC FAN // HOT GAS DRAIN PAN HEATER				
		208-230/3/60		460/3/60		
		Model No.	List Price (\$US)	Model No.	List Price (\$US)	
6 FPI	1	WW6K036EHA	25,402	WW6K036GHA	25,911	
		WW6K047EHA	30,326	WW6K047GHA	30,937	
		WW6K059EHA	32,792	WW6K059GHA	33,448	
	2	WW6K072EHA	44,404	WW6K072GHA	45,292	
		WW6K096EHA	57,004	WW6K096GHA	58,141	
		WW6K120EHA	67,958	WW6K120GHA	69,318	
	3	WW6K143EHA	75,352	WW6K143GHA	76,863	
		WW6K179EHA	103,037	WW6K179GHA	105,098	
	4	WW6K216EHA	118,308	WW6K216GHA	120,675	
	4 FPI	1	WW4K038EHA	29,118	WW4K038GHA	29,701
			WW4K048EHA	31,479	WW4K048GHA	32,108
		2	WW4K077EHA	54,723	WW4K077GHA	55,821
WW4K097EHA			65,240	WW4K097GHA	66,546	
3		WW4K115EHA	72,338	WW4K115GHA	73,784	
		WW4K145EHA	98,914	WW4K145GHA	100,895	
4		WW4K182EHA	113,573	WW4K182GHA	115,847	

All Hot Gas Defrost 3-Pipe Unit Coolers require a TXV or an EEV

HOT GAS DEFROST // 3-PIPE CONFIGURABLE OPTIONS

No. of Fans	FACTORY MOUNTED OPTIONS // LIST PRICE ADDER (\$US)						
	TXV	EEV ¹	LLSV	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan
1	1,446	2,472	1,107	567	850	585	1,177
2	2,205	2,472	1,377	567	850	585	1,565
3	2,205	3,414	1,377	567	850	585	2,014
4	2,205	3,414	1,583	567	850	585	2,314

Shipped-Loose Accessories are found on page 68 • Alternative Cabinets (Painted or Stainless Steel) and Coil Coating (RussProof, Bronz-Glow & Electrofin) options are available. Contact Application Engineering, or a Sales Representative, if you are interested in these options.

1 Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

WAREHOUSE

Shipped Loose Accessories

CONTROLS & THERMOSTATS

Option Name	Option Description	List Price (\$US)
EcoNet Command Center	EcoNet Command Center for EcoNet Enabled Unit Coolers	1,635
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	533
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	688

VALVES

Option Name	Range	List Price (\$US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,907
	16 to 25 Tons	2,738
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	625
	4 to 9 Tons	890
	10 to 30 Tons	1,566
Liquid Line Solenoid Valve (LLSV)	1/2 thru 3 HP	527
	4 thru 8 HP	589
	9 thru 10 HP	855
	12 thru 15 HP	1,050
	22 HP	1,341

HEAT EXCHANGERS

Part No.	Model No.	Length (in)	Liquid Line (in)	Suction Line (in)	List Price (\$US)
HX-25	105065001	12	1/4	1/2	296
HX-50	105065003	13	3/8	5/8	347
HX-75	105065004	14	3/8	7/8	475
HX-100	105065005	14	3/8	1-1/8	605
HX-150	105065006	14	1/2	1-1/8	700
HX-250	105065007	14	5/8	1-3/8	926
HX-350	105065008	16	5/8	1-5/8	953
HX-500	105065009	17	7/8	2-1/8	1,512
LHX-15	105065010	30	7/8	2-1/8	4,149
LHX-20	105065011	30	1-1/8	2-1/8	4,437
LHX-25	105065012	30	1-1/8	2-5/8	4,752



AIR-COOLED CONDENSING UNITS

MODELS



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

NEXT-GEN MINICON 1/2 TO 6 HP



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

MODEL NOMENCLATURE

W	F	H	150	E	4S	D	A
Brand	Style	Compressor	Horsepower	Temperature	Refrigerant	Voltage	Vintage ¹
W - Witt	E - Center Mount	H - Hermetic O - Scroll		E - Extended Medium L - Low M - Medium	44 - R404A Only 4S - Multiple Refrigerants	D - 230/1/60 E - 208-230/3/60 G - 460/3/60 M - 200-220/1/50 N - 200-220/3/50 Q - 380/3/50	A B

PRE-CONFIGURATION CODE²

NT

Pre-Assembly
Code

NT - No Defrost Timer /Kit³

50 Hz available. Contact Factory for additional information.

- 1 A Vintage has standard PSC motor(s). B Vintage has standard High Efficiency motors.
- 2 Pre-Configuration Codes are used to show common Factory Mounted options and are not available for every model.
- 3 "NT" pre-configuration code is available on Flooded Models with 230/1/60 or 208-230/3/60 voltage.

Continued on next page

NEXT-GEN MINICON

1/2 TO 6 HP



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

STANDARD FEATURES

- ▶ Hermetic or Scroll Compressors
- ▶ All-weather - Galvanized steel painted housing
- ▶ Generously sized high efficiency condenser, enhanced copper tubes/aluminum fins
- ▶ Integral Liquid Sub-cooling Circuit provides sub-cooled liquid to the expansion device
- ▶ Base mounted shut-off valves placed external to cabinet for easy access
- ▶ Liquid line kit with filter/drier and sight glass with moisture indicator
- ▶ Suction line piping
- ▶ Larger electrical panel with hinged/removable door
- ▶ Color coded point-to-point wiring
- ▶ Crankcase heater
- ▶ Refrigerant receiver with isolation valve and pressure relief plug
- ▶ "A" Vintage Units feature PSC Motors, "B" Vintage Units feature High Efficiency Motors
- ▶ Encapsulated high pressure (auto reset) and adjustable low pressure control
- ▶ Electronic defrost timer with defrost contactor/relay on low temperature standard models (2 evaps. maximum)
- ▶ Electronic air defrost timer (Medium temperature standard models only)
- ▶ Flooded models include flooded head pressure control
- ▶ Non-flooded models include mild ambient fan cycle control

OPTIONS

- ▶ Suction Accumulator
- ▶ Oil separator (may not be available with mounted accumulator)
- ▶ Thru-the door fused disconnect for cabinet sizes FM2 through FM4
- ▶ External fused or non-fused disconnect loose or mounted
- ▶ Heated and insulated receiver
- ▶ Oversized receiver
- ▶ Adjustable high/low pressure control
- ▶ Hose option for adjustable pressure control

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FLOODED // HERMETIC COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/1/60			4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	Standard Defrost Provision(s)	List Price (\$US)	
EXTENDED MEDIUM TEMP	FM1	0.50	RST45C1E	WFH055E4SDB	Air Defrost Timer	12,928	217
		0.75	RST55C1E	WFH080E4SDB	Air Defrost Timer	13,037	217
		1.00	RST70C1E	WFH100E4SDB	Air Defrost Timer	14,504	239
	FM2	1.25	RST97C1E	WFH125E4SDB	Air Defrost Timer	15,191	239

NON-FLOODED // HERMETIC COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/1/60			4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	Standard Defrost Provision(s)	List Price (\$US)	
EXTENDED MEDIUM TEMP	FM1	0.50	RST45C1E	WBH055E4SDB	Air Defrost Timer	12,112	217
		0.75	RST55C1E	WBH080E4SDB	Air Defrost Timer	12,271	217
		1.00	RST70C1E	WBH100E4SDB	Air Defrost Timer	13,602	239
	FM2	1.25	RST97C1E	WBH125E4SDB	Air Defrost Timer	14,265	239

FLOODED // HERMETIC COMPRESSOR // NO DEFROST PROVISIONS PRE-CONFIGURED MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and No Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/1/60		4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	List Price (\$US)	
EXTENDED MEDIUM TEMP	FM1	0.50	RST45C1E	WFH055E4SDBNT	12,026	217
		0.75	RST55C1E	WFH080E4SDBNT	12,135	217
		1.00	RST70C1E	WFH100E4SDBNT	13,602	239
	FM2	1.25	RST97C1E	WFH125E4SDBNT	14,289	239

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FLOODED // HERMETIC COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/3/60			4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	Standard Defrost Provision(s)	List Price (\$US)	
EXT. MED TEMP	FM1	1.00	RST70C1E	WFH100E4SEB	Air Defrost Timer	14,341	239
	FM2	1.25	RST97C1E	WFH125E4SEB	Air Defrost Timer	15,020	239

NON-FLOODED // HERMETIC COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/3/60			4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	Standard Defrost Provision(s)	List Price (\$US)	
EXT. MED TEMP	FM1	1.00	RST70C1E	WBH100E4SEB	Air Defrost Timer	13,433	239
	FM2	1.25	RST97C1E	WBH125E4SEB	Air Defrost Timer	14,130	239

FLOODED // HERMETIC COMPRESSOR // NO DEFROST PROVISIONS PRE-CONFIGURED MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and No Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/3/60		4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	List Price (\$US)	
EXT. MED TEMP	FM1	1.00	RST70C1E	WFH100E4SEBNT	13,439	239
	FM2	1.25	RST97C1E	WFH125E4SEBNT	14,118	239

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FLOODED // SCROLL COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/1/60			EC Motor List Price Adder (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)	
				Model No.	Standard Defrost Provision(s)	List Price (\$US)			
MED TEMP	FM1	0.5	ZB06KAE	WFO060M4SDA	Air Defrost Timer	13,460	430	404	
		0.75	ZB07KAE	WFO080M4SDA	Air Defrost Timer	14,214	430	404	
		1.0	ZB08KAE	WFO100M4SDA	Air Defrost Timer	14,479	430	404	
EXTENDED MEDIUM TEMPERATURE	FM2	1.0	ZS09KAE	WFO130E4SDA	Air Defrost Timer	15,330	430	404	
		1.25	ZS11KAE	WFO150E4SDA	Air Defrost Timer	15,433	859	404	
	FM3	1.5	ZS13KAE	WFO180E4SDA	Air Defrost Timer	17,072	859	404	
		2.0	ZS15KAE	WFO200E4SDA	Air Defrost Timer	17,089	859	404	
	FM4	2.5	ZS19KAE	WFO250E4SDA	Air Defrost Timer	17,415	859	404	
		2.8	ZS20KAE	WFO280E4SDA	Air Defrost Timer	18,386	859	404	
		3.0	ZS21KAE	WFO300E4SDA	Air Defrost Timer	18,637	859	530	
		3.5	ZS26KAE	WFO350E4SDA	Air Defrost Timer	20,472	859	530	
		4.0	ZS29KAE	WFO400E4SDA	Air Defrost Timer	20,753	859	549	
		4.5	ZS33KAE	WFO450E4SDA	Air Defrost Timer	22,395	859	549	
	LOW TEMPERATURE	FM1	5.0	ZS38K4E	WFO500E4SDA	Air Defrost Timer	23,430	859	568
			1.0	ZF03KAE	WFO100L4SDA	ED-5	15,514	430	404
1.3			ZF04KAE	WFO130L4SDA	ED-5	16,188	430	404	
FM2		1.5	ZF05KAE	WFO160L4SDA	ED-5	16,915	430	404	
		2.3	ZF07KAE	WFO230L4SDA	ED-7	17,947	859	404	
FM3		2.5	ZF08K4E	WFO250L4SDA	ED-7	19,381	859	404	
		3.0	ZF09K4E	WFO300L4SDA	ED-7	20,074	859	530	
		3.5	ZF11K4E	WFO350L4SDA	ED-10	22,179	859	530	
FM4	4.0	ZF13K4E	WFO400L4SDB	ED-10	24,991	-	549		
	5.0	ZF15K4E	WFO500L4SDB	ED-10	25,824	-	568		

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.
- "-" Not Available

NEXT-GEN MINI-CON • 1/2 TO 6 HP

NON-FLOODED // SCROLL COMPRESSOR // CONFIGURABLE BASE MODELS
Includes Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/1/60			EC Motor List Price Adder (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)	
				Model No.	Standard Defrost Provision(s)	List Price (\$US)			
MED TEMP	FM1	0.5	ZB06KAE	WBO060M4SDB	Air Defrost Timer	12,790	430	404	
		0.75	ZB07KAE	WBO080M4SDB	Air Defrost Timer	13,544	430	404	
		1.0	ZB08KAE	WBO100M4SDB	Air Defrost Timer	13,803	430	404	
EXTENDED MEDIUM TEMPERATURE	FM2	1.0	ZS09KAE	WBO130E4SDB	Air Defrost Timer	14,574	430	404	
		1.25	ZS11KAE	WBO150E4SDA	Air Defrost Timer	14,687	859	404	
	FM3	1.5	ZS13KAE	WBO180E4SDA	Air Defrost Timer	15,987	859	404	
		2.0	ZS15KAE	WBO200E4SDA	Air Defrost Timer	16,272	859	404	
	FM4	2.5	ZS19KAE	WBO250E4SDA	Air Defrost Timer	16,587	859	404	
		2.8	ZS20KAE	WBO280E4SDB	Air Defrost Timer	17,610	859	404	
		3.0	ZS21KAE	WBO300E4SDB	Air Defrost Timer	17,944	859	530	
		3.5	ZS26KAE	WBO350E4SDB	Air Defrost Timer	19,656	859	530	
		4.0	ZS29KAE	WBO400E4SDB	Air Defrost Timer	19,959	859	549	
		4.5	ZS33KAE	WBO450E4SDB	Air Defrost Timer	21,639	859	549	
	LOW TEMPERATURE	FM1	5.0	ZS38K4E	WBO500E4SDB	Air Defrost Timer	22,733	859	568
			1.0	ZF03KAE	WBO100L4SDB	ED-5	14,674	430	404
1.3			ZF04KAE	WBO130L4SDB	ED-5	15,405	430	404	
FM2		1.5	ZF05KAE	WBO160L4SDB	ED-5	16,170	430	404	
		2.3	ZF07KAE	WBO230L4SDA	ED-7	17,245	859	404	
FM3		2.5	ZF08K4E	WBO250L4SDA	ED-7	18,709	859	404	
		3.0	ZF09K4E	WBO300L4SDA	ED-7	19,850	859	530	
		3.5	ZF11K4E	WBO350L4SDA	ED-10	21,441	859	530	
FM4	4.0	ZF13K4E	WBO400L4SDB	ED-10	24,317	-	549		
	5.0	ZF15K4E	WBO500L4SDB	ED-10	25,037	-	568		

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.
- "-" Not Available

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FLOODED // SCROLL COMPRESSOR // NO DEFROST PROVISIONS PRE-CONFIGURED MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and No Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/1/60		4 Yr Compressor Protection Plan (Net Price Adder \$US)	
				Model No.	List Price (\$US)		
MED TEMP	FM1	0.5	ZB06KAE	WFO060M4SDANT	12,558	404	
		0.75	ZB07KAE	WFO080M4SDANT	13,312	404	
		1	ZB08KAE	WFO100M4SDANT	13,577	404	
EXTENDED MEDIUM TEMPERATURE	FM2	1	ZS09KAE	WFO130E4SDANT	14,428	404	
		1.25	ZS11KAE	WFO150E4SDANT	14,531	404	
	FM3	1.5	ZS13KAE	WFO180E4SDANT	16,170	404	
		2	ZS15KAE	WFO200E4SDANT	16,187	404	
	FM4	2.5	ZS19KAE	WFO250E4SDANT	16,513	404	
		2.8	ZS20KAE	WFO280E4SDANT	17,484	404	
		3	ZS21KAE	WFO300E4SDANT	17,735	530	
		3.5	ZS26KAE	WFO350E4SDANT	19,570	530	
		4	ZS29KAE	WFO400E4SDANT	19,851	549	
	LOW TEMPERATURE	FM1	4.5	ZS33KAE	WFO450E4SDANT	21,493	549
			5	ZS38K4E	WFO500E4SDANT	22,528	568
			1	ZF03KAE	WFO100L4SDANT	14,428	404
FM2		1.3	ZF04KAE	WFO130L4SDANT	15,102	404	
		1.5	ZF05KAE	WFO160L4SDANT	15,829	404	
FM3		2.3	ZF07KAE	WFO230L4SDANT	16,861	404	
		2.5	ZF08K4E	WFO250L4SDANT	18,295	404	
		3	ZF09K4E	WFO300L4SDANT	18,988	530	
FM4	3.5	ZF11K4E	WFO350L4SDANT	21,093	530		
	4	ZF13K4E	WFO400L4SDBNT	23,905	549		
		5	ZF15K4E	WFO500L4SDBNT	24,738	568	

• Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.

• An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FLOODED // SCROLL COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/3/60			EC Motor List Price Adder (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)	
				Model No.	Standard Defrost Provision(s)	List Price (\$US)			
MED TEMP	FM1	0.5	ZB06KAE	WFO060M4SEA	Air Defrost Timer	13,620	413	404	
		0.75	ZB07KAE	WFO080M4SEA	Air Defrost Timer	14,588	413	404	
		1.0	ZB08KAE	WFO100M4SEA	Air Defrost Timer	14,761	413	404	
EXTENDED MEDIUM TEMPERATURE	FM2	1.0	ZS09KAE	WFO130E4SEA	Air Defrost Timer	15,285	413	404	
		1.25	ZS11KAE	WFO150E4SEA	Air Defrost Timer	15,537	826	404	
		1.5	ZS13KAE	WFO180E4SEA	Air Defrost Timer	16,790	826	404	
	FM3	2.0	ZS15KAE	WFO200E4SEA	Air Defrost Timer	17,207	826	404	
		2.5	ZS19KAE	WFO250E4SEA	Air Defrost Timer	17,639	826	404	
	FM4	2.8	ZS20KAE	WFO280E4SEA	Air Defrost Timer	18,666	826	404	
		3.0	ZS21KAE	WFO300E4SEA	Air Defrost Timer	18,961	826	530	
		3.5	ZS26KAE	WFO350E4SEA	Air Defrost Timer	20,793	826	530	
		4.0	ZS29KAE	WFO400E4SEA	Air Defrost Timer	21,372	826	549	
		4.5	ZS33KAE	WFO450E4SEA	Air Defrost Timer	21,950	826	549	
		5.0	ZS38K4E	WFO500E4SEA	Air Defrost Timer	23,691	826	568	
	LOW TEMPERATURE	FM1	6.0	ZS45K4E	WFO600E4SEA	Air Defrost Timer	26,287	826	568
			1.0	ZF03KAE	WFO100L4SEA	ED-5	15,720	413	404
			1.3	ZF04KAE	WFO130L4SEA	ED-5	16,407	413	404
		FM2	1.5	ZF05KAE	WFO160L4SEA	ED-5	17,143	413	404
2.3			ZF07KAE	WFO230L4SEA	ED-5	18,192	826	404	
FM3		2.5	ZF08K4E	WFO250L4SEA	ED-6	19,728	826	404	
		3.0	ZF09K4E	WFO300L4SEA	ED-6	20,447	826	530	
		3.5	ZF11K4E	WFO350L4SEA	ED-7	22,431	826	530	
FM4		4.0	ZF13K4E	WFO400L4SEB	ED-7	25,242	-	549	
	5.0	ZF15K4E	WFO500L4SEB	ED-11	25,964	-	568		
	6.0	ZF18K4E	WFO600L4SEB	ED-11	27,471	-	568		

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.
- "-" Not Available

NEXT-GEN MINI-CON • 1/2 TO 6 HP

NON-FLOODED // SCROLL COMPRESSOR // CONFIGURABLE BASE MODELS
Includes Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/3/60			EC Motor List Price Adder (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	Standard Defrost Provision(s)	List Price (\$US)		
MED TEMP	FM1	0.5	ZB06KAE	WBO060M4SEB	Air Defrost Timer	12,944	413	404
		0.75	ZB07KAE	WBO080M4SEB	Air Defrost Timer	13,917	413	404
		1.0	ZB08KAE	WBO100M4SEB	Air Defrost Timer	14,090	413	404
EXTENDED MEDIUM TEMPERATURE	FM2	1.0	ZS09KAE	WBO130E4SEB	Air Defrost Timer	14,594	413	404
		1.25	ZS11KAE	WBO150E4SEA	Air Defrost Timer	14,839	826	404
	FM3	1.5	ZS13KAE	WBO180E4SEA	Air Defrost Timer	15,935	826	404
		2.0	ZS15KAE	WBO200E4SEA	Air Defrost Timer	16,385	826	404
	FM4	2.5	ZS19KAE	WBO250E4SEA	Air Defrost Timer	16,833	826	404
		2.8	ZS20KAE	WBO280E4SEB	Air Defrost Timer	17,891	826	404
		3.0	ZS21KAE	WBO300E4SEB	Air Defrost Timer	18,247	826	530
		3.5	ZS26KAE	WBO350E4SEB	Air Defrost Timer	19,984	826	530
		4.0	ZS29KAE	WBO400E4SEB	Air Defrost Timer	20,577	826	549
		4.5	ZS33KAE	WBO450E4SEB	Air Defrost Timer	21,169	826	549
		5.0	ZS38K4E	WBO500E4SEB	Air Defrost Timer	22,997	826	568
	6.0	ZS45K4E	WBO600E4SEB	Air Defrost Timer	25,380	826	568	
	LOW TEMPERATURE	FM1	1.0	ZF03KAE	WBO100L4SEB	ED-5	14,680	413
1.3			ZF04KAE	WBO130L4SEB	ED-5	15,483	413	404
1.5			ZF05KAE	WBO160L4SEB	ED-5	16,305	413	404
FM2		2.3	ZF07KAE	WBO230L4SEA	ED-5	17,480	826	404
FM3		2.5	ZF08K4E	WBO250L4SEA	ED-6	19,059	826	404
		3.0	ZF09K4E	WBO300L4SEA	ED-6	19,776	826	530
		3.5	ZF11K4E	WBO350L4SEA	ED-7	21,758	826	530
FM4		4.0	ZF13K4E	WBO400L4SEB	ED-7	24,571	-	549
		5.0	ZF15K4E	WBO500L4SEB	ED-11	25,292	-	568
	6.0	ZF18K4E	WBO600L4SEB	ED-11	26,801	-	568	

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.
- "-" Not Available

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FLOODED // SCROLL COMPRESSOR // NO DEFROST PROVISIONS PRE-CONFIGURED MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and No Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	208-230/3/60		4 Yr Compressor Protection Plan (Net Price Adder \$US)	
				Model No.	List Price (\$US)		
MED TEMP	FM1	0.5	ZB06KAE	WFO060M4SEANT	12,718	404	
		0.75	ZB07KAE	WFO080M4SEANT	13,686	404	
		1.0	ZB08KAE	WFO100M4SEANT	13,859	404	
EXTENDED MEDIUM TEMPERATURE	FM2	1.0	ZS09KAE	WFO130E4SEANT	14,383	404	
		1.25	ZS11KAE	WFO150E4SEANT	14,635	404	
		1.5	ZS13KAE	WFO180E4SEANT	15,888	404	
	FM3	2.0	ZS15KAE	WFO200E4SEANT	16,305	404	
		2.5	ZS19KAE	WFO250E4SEANT	16,737	404	
		2.8	ZS20KAE	WFO280E4SEANT	17,764	404	
	FM4	3.0	ZS21KAE	WFO300E4SEANT	18,059	530	
		3.5	ZS26KAE	WFO350E4SEANT	19,891	530	
		4.0	ZS29KAE	WFO400E4SEANT	20,470	549	
		4.5	ZS33KAE	WFO450E4SEANT	21,048	549	
		5.0	ZS38K4E	WFO500E4SEANT	22,789	568	
		6.0	ZS45K4E	WFO600E4SEANT	25,385	568	
	LOW TEMPERATURE	FM1	1.0	ZF03KAE	WFO100L4SEANT	14,634	404
			1.3	ZF04KAE	WFO130L4SEANT	15,321	404
			1.5	ZF05KAE	WFO160L4SEANT	16,057	404
FM2		2.3	ZF07KAE	WFO230L4SEANT	17,106	404	
		2.5	ZF08K4E	WFO250L4SEANT	18,642	404	
FM3		3.0	ZF09K4E	WFO300L4SEANT	19,361	530	
		3.5	ZF11K4E	WFO350L4SEANT	21,345	530	
		4.0	ZF13K4E	WFO400L4SEBNT	24,156	549	
FM4		5.0	ZF15K4E	WFO500L4SEBNT	24,878	568	
	6.0	ZF18K4E	WFO600L4SEBNT	26,385	568		

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FLOODED - SCROLL COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Flooded Head Pressure Control Valve, Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	460/3/60			4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	Standard Defrost Provision(s)	List Price (\$US)	
EXTENDED MEDIUM TEMPERATURE	FM1	1.0	ZS09KAE	WFO130E4SGA	Air Defrost Timer	16,823	404
	FM2	1.25	ZS11KAE	WFO150E4SGA	Air Defrost Timer	17,233	404
		1.5	ZS13KAE	WFO180E4SGA	Air Defrost Timer	18,061	404
	FM3	2.0	ZS15KAE	WFO200E4SGA	Air Defrost Timer	18,266	404
		2.5	ZS19KAE	WFO250E4SGA	Air Defrost Timer	18,524	404
	FM4	2.8	ZS20KAE	WFO280E4SGA	Air Defrost Timer	19,522	404
		3.0	ZS21KAE	WFO300E4SGA	Air Defrost Timer	19,755	530
		3.5	ZS26KAE	WFO350E4SGA	Air Defrost Timer	21,532	530
		4.0	ZS29KAE	WFO400E4SGA	Air Defrost Timer	22,380	549
		4.5	ZS33KAE	WFO450E4SGA	Air Defrost Timer	24,161	549
		5.0	ZS38K4E	WFO500E4SGA	Air Defrost Timer	24,423	568
	LOW TEMPERATURE	FM2	2.3	ZF07KAE	WFO230L4SGA	ED-17	19,732
FM3		2.5	ZF08K4E	WFO250L4SGA	ED-17	21,271	404
		3.0	ZF09K4E	WFO300L4SGA	ED-17	21,635	530
		3.5	ZF11K4E	WFO350L4SGA	ED-17	23,167	530
FM4		4.0	ZF13K4E	WFO400L4SGB	ED-17	25,597	549
		5.0	ZF15K4E	WFO500L4SGB	ED-17	26,392	568
		6.0	ZF18K4E	WFO600L4SGB	ED-17	27,913	568

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

NON-FLOODED // SCROLL COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Liquid Line Kit with Filter/Drier, Sight Glass with Moisture Indicator and Defrost Provisions

	Cabinet Size	Nom. H.P.	Compressor Model No.	460/3/60			4 Yr Compressor Protection Plan (Net Price Adder \$US)
				Model No.	Standard Defrost Provision(s)	List Price (\$US)	
EXTENDED MEDIUM TEMPERATURE	FM2	1.25	ZS11KAE	WBO150E4SGA	Air Defrost Timer	16,535	404
		1.5	ZS13KAE	WBO180E4SGA	Air Defrost Timer	17,288	404
	FM3	2.0	ZS15KAE	WBO200E4SGA	Air Defrost Timer	17,491	404
		2.5	ZS19KAE	WBO250E4SGA	Air Defrost Timer	17,750	404
	FM4	2.8	ZS20KAE	WBO280E4SGB	Air Defrost Timer	18,784	404
		3.0	ZS21KAE	WBO300E4SGB	Air Defrost Timer	19,083	530
		3.5	ZS26KAE	WBO350E4SGB	Air Defrost Timer	20,751	530
		4.0	ZS29KAE	WBO400E4SGB	Air Defrost Timer	21,658	549
		4.5	ZS33KAE	WBO450E4SGB	Air Defrost Timer	23,208	549
		5.0	ZS38K4E	WBO500E4SGB	Air Defrost Timer	23,681	568
		6.0	ZS45K4E	WBO600E4SGB	Air Defrost Timer	26,246	568
LOW TEMPERATURE	FM2	2.3	ZF07KAE	WBO230L4SGA	ED-17	18,630	404
	FM3	2.5	ZF08K4E	WBO250L4SGA	ED-17	20,208	404
		3.0	ZF09K4E	WBO300L4SGA	ED-17	20,868	530
	FM4	3.5	ZF11K4E	WBO350L4SGA	ED-17	22,496	530
		4.0	ZF13K4E	WBO400L4SGB	ED-17	24,927	549
		5.0	ZF15K4E	WBO500L4SGB	ED-17	25,719	568
		6.0	ZF18K4E	WBO600L4SGB	ED-17	27,241	568

- Factory Mounted Options are found on pages 82-83 & Shipped-Loose Accessories are found on page 83.
- An Electric Defrost Kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature models are used for low temperature applications.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FACTORY INSTALLED OPTIONS // GENERAL

Option Description	Cabinet Size	List Price Adder (\$US)	
		Medium Temp	Low Temp
Crankcase Heater	ALL	STANDARD	
Fixed High/Adjustable Low Pressure Control	ALL	STANDARD	
Adjustable High/Adjustable Low Pressure Control	ALL	633	
Adjustable Head Pressure Control Valve	FM1-FM3	538	
Liquid Line With Components: Sealed Filter	ALL	STANDARD	
Liquid Line Without Components: Pipe Only	FM1	(483)	
	FM2 - FM4	(573)	
Liquid Line with Premium Components: Replaceable Core Filter/Drier ¹	FM4	933	
Suction Line Components: Sealed Filter	FM1	605	
	FM2 - FM4	721	
Suction Line Components: Replaceable Core Filter ¹	FM4	2,122	
	FM1	934	
Suction Line Accumulator	FM2 - FM4	1,441	
	FM4	2,292	
Oil Separator	FM1	774	
	FM2	922	
Over-Sized Receiver	FM3	2,205	
	FM4	2,262	
	ALL	597	
Compressor Pump-down Switch	ALL	597	
Heated & Insulated Receiver (temperature controlled with low pressure bypass timer)	ALL	1,264	
Phase Loss Monitor [^]	ALL	2,072	
Copper Fins Or Electro Fin Coated Coil	ALL	CONTACT FACTORY	
Thru The Door - Non - Fused - Disconnect Switch	FM1 - FM2	888	
	FM3 - FM4	1,181	
External Fused Disconnect (Mounted)	FM1 - FM2	999	
	FM3 - FM4	1,841	
Variable Speed EC Motors & Controller	FM1	1,803	1,965
	FM2	2,454	2,674
	FM3	2,738	2,984
	FM4	1,991	2,171

¹ If ordering a Replaceable Core Suction Filter, a Replaceable Core Line Liquid Filter must also be ordered. If ordering a Replaceable Core Liquid Line Filter, a Replaceable Core Suction Filter must also be ordered.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FACTORY INSTALLED OPTIONS // COMMON DEFROST COMPONENTS

"-" Not Available

Option Description	Cabinet Size	List Price Adder (\$US)	
		Medium Temp	Low Temp
Standard (Electronic) Air Defrost Timer*	ALL	STANDARD	-
Remove Standard Air Defrost Timer	ALL	(902)	-
Standard Defrost Kit (ED5 - ED11)	ALL	-	STANDARD
Substitute Standard Air Defrost Timer For Standard Defrost Kit (ED5-ED11)	ALL	184	-
Remove Standard Defrost Kit	ALL	-	(1,086)

Negative numbers (in parentheses) represent the price to be deducted from base price if a standard feature is removed.

^ Only available on units that are 3 Phase.

* Standard Electronic Air Defrost Timer can be substituted with Mechanical Air Defrost Timer at no charge.

Defrost Kit Descriptions & Additional Defrost Kit Options available on pages 84-86.

SHIPPED-LOOSE ACCESSORIES

Option Description	Cabinet Size	List Price Adder (\$US)
Crankcase Pressure Regulating Valve	ALL	CONTACT FACTORY
External Fused Disconnect	FM4	1,688
Two-Tiered Stacking Rack	ALL	CONTACT FACTORY
Snow / Hail Guards	FM1	691
	FM2	763
	FM3	827
	FM4	1,012
Snow Legs	ALL	461

NEXT-GEN MINI-CON • 1/2 TO 6 HP

ELECTRIC DEFROST KITS - DEFROST KIT NOMENCLATURE

ED	1	2	-	M	48
Kit Designator	Unit Coolers per System	Defrost Kit Identifier		Defrost Heater Phase	Defrost Heater Voltage
	1, 2, or 3			A - 1 Phase Fan Motor(s), 1 Phase Heater(s) B - 1 Phase Fan Motor(s), 3 Phase Heaters(s) C - 3 Phase Fan Motor(s), 3 Phase Heater(s)	2 - 208-230 4 - 460

ELECTRIC DEFROST KITS - DESCRIPTIONS

The MiniCon Electric Defrost System provides unique features that other defrost systems lack. These energy saving features are as follows:

- The auxiliary switch on 3 phase systems and block-out relays on 1 phase systems prevents the defrost heaters from energizing when the compressor is in operation. This features holds the maximum amp draw to the largest single load that the system will draw, and therefore reduces the electrical service requirement to the condensing unit.
- On multiple evaporator systems, individual defrost contactors are used in conjunction with sequencing relays* to allow each evaporator to terminate defrost independently. This efficient method of defrost saves electricity, and reduces the potential of overheating and steaming the evaporators. In addition, the amount of heat added to the room is kept to a minimum, reducing the run time of the condensing unit.

ELECTRIC DEFROST KITS - DEFINITIONS

- **Timer** - Initiates the defrost cycle. Also used as override protection for defrost termination.
- **Auxiliary Switch** - Mounted on the compressor contactor, it prevents the defrost contactor from operating whenever the compressor is energized.
- **Block-out Relay** - Serves the same function as auxiliary switch, except used when defrost contactor is not required (single phase only).
- **Fan Contactor** - Used with 460 V motors or when 230 V motors are wired for 3 phase power.
- **Defrost Contactor** - Carries amperage load for heaters. Contactor selection is based on the maximum resistive load rating of the contactor.
- **Relays** - Provides interconnection of multiple unit coolers on a single system so that each unit cooler is allowed to individually terminate defrost on temperature.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

ELECTRIC DEFROST KITS // KIT NUMBERS

Kit No.	Timer	Auxiliary Relays	Block-out Relays	† Defrost Heater Contactor (1)	‡ Fan Contactor	Sequencing Relay
ED-5	1	-	1-15A	-	-	-
ED-6	1	-	1-20A	-	-	-
ED-7	1	-	1-25A	-	-	-
ED-10	1	-	1-30A	-	-	-
ED-20	1	-	1-30A	-	-	2
ED-210	1	-	1-30A	-	-	-
ED-17	1	1	-	1-15A	1-25A	-
ED-11	1	1	-	1-30A	-	-
ED-12	1	1	-	1-30A	1-25A	-
ED-14	1	1	-	1-50A	1-25A	-
ED-211	1	1	-	1-30A	-	-
ED-213	1	1	-	1-50A	-	-
ED-21	1	1	-	2-15A	-	2
ED-22	1	1	-	2-15A	1-25A	2
ED-23	1	1	-	2-25A	-	2
ED-24	1	1	-	2-25A	1-25A	2

SINGLE POINT POWER

Amps	List Price (\$US)
30A	650
60A	851

* Except for ED-210, ED-211, ED-213

† Heater contactor amperage is based on its resistive rating.

‡ Fan motor contactor amperage is based on its inductive rating.

NEXT-GEN MINI-CON • 1/2 TO 6 HP

ELECTRIC DEFROST KITS // PRICING

Quantity of Unit Coolers Per System	Description	DEFROST KIT NO.				List Price Adder (Only Available Mounted)
		1 PH. FANS 1 PH. HTRS	1 PH. FANS 3 PH. HTRS	230 V	460 V	
				3 PH. FANS 3 PH. HTRS	3 PH. FANS 3 PH. HTRS	
DEFROST KITS WHEN THE EVAPORATOR FAN MOTORS ARE WIRED FOR 230/1						
1	Up to 15 Amps Heater (w/ relay)	ED5-A2	-	-	-	1,087
	20 Amps Heater (w/ relay)	ED6-A2	-	-	-	1,087
	25 Amps Heater (w/ relay)	ED7-A2	-	-	-	1,087
	Up to 30 Amps Heater (w/ relay)	ED10-A2	-	-	-	1,087
	30 Amps - Heater (w/ contactors)	-	ED11-B2	-	-	1,087
2	Up to 30 Amps Heater (w/ relay)	ED210-A2	-	-	-	1,184
	30 Amps Heater	ED211-A2	ED211-B2	-	-	1,184
	50 Amps Heater	ED213-A2	ED213-B2	-	-	2,377
	Up to 15 Amps Heaters each (w/ relays)	ED20-A2	-	-	-	3,392
	15 Amps Heaters each	ED21-A2	ED21-B2	-	-	3,392
	25 Amps Heaters each (w/relays)	ED23-A2	-	-	-	3,487
	25 Amps Heaters each (w/contactors)	-	ED23-B2	-	-	3,487
DEFROST KITS WHEN THE EVAPORATOR FAN MOTORS ARE WIRED FOR 230/3, 460/3, OR 460/1.						
1	Up to 25 Amps Heater	ED17-A4	-	-	-	1,087
	30 Amps Heater	ED12-A4	ED12-BX	ED12-C2	ED12-C4	2,476
	50 Amps Heater	-	ED14-BX	ED14-C2	ED14-C4	2,898
2	Up to 15 Amps Heaters per Unit Cooler	-	ED22-BX	ED22-C2	ED22-C4	4,166
	25 Amps Heaters per Unit Cooler	-	ED24-BX	ED24-C2	ED24-C4	4,166
NOTE: Defrost Kits are only available factory mounted and cannot be shipped loose.						

NEXT-GEN II 3 TO 22 HP



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

MODEL NOMENCLATURE

W	F	D	S	04	M	4S	E	A
Brand	Style	Compressor	Compressor Configuration	Horsepower	Temperature	Refrigerant	Voltage	Vintage [^]
W - Witt	F - Flooded B - Non-Flooded	D - Discus O - Scroll B - Bitzer	S - Single		E - Extended Medium L - Low M - Medium	4S - Multiple Refrigerants	E - 208-230/3/60 G - 460/3/60 N - 200-220/3/50 Q - 380/3/50	A B

50 Hz available. Contact Factory for additional information.

[^] A Vintage has standard PSC motor(s). B Vintage has standard High Efficiency motors. For specific model number vintages, please refer to following price tables or contact factory.

STANDARD FEATURES

- ▶ Copeland Discus™, Copeland Scroll™ or Bitzer Semi-Hermetic Compressor
- ▶ All weather G90 galvanized steel painted enclosure
- ▶ Removable side panels for ease of service
- ▶ Generously sized high efficiency condenser, with enhanced copper tubes/and aluminum fins
- ▶ Liquid line kit with sealed filter/drier and sight glass with moisture indicator
- ▶ Easy access base mounted service valves placed external to cabinet
- ▶ Dual pressure (auto reset) controls with flexible Reflex® hoses
- ▶ Vertical receiver with isolation valves
- ▶ Refrigerant pressure relief valve on FD2 and FD3 Cabinets.
- ▶ Integral liquid sub-cooling circuit
- ▶ Suction line piping (filter optional)
- ▶ Heavy duty three phase condenser fan motor(s)
- ▶ Crankcase heater
- ▶ Control circuit fuses
- ▶ Compressor Pump-down Switch
- ▶ Large electrical panel with hinged door
- ▶ 208-230 V control voltage
- ▶ Color coded point-to-point wiring
- ▶ Liquid injection for low temp. Scroll compressors
- ▶ Flooded models include flooded head pressure control (70°F)
- ▶ Non-flooded models include fan cycle control

OPTIONS

- ▶ Electronic air defrost timer or electric defrost components
- ▶ Suction accumulator and/or oil separator
- ▶ Replaceable core suction and liquid filters with bypass
- ▶ Thru-the-door disconnect switch
- ▶ Copper or coated condenser fins
- ▶ Oversized receiver

NEXT-GEN II • 3 TO 22 HP

FLOODED // DISCUS COMPRESSOR // MEDIUM TEMPERATURE // CONFIGURABLE BASE MODELS

	Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
MEDIUM TEMPERATURE	FD1	2DC3R53K	04	208-230/3/60	WFDS04M4SEA	41,109	975
				460/3/60	WFDS04M4SGA	43,668	
	FD1	2DD3R63K	05	208-230/3/60	WFDS05M4SEA	41,852	975
				460/3/60	WFDS05M4SGA	44,307	
	FD2	2DL3R78K	06	208-230/3/60	WFDS06M4SEA	51,980	1,178
				460/3/60	WFDS06M4SGA	55,595	
		2DA3R89K	07	208-230/3/60	WFDS07M4SEA	53,084	1,178
				460/3/60	WFDS07M4SGA	56,327	
	FD2	3DA3R10M	08	208-230/3/60	WFDS08M4SEA	59,529	1,178
				460/3/60	WFDS08M4SGA	63,097	
	FD2	3DB3R12M	10	208-230/3/60	WFDS10M4SEA	63,837	1,537
				460/3/60	WFDS10M4SGA	67,138	
FD3	3DF3R15M	12	208-230/3/60	WFDS12M4SEA	69,151	1,871	
			460/3/60	WFDS12M4SGA	71,858		
	3DS3R17M	15	208-230/3/60	WFDS15M4SEA	70,682	2,383	
			460/3/60	WFDS15M4SGA	73,068		

Factory Mounted Options found on pages 101-102.

NEXT-GEN II • 3 TO 22 HP

NON-FLOODED // DISCUS COMPRESSOR // MEDIUM TEMPERATURE // CONFIGURABLE BASE MODELS

Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
MEDIUM TEMPERATURE	FD1	04	208-230/3/60	WBDS04M4SEB	38,463	975
			460/3/60	WBDS04M4SGB	40,972	
	FD1	05	208-230/3/60	WBDS05M4SEB	39,187	975
			460/3/60	WBDS05M4SGB	41,599	
	FD2	06	208-230/3/60	WBDS06M4SEA	49,125	1,178
			460/3/60	WBDS06M4SGA	52,674	
		07	208-230/3/60	WBDS07M4SEA	50,206	1,178
			460/3/60	WBDS07M4SGA	53,392	
	FD2	08	208-230/3/60	WBDS08M4SEA	56,534	1,178
			460/3/60	WBDS08M4SGA	60,030	
	FD2	10	208-230/3/60	WBDS10M4SEA	60,759	1,537
			460/3/60	WBDS10M4SGA	63,999	
FD3	12	208-230/3/60	WBDS12M4SEA	65,971	1,871	
		460/3/60	WBDS12M4SGA	68,628		
	15	208-230/3/60	WBDS15M4SEA	68,813	2,383	
		460/3/60	WBDS15M4SGA	71,198		

Factory Mounted Options found on pages 101-102.

NEXT-GEN II • 3 TO 22 HP

FLOODED // DISCUS COMPRESSOR // LOW TEMPERATURE // CONFIGURABLE BASE MODELS

Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
LOW TEMPERATURE	FD1	03	208-230/3/60	WFDS03L4SEA	40,021	975
			460/3/60	WFDS03L4SGA	42,794	
	FD1	04	208-230/3/60	WFDS04L4SEA	43,878	975
			460/3/60	WFDS04L4SGA	46,690	
	FD1	05	208-230/3/60	WFDS05L4SEA	44,938	975
			460/3/60	WFDS05L4SGA	48,130	
	FD2	06	208-230/3/60	WFDS06L4SEA	48,997	1,178
			460/3/60	WFDS06L4SGA	52,218	
		08	208-230/3/60	WFDS08L4SEA	54,856	1,178
			460/3/60	WFDS08L4SGA	57,448	
		09	208-230/3/60	WFDS09L4SEA	61,382	1,537
			460/3/60	WFDS09L4SGA	65,013	
10	208-230/3/60	WFDS10L4SEA	66,637	1,537		
	460/3/60	WFDS10L4SGA	67,788			
FD3	12	208-230/3/60	WFDS12L4SEA	67,959	1,871	
		460/3/60	WFDS12L4SGA	69,511		
	15	208-230/3/60	WFDS15L4SEA	71,426	2,383	
		460/3/60	WFDS15L4SGA	72,563		
	22	208-230/3/60	WFDS22L4SEA	80,950	2,936	
		460/3/60	WFDS22L4SGA	82,307		

- Factory Mounted Options found on pages 101-102.
- Demand Cooling™ is optional for Low Temp. Discus compressors. It's required for non-R404A refrigerants.

NEXT-GEN II • 3 TO 22 HP

FLOODED // DISCUS COMPRESSOR // LOW TEMPERATURE // PRE-CONFIGURED BASE MODELS
 Includes sealed suction line filter, suction accumulator, defrost kit, and liquid Injection / Demand Cooling™

	Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
LOW TEMPERATURE	FD1	2DA3F23K	05	208-230/3		51,548	975
						54,311	
	FD2	3DS3F46K	10			63,174	1,178
						63,101	
						75,533	1,537
						74,351	
		4DHNF63K	15			83,099	2,383
						81,904	

- Factory Mounted Options found on pages 101-102.
- Demand Cooling™ is optional for Low Temp. Discus condensing units. See page 101 for refrigerants.

NEXT-GEN II • 3 TO 22 HP

NON-FLOODED // DISCUS COMPRESSOR // LOW TEMPERATURE // CONFIGURABLE BASE MODELS

Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
LOW TEMPERATURE	FD1	03	208-230/3/60	WBDS03L4SEB	38,150	975
			460/3/60	WBDS03L4SGB	40,927	
	FD1	04	208-230/3/60	WBDS04L4SEB	42,007	975
			460/3/60	WBDS04L4SGB	44,821	
	FD1	05	208-230/3/60	WBDS05L4SEB	43,068	975
			460/3/60	WBDS05L4SGB	46,262	
	FD2	06	208-230/3/60	WBDS06L4SEA	47,132	1,178
			460/3/60	WBDS06L4SGA	50,352	
	FD2	08	208-230/3/60	WBDS08L4SEA	52,985	1,178
			460/3/60	WBDS08L4SGA	55,583	
	FD2	09	208-230/3/60	WBDS09L4SEA	59,515	1,537
			460/3/60	WBDS09L4SGA	63,142	
	FD2	10	208-230/3/60	WBDS10L4SEA	64,769	1,537
			460/3/60	WBDS10L4SGA	65,920	
	FD2	12	208-230/3/60	WBDS12L4SEA	66,092	1,871
			460/3/60	WBDS12L4SGA	67,642	
	FD2	15	208-230/3/60	WBDS15L4SEA	69,563	2,383
			460/3/60	WBDS15L4SGA	70,695	
FD3	22	208-230/3/60	WBDS22L4SEA	79,082	2,936	
		460/3/60	WBDS22L4SGA	80,436		

- Factory Mounted Options found on pages 101-102.
- Demand Cooling™ is optional for Low Temp. Discus compressors. It's required for non-R404A refrigerants.

NEXT-GEN II • 3 TO 22 HP

FLOODED // SCROLL COMPRESSOR // MEDIUM TEMPERATURE // CONFIGURABLE BASE MODELS

Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)	
MEDIUM TEMPERATURE	FD1	ZS29KAE	04	208-230/3/60	WFOS04E4SEA	37,068	549
				460/3/60	WFOS04E4SGA	39,996	
	FD1	ZS33KAE	05	208-230/3/60	WFOS05E4SEA	37,728	568
				460/3/60	WFOS05E4SGA	40,601	
	FD1	ZS38K4E	06	208-230/3/60	WFOS06E4SEA	42,990	568
				460/3/60	WFOS06E4SGA	46,439	
	FD2	ZS45K4E	07	208-230/3/60	WFOS07E4SEA	43,826	941
				460/3/60	WFOS07E4SGA	47,094	
		ZB58K5E	08	208-230/3/60	WFOS08E4SEA	45,560	941
				460/3/60	WFOS08E4SGA	48,923	
		ZB66K5E	09	208-230/3/60	WFOS09E4SEA	48,081	1,011
				460/3/60	WFOS09E4SGA	51,093	
ZB76K5E	10	208-230/3/60	WFOS10E4SEA	56,213	1,011		
		460/3/60	WFOS10E4SGA	58,350			
FD3	ZB95K5E	13	208-230/3/60	WFOS13E4SEA	62,256	1,204	
			460/3/60	WFOS13E4SGA	62,399		
	ZB114K5E	15	208-230/3/60	WFOS15E4SEA	69,512	1,214	
			460/3/60	WFOS15E4SGA	72,686		

Factory Mounted Options found on pages 101-102.

NEXT-GEN II • 3 TO 22 HP

FLOODED // SCROLL COMPRESSOR // MEDIUM TEMPERATURE // PRE-CONFIGURED BASE MODELS
Includes standard electronic timer

	Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
MEDIUM TEMPERATURE	FD2	ZS45K4E	07	208-230/3		42,343	941
						45,425	
	FD2	ZB58K5E	08			43,978	941
						47,152	
	FD2	ZB76K5E	10			54,028	1,011
						56,045	
	FD3	ZB114K5E	15			66,575	1,214
						69,570	

Factory Mounted Options found on pages 101-102.

NEXT-GEN II • 3 TO 22 HP

NON-FLOODED // SCROLL COMPRESSOR // MEDIUM TEMPERATURE // CONFIGURABLE BASE MODELS

	Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
MEDIUM TEMPERATURE	FD1	ZS29KAE	04	208-230/3/60	WBOS04E4SEB	35,198	549
				460/3/60	WBOS04E4SGB	38,126	
		ZS33KAE	05	208-230/3/60	WBOS05E4SEB	35,858	568
				460/3/60	WBOS05E4SGB	38,732	
		ZS38K4E	06	208-230/3/60	WBOS06E4SEB	41,121	568
				460/3/60	WBOS06E4SGB	44,568	
	FD2	ZS45K4E	07	208-230/3/60	WBOS07E4SEA	41,958	941
				460/3/60	WBOS07E4SGA	45,225	
		ZB58K5E	08	208-230/3/60	WBOS08E4SEA	42,828	941
				460/3/60	WBOS08E4SGA	46,128	
		ZB66K5E	09	208-230/3/60	WBOS09E4SEA	45,305	1,011
				460/3/60	WBOS09E4SGA	48,255	
	ZB76K5E	10	208-230/3/60	WBOS10E4SEA	53,279	1,011	
			460/3/60	WBOS10E4SGA	55,374		
	FD3	ZB95K5E	13	208-230/3/60	WBOS13E4SEA	59,207	1,204
				460/3/60	WBOS13E4SGA	59,348	
		ZB114K5E	15	208-230/3/60	WBOS15E4SEA	66,326	1,214
				460/3/60	WBOS15E4SGA	69,440	

Factory Mounted Options found on pages 101-102.

NEXT-GEN II • 3 TO 22 HP

FLOODED // SCROLL COMPRESSOR // LOW TEMPERATURE // CONFIGURABLE BASE MODELS

	Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
LOW TEMPERATURE	FD1	ZF25K4E	08	208-230/3/60	WFOS08L4SEA	42,238	941
				460/3/60	WFOS08L4SGA	44,734	
	FD2	ZF34K5E	10	208-230/3/60	WFOS10L4SEA	52,427	1,011
				460/3/60	WFOS10L4SGA	55,508	
		ZF41K5E	13	208-230/3/60	WFOS13L4SEA	59,253	1,204
				460/3/60	WFOS13L4SGA	60,268	
	FD3	ZF49K5E	15	208-230/3/60	WFOS15L4SEA	61,223	1,214
				460/3/60	WFOS15L4SGA	62,604	

NON-FLOODED // SCROLL COMPRESSOR // LOW TEMPERATURE // CONFIGURABLE BASE MODELS

	Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
LOW TEMPERATURE	FD1	ZF25K4E	08	208-230/3/60	WBOS08L4SEB	40,366	941
				460/3/60	WBOS08L4SGB	42,863	
	FD2	ZF34K5E	10	208-230/3/60	WBOS10L4SEA	50,555	1,011
				460/3/60	WBOS10L4SGA	53,640	
		ZF41K5E	13	208-230/3/60	WBOS13L4SEA	57,384	1,204
				460/3/60	WBOS13L4SGA	58,401	
	FD3	ZF49K5E	15	208-230/3/60	WBOS15L4SEA	59,355	1,214
				460/3/60	WBOS15L4SGA	60,737	

- Factory Mounted Options found on pages 101-102.
- Liquid Injection is standard on Low Temp. Scroll compressors.

NEXT-GEN II • 3 TO 22 HP

FLOODED // BITZER COMPRESSOR // MEDIUM TEMPERATURE // CONFIGURABLE BASE MODELS

Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)	
MEDIUM TEMPERATURE	FD1	2DES-3	03	208-230/3/60	WFBS03E4SEA	44,255	975
				460/3/60	WFBS03E4SGA	47,158	
	FD1	2CES-4	04	208-230/3/60	WFBS04E4SEA	44,955	975
				460/3/60	WFBS04E4SGA	47,751	
	FD1	4FES-5	05	208-230/3/60	WFBS05E4SEA	45,679	975
				460/3/60	WFBS05E4SGA	48,374	
	FD2	4EES-6	06	208-230/3/60	WFBS06E4SEA	50,069	1,178
				460/3/60	WFBS06E4SGA	51,959	
		4DES-7	07	208-230/3/60	WFBS07E4SEA	54,396	1,178
				460/3/60	WFBS07E4SGA	55,481	
		4CES-9	08	208-230/3/60	WFBS08E4SEA	62,486	1,178
				460/3/60	WFBS08E4SGA	65,612	
4TES-12	10	208-230/3/60	WFBS10E4SEA	63,242	1,537		
		460/3/60	WFBS10E4SGA	66,978			
FD3	4PES-15	12	208-230/3/60	WFBS12E4SEA	65,928	1,871	
			460/3/60	WFBS12E4SGA	69,366		
	4NES-20	15	208-230/3/60	WFBS15E4SEA	67,431	2,383	
			460/3/60	WFBS15E4SGA	70,729		

Factory Mounted Options found on pages 101-102.

NEXT-GEN II • 3 TO 22 HP

NON-FLOODED // BITZER COMPRESSOR // MEDIUM TEMPERATURE // CONFIGURABLE BASE MODELS

Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)	
MEDIUM TEMPERATURE	FD1	2DES-3	03	208-230/3/60	WBBS03E4SEB	42,388	975
				460/3/60	WBBS03E4SGB	45,290	
	FD1	2CES-4	04	208-230/3/60	WBBS04E4SEB	43,084	975
				460/3/60	WBBS04E4SGB	45,882	
	FD1	4FES-5	05	208-230/3/60	WBBS05E4SEB	43,815	975
				460/3/60	WBBS05E4SGB	46,506	
	FD2	4EES-6	06	208-230/3/60	WBBS06E4SEA	48,201	1,178
				460/3/60	WBBS06E4SGA	50,091	
		4DES-7	07	208-230/3/60	WBBS07E4SEA	52,528	1,178
				460/3/60	WBBS07E4SGA	53,615	
		4CES-9	08	208-230/3/60	WBBS08E4SEA	59,434	1,178
				460/3/60	WBBS08E4SGA	62,500	
4TES-12	10	208-230/3/60	WBBS10E4SEA	60,171	1,537		
		460/3/60	WBBS10E4SGA	63,837			
FD3	4PES-15	12	208-230/3/60	WBBS12E4SEA	62,810	1,871	
			460/3/60	WBBS12E4SGA	66,182		
	4NES-20	15	208-230/3/60	WBBS15E4SEA	64,282	2,383	
			460/3/60	WBBS15E4SGA	67,520		

Factory Mounted Options found on pages 101-102.

NEXT-GEN II • 3 TO 22 HP

FLOODED // BITZER COMPRESSOR // LOW TEMPERATURE // CONFIGURABLE BASE MODELS

	Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)
LOW TEMPERATURE	FD1	4FES-3	03	208-230/3/60	WFBS03L4SEA	39,249	975
				460/3/60	WFBS03L4SGA	40,788	
		4EES-4	04	208-230/3/60	WFBS04L4SEA	43,136	975
				460/3/60	WFBS04L4SGA	44,674	
		4DES-5	05	208-230/3/60	WFBS05L4SEA	45,326	975
				460/3/60	WFBS05L4SGA	47,024	
	4CES-6	06	208-230/3/60	WFBS06L4SEA	54,300	1,178	
			460/3/60	WFBS06L4SGA	56,502		
	FD2	4TES-9	07	208-230/3/60	WFBS08L4SEA	58,084	1,178
				460/3/60	WFBS08L4SGA	60,194	
		4PES-12	08	208-230/3/60	WFBS09L4SEA	62,185	1,178
				460/3/60	WFBS09L4SGA	64,183	
		4NES-14	10	208-230/3/60	WFBS10L4SEA	66,349	1,537
				460/3/60	WFBS10L4SGA	68,349	
		4JE-15	12	208-230/3/60	WFBS12L4SEA	71,515	1,871
				460/3/60	WFBS12L4SGA	73,513	
		4HE-18	15	208-230/3/60	WFBS15L4SEA	76,800	2,383
				460/3/60	WFBS15L4SGA	78,791	
FD3	4GE-23	22	208-230/3/60	WFBS22L4SEA	78,791	2,936	
			460/3/60	WFBS22L4SGA	81,701		

Factory Mounted Options found on pages 101-102.

NEXT-GEN II • 3 TO 22 HP

NON-FLOODED // BITZER COMPRESSOR // LOW TEMPERATURE // CONFIGURABLE BASE MODELS

Cabinet Size	Compressor Model No.	Nom. H.P.	Voltage	Model No.	List Price (\$US)	4 Yr Compressor Protection Plan (Net Price Adder \$US)		
LOW TEMPERATURE	FD1	4FES-3	03	208-230/3/60	WBBS03L4SEB	37,381	975	
				460/3/60	WBBS03L4SGB	38,919		
	FD1	4EES-4	04	208-230/3/60	WBBS04L4SEB	41,265	975	
				460/3/60	WBBS04L4SGB	42,802		
	FD1	4DES-5	05	208-230/3/60	WBBS05L4SEB	43,456	975	
				460/3/60	WBBS05L4SGB	45,152		
	FD1	4CES-6	06	208-230/3/60	WBBS06L4SEB	52,432	1,178	
				460/3/60	WBBS06L4SGB	54,635		
	FD2	4TES-9	07	208-230/3/60	WBBS08L4SEA	56,212	1,178	
				460/3/60	WBBS08L4SGA	58,328		
		FD2	4PES-12	08	208-230/3/60	WBBS09L4SEA	60,314	1,178
					460/3/60	WBBS09L4SGA	62,312	
		FD2	4NES-14	10	208-230/3/60	WBBS10L4SEA	64,480	1,537
					460/3/60	WBBS10L4SGA	66,475	
		FD2	4JE-15	12	208-230/3/60	WBBS12L4SEA	69,646	1,871
					460/3/60	WBBS12L4SGA	71,643	
		FD2	4HE-18	15	208-230/3/60	WBBS15L4SEA	74,931	2,383
					460/3/60	WBBS15L4SGA	76,921	
FD3	4GE-23	22	208-230/3/60	WBBS22L4SEA	72,927	2,936		
			460/3/60	WBBS22L4SGA	79,831			

- Factory Mounted Options found on pages 101-102..
- Liquid Injection is optional on Low Temp. Bitzer compressors. It's required for non-R404A refrigerants.

NEXT-GEN II • 3 TO 22 HP

FACTORY INSTALLED OPTIONS // ELECTRICAL OPTIONS

Option Description <i>(all options are factory mounted unless otherwise noted)</i>	Option No.	H.P Range/ Cabinet	List Price Adder (\$US)
Through the Door Non-fused Disconnect Switch (only available mounted)	TDNM-3	3-10	3,070
	TDNM-4	12-22	3,434
External Fused Disconnect (available loose or mounted)	EFDM-2 (230 V)	3 - 6	1,988
	EFDM-3 (230 V)	7 - 10	2,363
	EFDM-4 (230 V)	12 - 22	5,042
	EFDM-2 (460 V)	3 - 6	2,334
	EFDM-3 (460 V)	7 - 10	4,200
	EFDM-4 (460 V)	12 - 22	6,933
Main Circuit Breaker	BKR-2	3 - 6	2,839
	BKR-3	7 - 10	3,575
	BKR-4	12 - 22	4,497
† Phase Loss Monitor	PLM	ALL	2,234
Anti Short Cycle Timer	ASC	ALL	1,321
Air Defrost Timer	TMR	ALL	1,099
Current Sensing Relay (Run proof)	CSR	ALL	1,464
Compressor Unloaders (Suction pressure control. Medium Temp reciprocating compressors only. 1 Step for 3D and larger compressors.)	UNL-1	When Available	4,109
Variable Speed EC Motors & Controller	-	FD1	4,986
	-	FD2 & FD3	8,466

† Phase Loss monitor is a standard feature for K5 Scroll Series CoreSense modules. Extended Range models *OS8E4S thru OS15E4s and Low Temp OS10L4L thru *OS15L4S use K5 Series Scroll compressors. For all other models, option is only available on units that are 3 Phase.

FACTORY INSTALLED OPTIONS // DEFROST KITS

1 Unit Cooler per CU	Max Defrost Load	List Price (\$US)	2 Unit Coolers per CU	Max Defrost Load	List Price (\$US)	3 Unit Coolers per CU	Max Defrost Load	List Price (\$US)
DMA15	15	2,264	DMB35	35	3,430	DMC35	35	5,160
DMA20	20	2,264	DMB40	40	3,430	DMC40	40	5,160
DMA24	24	2,264	DMB48	48	3,430	DMC48	48	5,160
DMA30	30	2,264	DMB60	60	4,933	DMC60	60	6,379
DMA35	35	2,529	DMB96	96	4,933	DMC96	96	6,379
DMA40	40	2,529						
DMA48	48	2,529						
DMB60	60	4,933						
DMB96	96	4,933						

Note: All electric defrost kits include 1 fan contactor and are suitable for single or three phase loads. Defrost amp values are the maximum load for a kit. Smaller loads may be attached.

NEXT-GEN II • 3 TO 22 HP

FACTORY INSTALLED OPTIONS // MECHANICAL OPTIONS

Option Description <i>(all options are factory mounted unless otherwise noted)</i>	Option No.	H.P Range/ Cabinet	List Price Adder (\$US)
Suction Line Filter (sealed)	SK-5	3 - 8	884
	SK-6	9 - 10	1,501
	SK-7	12 - 22	2,339
Replaceable Core Suction Filter ¹	RSK-5	3 - 8	1,699
	RSK-6	9 - 10	2,319
	RSK-7	12 - 22	3,141
Replaceable Core Liquid Filter ¹	RLK-5	3 - 8	1,496
	RLK-6	9 - 10	1,700
	RLK-7	12 - 22	1,925
Suction Line Accumulator	ASK-4	3 - 8	1,496
	ASK-5	9 - 10	2,200
	ASK-6	12 - 22	4,593
Oil Separator	OS-1	3 - 6	2,547
	OS-2	7 - 10	2,713
	OS-3	12 - 22	3,186
Oversized Receivers	OSR-1	FD1	2,248
	OSR-2	FD2	1,258
	OSR-3	FD3	1,271
Pressure Relief Valve	RV	FD1 (standard receiver)	570
Heated & Insulated Receiver <i>(temperature controlled with low pressure bypass timer)</i>	HIR	ALL	1,480
Crankcase Pressure Regulator <i>(Do not use with MOP style TXVs. Must provide refrigerant type, holding temperature, suction temperature, and maximum design capacity.)</i> <i>Mounted for FD2 and FD3 cabinets only; loose for FD1 cabinet</i>	CPR Valve	3 - 5	2,930
		6 - 9	3,248
		10 - 15	6,054
		22	9,472
Liquid Injection / Demand Cooling™ <i>(Low Temp. Bitzer & Discus compressors)</i>	LNJ	ALL	4,794
Hail / Snow Guards~ <i>(shipped loose to prevent shipping damage)</i>	SG-E	FD1	1,812
	SG-F	FD2	2,476
	SG-G	FD3	2,777
2 Unit Stacking Rack~ <i>(shipped empty)</i>	SR-2	FD1 or FD2	Call Factory
3 Unit Stacking Rack~ <i>(shipped empty)</i>	SR-3	FD1 or FD2	Call Factory

¹ If ordering a Replaceable Core Suction Filter, a Replaceable Core Line Liquid Filter must also be ordered. If ordering a Replaceable Core Liquid Line Filter, a Replaceable Core Suction Filter must also be ordered.

~ Requires field installation. Condensing units must be field installed

QV-SERIES 15 TO 100 HP



DOE AWEF values for specific models in a given application can be found in the Product Brochure on our website.

MODEL NOMENCLATURE

W	F	D	V	030	M	4S	G	A
Brand	Style	Compressor	Compressor Configuration	Horsepower	Temperature	Refrigerant	Voltage	Vintage [^]
W - Witt	F - Flooded B - Non-Flooded	D - Discus B - Bitzer EcoLine	V - Single D - Dual P - Parallel Piped		L - Low M - Medium	4S - Multiple Refrigerants	E - 208-230/3/60 G - 460/3/60	A B

50 Hz available. Contact Factory for additional information. [^] A Vintage has standard PSC motor(s). B Vintage has standard High Efficiency motors. For specific model number vintages, please refer to following price tables or contact factory.

STANDARD FEATURES

- Available in single, dual or parallel compressor configurations from 15 to 100 HP
- Pre-paint gray exterior/ G60 galvanized steel outdoor cabinet construction
- Heavy gauge G90 galvanized steel frame
- Award-winning floating coil design with generously sized condensers for energy savings
- Integral sub-cooling circuit boosts energy efficiency
- Mechanically formed pre-bent tubing reduces potential leaks
- Separate power and control electrical panels
- Swept wing fan/Venturi improves airflow and sound
- Hinged and removable access panels
- Flip top hinged Venturi panels for easy servicing
- Flooded compressor cabinet with removable compressor tray
- LED control and compressor panel lighting
- 110V service convenience outlet
- Service gauge hooks
- 3 Phase condenser fan motors
- Color-coded high and low pressure hoses
- Electronic oil failure control
- Horizontal receiver
- Receiver isolation valves
- Refrigerant relief valve
- Replaceable core liquid line filter
- Suction line and discharge line vibrasorbors
- Liquid line isolation valve with sight glass
- Single point alarm with liquid line solenoid lockout
- Control circuit and condenser fan fusing
- Condenser fan contactors
- UL and cUL listed for outdoor use
- Flooded (RF) Models include an adjustable head
- Pressure control valve
- Non-Flooded (RB) Models include electronic fan cycling control and a minimum charge monitor
- Parallel Compressor Models (RF*P/ RB*P) include an oil management system

OPTIONS

- EC fan motors for variable speed
- Air defrost timer or electric defrost components
- Electric defrost kits available for up to 4 evaporators
- Oversized receiver
- Condenser coil coating
- Liquid injection on low temperature compressors

QV-SERIES • 15 TO 100 HP

DISCUS COMPRESSOR // SINGLE COMPRESSOR // CONFIGURABLE BASE MODELS

"-" Not Available

	Nom. H.P.	Model No.	Comp. Model No. (1 per Unit)	FLOODED		NON-FLOODED		4 Yr Compressor Protection Plan (Net Price Adder \$US)
				208-230/3	460/3	208-230/3	460/3	
MEDIUM TEMP.	15	W*DVO15M4S*A	3DS3R17ME	79,829	81,136	79,347	80,697	2,383
	20	W*DVO20M4S*A	4DBNR20ME	88,355	89,600	86,476	88,245	2,936
	25	W*DVO25M4S*A	4DHNR22ME	105,505	106,663	103,362	105,147	3,927
	30	W*DVO30M4S*A	4DJNR28ME	123,316	124,662	116,639	118,086	4,073
	35	W*DVO35M4S*A	6DHNR35ME	139,667	140,464	134,512	134,879	4,294
	40	W*DVO40M4S*A	6DJNR40ME	153,698	155,834	147,765	149,931	4,957
	50	W*DVO50M4S*A	6DUNR49ME	-	186,036	-	176,678	5,120
LOW TEMP.	22	W*DVO22L4S*A	4DJNF76KE	99,250	101,338	99,233	100,488	2,936
	27	W*DVO27L4S*A	6DHNF93KE	114,886	115,803	112,660	114,692	3,927
	30	W*DVO30L4S*A	6DJNF11ME	126,929	128,097	124,312	126,394	4,073
	40	W*DVO40L4S*A	6DUNF13ME	-	159,499	-	156,895	4,957

BITZER COMPRESSOR // SINGLE COMPRESSOR // CONFIGURABLE BASE MODELS

	Nom. H.P.	Model No.	Comp. Model No. (1 per Unit)	FLOODED		NON-FLOODED		4 Yr Compressor Protection Plan (Net Price Adder \$US)
				208-230/3	460/3	208-230/3	460/3	
MEDIUM TEMP.	15	W*BVO15M4S*A	4NE-20	79,829	81,136	79,347	80,697	2,383
	20	W*BVO20M4S*A	4JE-22	88,355	89,600	86,476	88,245	2,936
	25	W*BVO25M4S*A	4HE-25	105,505	106,663	103,362	105,147	3,927
	30	W*BVO30M4S*A	4GE-30	123,316	124,662	116,639	118,086	4,073
	35	W*BVO35M4S*A	6HE-35	139,667	140,464	134,512	134,879	4,294
	40	W*BVO40M4S*A	6GE-40	153,698	155,834	147,765	149,931	4,957
	50	W*BVO50M4S*A	6FE-50	184,651	186,036	175,363	176,678	5,120
LOW TEMP.	22	W*BVO22L4S*A	4GE-23	99,250	101,338	99,233	100,488	2,936
	27	W*BVO27L4S*A	6HE-28	114,886	115,803	112,660	114,692	3,927
	30	W*BVO30L4S*A	6GE-34	126,929	128,097	124,312	126,394	4,073
	40	W*BVO40L4S*A	6FE-44	158,313	159,499	156,034	156,895	4,957

- Factory Mounted Options & Shipped-Loose Accessories are found on pages 107-112.
- * Represents Flooded (F) or Non-Flooded (B) & Voltage 208-230/3/60 (E) or 460/3/60 (G)

- Demand Cooling/Liquid injection required for non-404A refrigerants on low temp applications with Discus and Bitzer compressors, respectively.
- Head fan is required for certain low temp applications. Refer to product catalog for model specific information

QV-SERIES • 15 TO 100 HP

DISCUS COMPRESSOR // DUAL COMPRESSOR // CONFIGURABLE BASE MODELS

"-" Not Available

	Nom. H.P.	Model No.	Comp. Model No. (1 per Unit)	FLOODED		NON-FLOODED		4 Yr Compressor Protection Plan (Net Price Adder \$US)
				208-230/3	460/3	208-230/3	460/3	
MEDIUM TEMP.	30	W*DD030M4S*A	3DS3R17ME	159,661	162,273	158,692	161,393	4,073
	40	W*DD040M4S*A	4DBNR20ME	176,712	179,200	172,955	176,490	5,872
	50	W*DD050M4S*A	4DHNR22ME	211,012	213,326	206,725	210,301	5,120
	60	W*DD060M4S*A	4DJNR28ME	246,640	249,328	233,276	236,171	8,146
	70	W*DD070M4S*A	6DHNR35ME	279,331	280,931	269,023	269,760	9,030
	80	W*DD080M4S*A	6DJNR40ME	307,401	311,668	295,529	299,859	9,914
	100	W*DD100M4S*A	6DUNR49ME	-	372,075	-	353,355	10,240
LOW TEMP.	44	W*DD044L4S*A	4DJNF76KE	198,497	202,674	198,467	200,976	5,872
	54	W*DD054L4S*A	6DHNF93KE	229,768	231,603	225,321	229,384	6,095
	60	W*DD060L4S*A	6DJNF11ME	253,855	256,192	248,624	252,778	8,146
	80	W*DD080L4S*A	6DUNF13ME	-	319,003	-	313,790	9,914

BITZER COMPRESSOR // DUAL COMPRESSOR // CONFIGURABLE BASE MODELS

	Nom. H.P.	Model No.	Comp. Model No. (1 per Unit)	FLOODED		NON-FLOODED		4 Yr Compressor Protection Plan (Net Price Adder \$US)
				208-230/3	460/3	208-230/3	460/3	
MEDIUM TEMP.	30	W*BD030M4S*A	4NE-20	159,661	162,273	158,692	161,393	4,073
	40	W*BD040M4S*A	4JE-22	176,712	179,200	172,955	176,490	5,872
	50	W*BD050M4S*A	4HE-25	211,012	213,326	206,725	210,301	5,120
	60	W*BD060M4S*A	4GE-30	246,640	249,328	233,276	236,171	8,146
	70	W*BD070M4S*A	6HE-35	279,331	280,931	269,023	269,760	9,030
	80	W*BD080M4S*A	6GE-40	307,401	311,668	295,529	299,859	9,914
	100	W*BD100M4S*A	6FE-50	369,305	372,075	350,724	353,355	10,240
LOW TEMP.	44	W*BD044L4S*A	4GE-23	198,497	202,674	198,467	200,976	5,872
	54	W*BD054L4S*A	6HE-28	229,768	231,603	225,321	229,384	6,095
	60	W*BD060L4S*A	6GE-34	253,855	256,192	248,624	252,778	8,146
	80	W*BD080L4S*A	6FE-44	316,628	319,003	311,452	313,790	9,914

- Factory Mounted Options & Shipped-Loose Accessories are found on pages 107-112.
- * Represents Flooded (F) or Non-Flooded (B) & Voltage 208-230/3/60 (E) or 460/3/60 (G)

- Demand Cooling/Liquid injection required for non-404A refrigerants on low temp applications with Discus and Bitzer compressors, respectively.
- Head fan is required for certain low temp applications. Refer to product catalog for model specific information

QV-SERIES • 15 TO 100 HP

DISCUS COMPRESSOR // PARALLEL PIPED COMPRESSOR // CONFIGURABLE BASE MODELS

"-" Not Available

	Nom. H.P.	Model No.	Comp. Model No. (1 per Unit)	FLOODED		NON-FLOODED		4 Yr Compressor Protection Plan (Net Price Adder \$US)
				208-230/3	460/3	208-230/3	460/3	
MEDIUM TEMP.	50	W*DP050M4S*A	4DHNR22ME	237,114	239,139	232,194	235,698	5,120
	60	W*DP060M4S*A	4DJNR28ME	270,531	272,988	255,035	257,781	8,146
	70	W*DP070M4S*A	6DHNR35ME	304,170	305,537	292,518	292,884	9,030
	80	W*DP080M4S*A	6DJNR40ME	329,912	335,055	316,661	321,863	9,914
	100	W*DP100M4S*A	6DUNR49ME	-	413,003	-	391,125	10,240
LOW TEMP.	44	W*DP044L4S*A	4DJNF76KE	225,164	229,300	225,131	227,363	5,872
	54	W*DP054L4S*A	6DHNF93KE	254,719	256,232	249,691	253,756	6,095
	60	W*DP060L4S*A	6DJNF11ME	277,223	279,302	271,387	275,528	8,146
	80	W*DP080L4S*A	6DUNF13ME	-	354,089	-	348,210	9,914

BITZER COMPRESSOR // PARALLEL PIPED COMPRESSOR // CONFIGURABLE BASE MODELS

	Nom. H.P.	Model No.	Comp. Model No. (1 per Unit)	FLOODED		NON-FLOODED		4 Yr Compressor Protection Plan (Net Price Adder \$US)
				208-230/3	460/3	208-230/3	460/3	
MEDIUM TEMP.	50	W*BP050M4S*A	4HE-25	237,114	239,139	232,194	235,698	5,120
	60	W*BP060M4S*A	4GE-30	270,531	272,988	255,035	257,781	8,146
	70	W*BP070M4S*A	6HE-35	304,170	305,537	292,518	292,884	9,030
	80	W*BP080M4S*A	6GE-40	329,912	335,055	316,661	321,863	9,914
	100	W*BP100M4S*A	6FE-50	409,927	413,003	388,210	391,125	10,240
LOW TEMP.	44	W*BP044L4S*A	4GE-23	225,164	229,300	225,131	227,363	5,872
	54	W*BP054L4S*A	6HE-28	254,719	256,232	249,691	-	6,095
	60	W*BP060L4S*A	6GE-34	277,223	279,302	271,387	275,528	8,146
	80	W*BP080L4S*A	6FE-44	409,927	354,089	345,614	348,210	9,914

- Factory Mounted Options & Shipped-Loose Accessories are found on pages 107-112.
- * Represents Flooded (F) or Non-Flooded (B) & Voltage 208-230/3/60 (E) or 460/3/60 (G)

- Demand Cooling/Liquid injection required for non-404A refrigerants on low temp applications with Discus and Bitzer compressors, respectively.
- Head fan is required for certain low temp applications. Refer to product catalog for model specific information

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // SINGLE COMPRESSOR // COMPRESSOR & ELECTRICAL OPTIONS

	Option Description <i>(all options are factory mounted unless otherwise noted)</i>	Option Available On:	List Price Adder (\$US)
COMPRESSOR OPTIONS	Compressor Unloading with Pressure Control for 1 Cycle Bank	BV015M, 020M-30M, 050M; 022L - 040L	3,148
	Compressor Unloading with Pressure Control for 2 Cycle Bank	035M & 045M	5,272
	Compressor Unloading: Moduload	DV015M	7,768
	Head Cooling Fan	All Models	3,276
	Liquid Injection / Demand Cooling	022L - 040L	7,195
ELECTRICAL AND CONTROL PANEL OPTIONS	Air Defrost Time Clock	All Medium Temperature Models	1,057
	Anti-Short Cycle Timer	All Models	913
	Condenser Fan Breaker	015M -030M; 022L - 040L	1,377
		035M -050M	2,094
	Control Circuit Breaker	All Models	448
	EC Fan Motors with Electronic Variable Speed Control	015M -030M; 022L - 040L	Call Factory
		035M -050M	
	Thru-the-door Fused Disconnect	Models with MOPD < 61A	2,787
		Models with 61A < MOPD < 101A	4,128
		Models with 101A < MOPD < 201A	7,071
	Thru-the-door Main Breaker	Models with MOPD ≤ 100A	3,563
		Models with 101A < MOPD < 201A	5,780
	Thru-the-door Non-Fused Disconnect	Models with MCA < 59A	2,509
		Models with 59A < MCA > 99A	3,642
		Models with 99A < MCA < 199A	6,023
Phase-Loss Monitor - 250A	230 V & 460 V	1,762	
Phase-Loss Monitor - ICM450	230 V	2,569	
	460 V	1,826	

QV-Series Single Compressor Options continued on next page.

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // SINGLE COMPRESSOR // REFRIGERATION OPTIONS

	Option Description <i>(all options are factory mounted unless otherwise noted)</i>	Option Available On:	List Price Adder (\$US)
REFRIGERATION OPTIONS	Crankcase Pressure Regulator Valves	015M	6,186
		020M - 040M; 022L - 030L	7,792
		050M & 040L	15,464
	Fan Cycling - Temperature or Pressure	All Flooded Models; Standard on Non-Flooded Models	2,779
	Heat Reclaim Valve	All Models	6,430
	Heated & Insulated Receiver	All Models	4,893
	Hot Gas Bypass Tee & Ball Valve	All Models	1,508
	Hot Gas Bypass Tee, Ball Valve & Regulator	All Models	8,742
	Liquid-line Filter Isolation Valve (single valve)	All Models	870
	Liquid Line Solenoid Valve (shipped loose)	015M - 025M; 022L - 040L	1,081
		030M - 035M	1,382
		040M - 050M	2,089
	Oil Separator with Check Valve	015 - 030	2,998
		035 - 050	5,062
	Oil Separator with Check Valve & Oil Return Service Kit	015 - 030	6,637
		035 - 050	9,397
	Oversized Receiver	All Models	2,083
	Receiver Level Gauge	All Models	2,583
	Suction Accumulator - Standard	015	4,663
		020-050	5,393
	Suction Accumulator - Heat Exchanger	015	5,780
		020-050	8,947
	Suction-line Filter - Replaceable Core	015M	3,058
		020M - 040M; 022L - 030L	3,193
		050M & 040L	3,992
	Suction-line Filter Isolation Valves	015M	1,427
		020M - 040M; 022L - 030L	2,297
		050M & 040L	3,996
Suction-line Insulation	All Models	2,529	

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // DUAL COMPRESSOR // COMPRESSOR & ELECTRICAL OPTIONS

	Option Description <i>(all options are factory mounted unless otherwise noted)</i>	Option Available On:	List Price Adder (\$US)
COMPRESSOR OPTIONS	Compressor Unloading with Pressure Control for 1 Cycle Bank	BD030M, D040M - D060M, D100M; D044L - D080L	6,296
	Compressor Unloading with Pressure Control for 2 Cycle Bank	D070M & D080M	10,545
	Compressor Unloading: Moduload	DD030M	15,535
	Head Cooling Fan	All Models	6,553
	Liquid Injection / Demand Cooling	D044L - D080L	14,391
ELECTRICAL AND CONTROL PANEL OPTIONS	Air Defrost Time Clock	All Medium Temperature Models	2,114
	Anti-Short Cycle Timer	All Models	1,825
	Condenser Fan Breaker	D030M -D060M; D044L - D080L	2,754
		D070M -D100M	4,187
	Control Circuit Breaker	All Models	448
	EC Fan Motors with Electronic Variable Speed Control	D030M -D060M; D044L - D080L	Call Factory
		D070M -D100M	
	Thru-the-door Fused Disconnect	Models with MOPD < 61A	2,787
		Models with 61A < MOPD < 101A	4,128
		Models with 101A < MOPD < 201A	7,071
	Thru-the-door Main Breaker	Models with MOPD ≤ 100A	3,563
		Models with 101A < MOPD < 201A	5,780
	Thru-the-door Non-Fused Disconnect	Models with MCA < 59A	2,509
		Models with 59A < MCA > 99A	3,642
		Models with 99A < MCA < 199A	6,023
Phase-Loss Monitor - 250A	230 V & 460 V	3,523	
Phase-Loss Monitor - ICM450	460 V	3,653	

QV-Series Dual Compressor Options continued on next page.

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // DUAL COMPRESSOR // REFRIGERATION OPTIONS

Option Description <i>(all options are factory mounted unless otherwise noted)</i>	Option Available On:	List Price Adder (\$US)
Crankcase Pressure Regulator Valves	D030M	12,372
	D040M - D080M; D044L - D060L	15,584
	D100M & D080L	30,929
Fan Cycling - Temperature or Pressure	All Flooded Models; Standard on Non-Flooded Models	5,559
Heat Reclaim Valve	All Models	12,860
Heated & Insulated Receiver	All Models	9,786
Hot Gas Bypass Tee & Ball Valve	All Models	3,017
Hot Gas Bypass Tee, Ball Valve & Regulator	All Models	17,484
Liquid-line Filter Isolation Valve (single valve per circuit)	All Models	1,741
Liquid Line Solenoid Valve (shipped loose)	030M - 050M; 044L - 080L	2,162
	060M - 070M	2,764
	080M - 100M	4,179
Oil Separator with Check Valve	D030 - D060	5,995
	D070 - D100	10,123
Oil Separator with Check Valve & Oil Return Service Kit	D030 - D060	13,273
	D070 - D100	18,794
Oversized Receiver	All Models	4,166
Receiver Level Gauge	All Models	5,166
Suction Accumulator - Standard	D030	9,326
	D040-D100	10,787
Suction Accumulator - Heat Exchanger	D030	11,560
	D040-D100	17,895
Suction-line Filter - Replaceable Core	D030M	6,116
	D040M - D080M; D044L - D060L	6,385
	D100M & D080L	7,984
Suction-line Filter Isolation Valves	D030M	2,854
	D040M - D080M; D044L - D060L	4,594
	D100M & D080L	7,992
Suction-line Insulation	All Models	5,058

REFRIGERATION OPTIONS

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // PARALLEL-PIPED COMPRESSOR // COMPRESSOR & ELECTRICAL OPTIONS

	Option Description <i>(all options are factory mounted unless otherwise noted)</i>	Option Available On:	List Price Adder (\$US)
COMPRESSOR OPTIONS	Compressor Unloading with Pressure Control for 1 Cycle Bank	P050M - P060M, P100M; P044L - P080L	6,296
	Compressor Unloading with Pressure Control for 2 Cycle Bank	P070M & P080M	10,545
	Head Cooling Fan	All Models	6,553
	Liquid Injection / Demand Cooling	P044L - P080L	14,391
ELECTRICAL AND CONTROL PANEL OPTIONS	Air Defrost Time Clock	All Medium Temperature Models	1,057
	Anti-Short Cycle Timer	All Models	913
	Condenser Fan Breaker	P050M -P060M; P044L - P080L	1,377
		P070M -P100M	2,094
	Control Circuit Breaker	All Models	448
	EC Fan Motors with Electronic Variable Speed Control	P050M -P060M; P044L - P080L	Call Factory
		P070M -P100M	
	Thru-the-door Fused Disconnect	Models with MOPD < 61A	2,787
		Models with 61A < MOPD < 101A	4,128
		Models with 101A < MOPD < 201A	7,071
	Thru-the-door Main Breaker	Models with MOPD ≤ 100A	3,563
		Models with 101A < MOPD < 201A	5,780
	Thru-the-door Non-Fused Disconnect	Models with MCA < 59A	2,509
		Models with 59A < MCA > 99A	3,642
		Models with 99A < MCA < 199A	6,023
Phase-Loss Monitor - 250A	230 V & 460 V	1,762	
Phase-Loss Monitor - ICM450	460 V	1,826	

QV-Series Parallel-Piped Compressor Options continued on next page.

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // PARALLEL-PIPED COMPRESSOR // REFRIGERATION OPTIONS

	Option Description <i>(all options are factory mounted unless otherwise noted)</i>	Option Available On:	List Price Adder (\$US)
REFRIGERATION OPTIONS	Crankcase Pressure Regulator Valves	P050M-P60M	15,584
		P070M-P100M; P044L - P080L	18,193
	Fan Cycling - Temperature or Pressure	All Flooded Models; Standard on Non-Flooded Models	5,559
	Heat Reclaim Valve	All Models	6,430
	Heated & Insulated Receiver	All Models	4,893
	Hot Gas Bypass Tee & Ball Valve	All Models	1,508
	Hot Gas Bypass Tee, Ball Valve & Regulator	All Models	8,742
	Liquid-line Filter Isolation Valve (single valve per circuit)	All Models	870
		050M - 060M	8,662
		070M - 100M	3,533
		044L - 080L	1,354
	Oversized Receiver	All Models	2,083
	Receiver Level Gauge	All Models	2,583
	Suction Accumulator - Standard	P050M-P60M	6,472
		P070M-P100M; P044L - P080L	7,044
	Suction Accumulator - Heat Exchanger	P050M-P60M	8,947
		P070M-P100M; P044L - P080L	9,887
	Suction-line Filter - Replaceable Core	P050M-P60M	2,858
		P070M-P100M; P044L - P080L	3,193
	Suction-line Filter Isolation Valves	P050M-P60M	3,992
	P070M-P100M; P044L - P080L	6,310	
Suction-line Insulation	All Models	5,058	

QV-SERIES • 15 TO 100 HP

DEFROST KIT NOMENCLATURE

DL	A	24	-
Kit Designator	Heater Contactor QTY	Max Total Heater Amp Value	Special Kit Codes
	A - 1 B - 2 C - 3 D - 4		-1: 1 Evaporator with Multiple Heater Feeds -2: 2 Evaporators with Multiple Heater Feeds PP: Pressure Prop Kits for Large Evaporators

NOTES:

- When selecting defrost kit, use the next higher amp value above the defrost load.
- All kits include 1 fan contactor and are suitable for 1 or 3 phase loads.
- Electrical resistance loads greater than 48 amps must be split into multiple circuits.

FACTORY INSTALLED OPTIONS // DEFROST KITS // SINGLE & PARALLEL-PIPED COMPRESSOR MODELS

1 HEATER CONTACTOR		2 HEATER CONTACTORS		3 HEATER CONTACTORS		4 HEATER CONTACTORS	
Kit Model	List Price (\$US)	Kit Model	List Price (\$US)	Kit Model	List Price (\$US)	Kit Model	List Price (\$US)
DLA24 ¹	2,913						
DLA30 ¹	3,027						
DLA35 ¹	3,408	DLB35 ¹	4,348	DLC35	5,940		
DLA40 ¹	3,408	DLB40 ¹	4,348	DLC40	5,940		
DLA48 ¹	3,408	DLB48 ¹	4,348	DLC48	5,940		
		DLB60 ^{1 2 4}	4,521	DLC60 ¹	5,940	DLD60	7,025
		DLB96 ^{1 2 4}	5,476	DLC96 ¹	6,300	DLD96	7,081
				DLC144 ¹	8,583	DLD144 ^{3 5}	8,641
						DLD192 ^{3 5}	9,082

FACTORY INSTALLED OPTIONS // DEFROST KITS // DUAL COMPRESSOR MODELS

1 HEATER CONTACTOR PER COMPRESSOR		2 HEATER CONTACTORS PER COMPRESSOR	
Kit Model	List Price (\$US)	Kit Model	List Price (\$US)
DLA24 ¹	2,913		
DLA30 ¹	3,027		
DLA35 ¹	3,408	DLB35 ¹	4,348
DLA40 ¹	3,408	DLB40 ¹	4,348
DLA48 ¹	3,408	DLB48 ¹	4,348
		DLB60 ^{1 2 4}	4,521
		DLB96 ^{1 2 4}	5,476

Defrost Kit selected for Single and Parallel compressor models is for entire unit. Up to 4 contactors.

Defrost Kit selected is per compressor for Dual compressor models. Up to 2 contactors/compressor.

- 1 Defrost Kit Available with Pressure Prop Kit for Large Evaporators (Special Kit Code: PP)
- 2 Defrost Kit Available for Evaporator with Multiple Heater Feeds (Special Kit Code: -1)
- 3 Defrost Kit Available for 2 Evaporators with Multiple Heater Feeds (Special Kit Code: -2)
- 4 Defrost Kit Available for Evaporator with Multiple Heater Feeds & Pressure Prop Kit (Special Kit Code: -1PP)
- 5 Defrost Kit Available for 2 Evaporators with Multiple Heater Feeds & Pressure Prop Kit (Special Kit Code: -2PP)

QV-Series Defrost Kit Options continued on next page.

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // TIMER/FAN CONTACTOR // SINGLE & PARALLEL-PIPED COMPRESSOR MODELS

1 FAN CONTACTOR & DEFROST TIMER		
Kit Model	Max Motor Amps	List Price (\$US)
TMR-EF-15A	15	1,607
TMR-EF-30A	30	1,703

FACTORY INSTALLED OPTIONS // TIMER/FAN CONTACTOR // SINGLE & PARALLEL-PIPED COMPRESSOR MODELS

Max Heater Amps	1 HEATER CONTACTOR		2 HEATER CONTACTORS		3 HEATER CONTACTORS		4 HEATER CONTACTORS	
	Fuseblock List Price (\$US)	Circuit Breaker List Price (\$US)	Fuseblock List Price (\$US)	Circuit Breaker List Price (\$US)	Fuseblock List Price (\$US)	Circuit Breaker List Price (\$US)	Fuseblock List Price (\$US)	Circuit Breaker List Price (\$US)
24	193	1,450						
30	258	2,256						
35	258	2,256	258	2,676	383	2,874		
40	258	2,256	258	2,676	383	2,874		
48	258	2,256	258	2,676	383	2,874		
60			360	4,500	550	4,752	593	4,975
96			461	4,531	629	6,055	760	6,241
144					796	6,261	1,040	7,516
192							1,047	7,595

Dual Compressor Units require 2 Fuse blocks & 2 Circuit Breaker, 1 per compressor. Up to 2 contactors/compressor.



WATER-COOLED CONDENSING UNIT

MODELS

NEXT-GEN WC-SERIES™ 1/2 TO 6 HP



MODEL NOMENCLATURE

W	W	O	500	M	4S	E	A
Brand	Style	Compressor	Horsepower	Temperature	Refrigerant	Voltage	Vintage
W - Witt	F - Flooded B - Non-Flooded	D - Discus O - Scroll B - Bitzer		E - Extended Medium L - Low M - Medium	4S - Multiple Refrigerants	E - 208-230/3/60 G - 460/3/60 N - 200-220/3/50 Q - 380/3/50	A

50 Hz available. Contact Factory for additional information.

STANDARD FEATURES

- ▶ Hermetic or quiet and efficient Scroll compressor
- ▶ High efficiency water cooled coaxial condenser
- ▶ Base mounted shut-off valves
- ▶ Liquid line kit with filter/drier and sight glass with moisture indicator
- ▶ Suction and discharge service valves (as required)
- ▶ Compressor contactor or start kit (as required)
- ▶ Suction line piping (filter optional)
- ▶ Color-coded point-to-point wiring
- ▶ Large electrical panel with hinged/removable door
- ▶ Refrigerant receiver with isolation valve and pressure relief plug
- ▶ Adjustable high pressure (auto reset) and low pressure (auto reset) controls
- ▶ Electronic defrost timer with defrost contactor/relay on low temperature models (2 evaps. maximum)
- ▶ Electronic air defrost timer (Medium temperature models only)
- ▶ UL and cUL listed for indoor use

OPTIONS

- ▶ Air or electric defrost provisions
- ▶ Cupronickel heat exchanger and water piping
- ▶ Crankcase heater
- ▶ Water regulating valve
- ▶ Replaceable core liquid filter
- ▶ Replaceable core suction filter
- ▶ Two-tier stacking rack

NEXT-GEN WC-SERIES • 1/2 TO 6 HP

WATER-COOLED // HERMETIC COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Liquid Line Kit with Filter/Drier and Sight Glass with Moisture Indicator, and Defrost Timer or Kit

	Frame Size	Nom. H.P.	Compressor Model No.	Model No.	LIST PRICE (\$US)			4 Yr Compressor Protection Plan (Net Price Adder \$US)
					208-230/1/60	208-230/3/60	460/3/60	
EXTENDED MED. TEMP	FW1	1/2	RST45C1E	WWH055E4S*A	8,729	-	-	217
	FW1	1/2	RST55C1E	WWH080E4S*A	8,909	-	-	217
	FW1	3/4	RST64C1E	WWH090E4S*A	9,179	-	-	217
	FW1	3/4	RST70C1E	WWH100E4S*A	9,913	10,249	-	217
	FW2	1	RST97C1E	WWH125E4S*A	10,623	10,540	-	239

WATER-COOLED // SCROLL COMPRESSOR // CONFIGURABLE BASE MODELS

Includes Liquid Line Kit with Filter/Drier and Sight Glass with Moisture Indicator, and Defrost Timer or Kit

	Frame Size	Nom. H.P.	Compressor Model No.	Model No.	LIST PRICE (\$US)			4 Yr Compressor Protection Plan (Net Price Adder \$US)
					208-230/1/60	208-230/3/60	460/3/60	
MED TEMP	FW1	1/2	ZB06KAE	WWO060M4S*A	15,592	15,616	-	404
	FW1	1/2	ZB07KAE	WWO080M4S*A	15,745	15,798	-	404
	FW1	1	ZB08KAE	WWO100M4S*A	15,900	16,004	-	404
EXTENDED MEDIUM TEMPERATURE	FW1	1-1/3	ZS09KAE	WWO130E4S*A	16,074	16,235	16,832	404
	FW2	1-1/2	ZS11KAE	WWO150E4S*A	17,196	17,362	17,953	404
	FW2	1-3/4	ZS13KAE	WWO180E4S*A	17,607	17,768	18,361	404
	FW3	2	ZS15KAE	WWO200E4S*A	17,912	18,073	18,667	404
	FW3	2-1/2	ZS19KAE	WWO250E4S*A	18,118	18,318	19,021	404
	FW4	3	ZS21KAE	WWO300E4S*A	18,392	18,627	19,441	530
	FW4	3-1/2	ZS26KAE	WWO350E4S*A	19,540	19,792	20,372	530
	FW4	4	ZS29KAE	WWO400E4S*A	20,163	20,443	21,005	549
	FW4	4-1/2	ZS33KAE	WWO450E4S*A	19,908	20,190	20,923	549
	FW4	6	ZS38K4E	WWO500E4S*A	20,903	21,192	22,096	568
FW4	6-1/2	ZS45K4E	WWO600E4S*A	-	24,457	24,852	568	

- Factory Mounted Options & Shipped-Loose Accessories are found on page 119
- * represents Voltage. "D" for 230/1/60, "E" for 280-230/3/60 and "G" for 460/3/60
- "-" Not Available

NEXT-GEN WC-SERIES • 1/2 TO 6 HP

WATER-COOLED // SCROLL COMPRESSOR // CONFIGURABLE BASE MODELS (continued)
 Includes Liquid Line Kit with Filter/Drier and Sight Glass with Moisture Indicator, and Defrost Timer or Kit

	Frame Size	Nom. H.P.	Compressor Model No.	Model No.	LIST PRICE (\$US)			4 Yr Compressor Protection Plan (Net Price Adder \$US)
					208-230/1/60	208-230/3/60	460/3/60	
LOW TEMPERATURE	FW2	1	ZF03KAE	WWO100L4S*A	16,337	17,237	-	404
	FW2	1-1/3	ZF04KAE	WWO130L4S*A	16,737	17,538	-	404
	FW2	1-1/2	ZF05KAE	WWO160L4S*A	17,257	17,949	-	404
	FW2	2	ZF07KAE	WWO230L4S*A	18,232	18,474	19,052	404
	FW3	2-1/2	ZF08K4E	WWO250L4S*A	18,861	19,127	19,330	404
	FW3	3	ZF09K4E	WWO300L4S*A	19,319	19,604	21,953	530
	FW3	3-1/2	ZF11K4E	WWO350L4S*A	20,194	20,481	20,963	530
	FW4	4	ZF13K4E	WWO400L4S*A	21,063	21,335	21,819	549
	FW4	5	ZF15K4E	WWO500L4S*A	21,335	21,601	22,101	568
	FW4	6	ZF18K4E	WWO600L4S*A	-	24,352	25,674	568

- Factory Mounted Options & Shipped-Loose Accessories are found on next page
- * represents Voltage. "D" for 230/1/60, "E" for 280-230/3/60 and "G" for 460/3/60
- "-" Not Available


NEXT-GEN WC-SERIES • 1/2 TO 6 HP

FACTORY MOUNTED OPTIONS

Option Description <i>(all options are factory mounted unless otherwise noted)</i>	H.P Range/Cabinet	List Price Adder (\$US)
Water Regulating Valve (shipped loose)	0.5 - 2.0	1,115
	2.5 - 3.5	1,211
	4.0 - 4.5	1,359
	5.0 - 6.5	2,002
Cupronickel Water Regulating Valve	ALL	Contact Factory
External Fused Disconnect (Mounted)	FW1 - FW2	999
	FW3 - FW4	1,841
External Fused Disconnect (Loose)	FW4	1,686
Liquid Line with Premium Components: Replaceable Core Filter/Drier	FW4	933
Suction Line Components: Sealed Filter	FW1	605
	FW2 - FW4	721
Suction Line Components: Replaceable Core Filter	FW4	2,122
Suction Accumulator	FW1	934
	FW2 - FW4	1,441
Compressor Pump-down Switch	ALL	597
Phase Loss Monitor*	ALL	2,072
Cupronickel Heat Exchanger	ALL	Contact Factory
Two-Tiered Stacking Rack (shipped loose)	ALL	Contact Factory
Over-Sized Receiver	FW1	774
	FW2	922
	FW3	2,205
	FW4	2,262
Heated & Insulated Receiver (temperature controlled w/low pressure bypass timer)	ALL	1,264
Thru The Door - Non - Fused - Disconnect Switch	FW1 - FW2	888
	FW3 - FW4	1,181
Remove Standard Defrost Kit (Low Temp only)	ALL	(1,045)
Remove Standard Air Defrost Timer (Medium Temp only)	ALL	(902)
Oil Separator	FW4	2,292
Substitute Standard Air Defrost Timer For Standard Defrost Kit (ED5-ED11)	ALL	186

For Defrost Kit Options, please see pages 80-82.

* Only available on units that are 3 Phase.



AIR-COOLED CONDENSERS

MODELS

Available with 1 to 14 fans in single and double fan width models
with vertical or horizontal air flow

QUANTUM AIR™ LARGE CONDENSER



MODEL NOMENCLATURE

W	D	D	087	G	D	3	A
Brand	Series	Width	MBTUH	Voltage	Motor	No. of Fans	Vintage
W - Witt	D - Condenser	S - Single Wide D - Double Wide		E - 208-230/3/60 G - 460/3/60 N - 200-220/3/50 Q - 380/3/50 X - Non-Catalogued	B - 1140 RPM, 1.5 HP D - 850 RPM, 1.5 HP L - 850 RPM, 1 HP E - 550 RPM, 1/3 HP G - 900 RPM Rail Mount Variable Speed EC K - 1200 RPM Rail Mount Variable Speed EC	1 - 7	

*Capacity at 10 FPI per 1°F TD

STANDARD FEATURES

- ▶ Inverter duty rail mounted motors
- ▶ Vertical air flow
- ▶ Motors with inherent thermal overload protection
- ▶ 3/8" refrigerant saving copper tube, aluminum fin coils*
- ▶ 650 PSIG working pressure
- ▶ Vinyl coated heavy gauge steel fan guards
- ▶ Swept wing fan/Venturi improves airflow and sound
- ▶ Hinged Venturi panels for easy servicing
- ▶ Hinged leg design for simple installation
- ▶ Proprietary floating coil design
- ▶ Thru-the-door non-fused disconnect switch
- ▶ Heavy gauge painted galvanized steel construction
- ▶ Heavy duty lifting eyes for equipment rigging
- ▶ UL and cUL listed for outdoor use
- ▶ LED control panel lighting

OPTIONS

- ▶ Flooded head pressure control
- ▶ Fan cycling head pressure control
- ▶ Sub-cooling circuit
- ▶ Multi-circuited coils
- ▶ Wide selection of fin coatings and materials
- ▶ Multiple control panel locations
- ▶ Fixed box style legs

QUANTUM AIR™

MODELS WITH 1140 RPM, 1.5 HP MOTORS

	Model No.	List Price (\$US)				Fan Configuration
		8 FPI	10 FPI	12 FPI	14 FPI	
SINGLE FAN WIDTH	WDS004^B1A	12,929	13,655	14,381	15,107	1 x 1
	WDS006^B1A	16,447	17,173	17,899	18,625	1 x 1
	WDS007^B1A	18,366	19,092	19,818	20,544	1 x 1
	WDS012^B2A	27,040	28,492	29,944	31,396	1 x 2
	WDS015^B2A	37,186	38,638	40,090	41,542	1 x 2
	WDS018^B2A	44,046	45,498	46,950	48,402	1 x 2
	WDS022^B3A	54,379	56,557	58,735	60,913	1 x 3
	WDS027^B3A	63,294	65,472	67,650	69,828	1 x 3
	WDS030^B4A	75,967	78,871	81,775	84,679	1 x 4
	WDS036^B4A	85,911	88,815	91,719	94,623	1 x 4
	WDS039^B5A	94,780	98,410	102,040	105,670	1 x 5
	WDS047^B5A	110,238	113,868	117,498	121,128	1 x 5
	WDS056^B6A	131,924	136,280	140,636	144,992	1 x 6
	WDS065^B7A	155,011	160,093	165,175	170,257	1 x 7
DOUBLE FAN WIDTH	WDD022^B2A	55,833	58,737	61,641	64,545	2 x 2
	WDD030^B2A	74,240	77,144	80,048	82,952	2 x 2
	WDD036^B2A	86,423	89,327	92,231	95,135	2 x 2
	WDD045^B3A	111,047	115,403	119,759	124,115	2 x 3
	WDD054^B3A	129,878	134,234	138,590	142,946	2 x 3
	WDD059^B4A	148,681	154,489	160,297	166,105	2 x 4
	WDD072^B4A	171,559	177,367	183,175	188,983	2 x 4
	WDD078^B5A	189,562	196,822	204,082	211,342	2 x 5
	WDD094^B5A	220,807	228,067	235,327	242,587	2 x 5
	WDD113^B6A	263,814	272,526	281,238	289,950	2 x 6
	WDD131^B7A	310,778	320,942	331,106	341,270	2 x 7

- Factory Mounted Options & Shipped-Loose Accessories start on page 128.
- ^ Represents Voltage. "E" - 208-230/3/60, "G" - 460/3/60, "N" - 200-220/3/50 or "Q" - 380/3/50.

QUANTUM AIR™

MODELS WITH 850 RPM, 1.5 HP MOTORS

	Model No.	List Price (\$US)				Fan Configuration
		8 FPI	10 FPI	12 FPI	14 FPI	
SINGLE FAN WIDTH	WDS004^D1A	12,799	13,525	14,251	14,977	1 x 1
	WDS005^D1A	16,345	17,071	17,797	18,523	1 x 1
	WDS007^D1A	18,210	18,936	19,662	20,388	1 x 1
	WDS010^D2A	27,648	29,100	30,552	32,004	1 x 2
	WDS014^D2A	37,073	38,525	39,977	41,429	1 x 2
	WDS015^D2A	41,101	42,553	44,005	45,457	1 x 2
	WDS021^D3A	54,709	56,887	59,065	61,243	1 x 3
	WDS024^D3A	61,921	64,099	66,277	68,455	1 x 3
	WDS028^D4A	74,296	77,200	80,104	83,008	1 x 4
	WDS032^D4A	83,293	86,197	89,101	92,005	1 x 4
	WDS035^D5A	90,849	94,479	98,109	101,739	1 x 5
	WDS043^D5A	109,015	112,645	116,275	119,905	1 x 5
	WDS052^D6A	130,810	135,166	139,522	143,878	1 x 6
	WDS060^D7A	153,370	158,452	163,534	168,616	1 x 7
DOUBLE FAN WIDTH	WDD019^D2A	53,796	56,700	59,604	62,508	2 x 2
	WDD028^D2A	74,022	76,926	79,830	82,734	2 x 2
	WDD031^D2A	80,823	83,727	86,631	89,535	2 x 2
	WDD041^D3A	110,101	114,457	118,813	123,169	2 x 3
	WDD048^D3A	124,974	129,330	133,686	138,042	2 x 3
	WDD055^D4A	148,756	154,564	160,372	166,180	2 x 4
	WDD065^D4A	166,936	172,744	178,552	184,360	2 x 4
	WDD069^D5A	181,625	188,885	196,145	203,405	2 x 5
	WDD086^D5A	218,414	225,674	232,934	240,194	2 x 5
	WDD103^D6A	261,751	270,463	279,175	287,887	2 x 6
	WDD121^D7A	306,781	316,945	327,109	337,273	2 x 7

- Factory Mounted Options & Shipped-Loose Accessories start on page 128.
- ^ Represents Voltage. "E" - 208-230/3/60, "G" - 460/3/60, "N" - 200-220/3/50 or "Q" - 380/3/50.

QUANTUM AIR™

MODELS WITH 850 RPM, 1.0 HP MOTORS

	Model No.	List Price (\$US)				Fan Configuration
		8 FPI	10 FPI	12 FPI	14 FPI	
SINGLE FAN WIDTH	WDS004^L1A	11,963	11,971	13,415	14,141	1 x 1
	WDS006^L1A	15,475	15,284	16,927	17,653	1 x 1
	WDS008^L1A	18,489	18,127	19,941	20,667	1 x 1
	WDS010^L2A	25,973	25,873	28,877	30,329	1 x 2
	WDS012^L2A	32,746	32,262	35,650	37,102	1 x 2
	WDS015^L2A	39,570	38,700	42,474	43,926	1 x 2
	WDS019^L3A	51,721	50,848	56,077	58,255	1 x 3
	WDS023^L3A	59,176	57,881	63,532	65,710	1 x 3
	WDS026^L4A	71,602	70,289	77,410	80,314	1 x 4
	WDS030^L4A	81,187	79,331	86,995	89,899	1 x 4
	WDS032^L5A	87,213	85,701	94,473	98,103	1 x 5
	WDS040^L5A	107,370	104,717	114,630	118,260	1 x 5
	WDS048^L6A	129,547	126,324	138,259	142,615	1 x 6
	WDS056^L7A	151,593	147,807	161,757	166,839	1 x 7
DOUBLE FAN WIDTH	WDD017^L2A	50,048	49,955	55,856	58,760	2 x 2
	WDD026^L2A	71,574	70,262	77,382	80,286	2 x 2
	WDD030^L2A	81,220	79,362	87,028	89,932	2 x 2
	WDD038^L3A	108,226	106,209	116,938	121,294	2 x 3
	WDD046^L3A	126,238	123,202	134,950	139,306	2 x 3
	WDD051^L4A	145,326	142,579	156,942	162,750	2 x 4
	WDD060^L4A	165,470	161,583	177,086	182,894	2 x 4
	WDD063^L5A	176,417	173,280	190,937	198,197	2 x 5
	WDD080^L5A	217,609	212,141	232,129	239,389	2 x 5
	WDD097^L6A	261,353	254,778	278,777	287,489	2 x 6
	WDD113^L7A	306,315	298,565	326,643	336,807	2 x 7

- Factory Mounted Options & Shipped-Loose Accessories start on page 128.
- ^ Represents Voltage. "E" - 208-230/3/60, "G" - 460/3/60, "N" - 200-220/3/50 or "Q" - 380/3/50.
- These models fulfill California Title 24 condenser efficiency requirements when utilizing Variable Frequency Drives and 10 FPI coils.

QUANTUM AIR™

MODELS WITH 550 RPM, 1/3 HP MOTORS

	Model No.	List Price (\$US)				Fan Configuration
		8 FPI	10 FPI	12 FPI	14 FPI	
SINGLE FAN WIDTH	WDS004^E1A	13,806	14,532	15,258	15,984	1 x 1
	WDS005^E1A	16,248	16,974	17,700	18,426	1 x 1
	WDS006^E1A	18,299	19,025	19,751	20,477	1 x 1
	WDS008^E2A	27,215	28,667	30,119	31,571	1 x 2
	WDS011^E2A	35,846	37,298	38,750	40,202	1 x 2
	WDS012^E2A	39,633	41,085	42,537	43,989	1 x 2
	WDS016^E3A	54,858	57,036	59,214	61,392	1 x 3
	WDS018^E3A	60,108	62,286	64,464	66,642	1 x 3
	WDS021^E4A	75,190	78,094	80,998	83,902	1 x 4
	WDS025^E4A	84,284	87,188	90,092	92,996	1 x 4
	WDS028^E5A	95,523	99,153	102,783	106,413	1 x 5
	WDS032^E5A	105,848	109,478	113,108	116,738	1 x 5
	WDS040^E6A	134,662	139,018	143,374	147,730	1 x 6
	WDS046^E7A	157,435	162,517	167,599	172,681	1 x 7
DOUBLE FAN WIDTH	WDD016^E2A	58,334	61,238	64,142	67,046	2 x 2
	WDD021^E2A	75,190	78,094	80,998	83,902	2 x 2
	WDD025^E2A	83,537	86,441	89,345	92,249	2 x 2
	WDD032^E3A	115,373	119,729	124,085	128,441	2 x 3
	WDD037^E3A	126,334	130,690	135,046	139,402	2 x 3
	WDD043^E4A	154,360	160,168	165,976	171,784	2 x 4
	WDD050^E4A	171,928	177,736	183,544	189,352	2 x 4
	WDD055^E5A	196,911	204,171	211,431	218,691	2 x 5
	WDD063^E5A	216,137	223,397	230,657	237,917	2 x 5
	WDD080^E6A	274,038	282,750	291,462	300,174	2 x 6
	WDD093^E7A	318,656	328,820	338,984	349,148	2 x 7

- Factory Mounted Options & Shipped-Loose Accessories start on page 128.
- ^ Represents Voltage. "E" - 208-230/3/60, "G" - 460/3/60, "N" - 200-220/3/50 or "Q" - 380/3/50.
- These models fulfill California Title 24 condenser efficiency requirements when utilizing Variable Frequency Drives and 10 FPI coils.

QUANTUM AIR™

MODELS WITH 900 RPM, VARIABLE SPEED EC MOTORS

	Model No.	List Price (\$US)				Fan Configuration
		8 FPI	10 FPI	12 FPI	14 FPI	
SINGLE FAN WIDTH	WDS004^G1A	23,421	24,147	24,873	25,599	1 x 1
	WDS005^G1A	26,942	27,668	28,394	29,120	1 x 1
	WDS007^G1A	28,861	29,587	30,313	31,039	1 x 1
	WDS010^G2A	48,026	49,478	50,930	52,382	1 x 2
	WDS014^G2A	58,170	59,622	61,074	62,526	1 x 2
	WDS015^G2A	65,034	66,486	67,938	69,390	1 x 2
	WDS021^G3A	85,861	88,039	90,217	92,395	1 x 3
	WDS025^G3A	94,772	96,950	99,128	101,306	1 x 3
	WDS028^G4A	117,941	120,845	123,749	126,653	1 x 4
	WDS033^G4A	127,885	130,789	133,693	136,597	1 x 4
	WDS035^G5A	147,246	150,876	154,506	158,136	1 x 5
	WDS044^G5A	162,704	166,334	169,964	173,594	1 x 5
	WDS052^G6A	194,886	199,242	203,598	207,954	1 x 6
	WDS061^G7A	228,465	233,547	238,629	243,711	1 x 7
DOUBLE FAN WIDTH	WDD020^G2A	97,812	100,716	103,620	106,524	2 x 2
	WDD028^G2A	116,214	119,118	122,022	124,926	2 x 2
	WDD032^G2A	128,399	131,303	134,207	137,111	2 x 2
	WDD042^G3A	174,006	178,362	182,718	187,074	2 x 3
	WDD049^G3A	192,839	197,195	201,551	205,907	2 x 3
	WDD056^G4A	232,629	238,437	244,245	250,053	2 x 4
	WDD065^G4A	255,505	261,313	267,121	272,929	2 x 4
	WDD070^G5A	294,499	301,759	309,019	316,279	2 x 5
	WDD087^G5A	325,742	333,002	340,262	347,522	2 x 5
	WDD105^G6A	389,735	398,447	407,159	415,871	2 x 6
	WDD122^G7A	457,703	467,867	478,031	488,195	2 x 7

- Factory Mounted Options & Shipped-Loose Accessories start on page 128.
- ^ Represents Voltage. "E" - 208-230/3/60, "G" - 460/3/60, "N" - 200-220/3/50 or "Q" - 380/3/50.
- These models fulfill California Title 24 condenser efficiency requirements when utilizing Variable Frequency Drives and 10 FPI coils.

QUANTUM AIR™

MODELS WITH 1200 RPM, VARIABLE SPEED EC MOTORS

	Model No.	List Price (\$US)				Fan Configuration
		8 FPI	10 FPI	12 FPI	14 FPI	
SINGLE FAN WIDTH	WDS005^K1A	23,421	24,147	24,873	25,599	1 x 1
	WDS006^K1A	26,942	27,668	28,394	29,120	1 x 1
	WDS008^K1A	28,861	29,587	30,313	31,039	1 x 1
	WDS013^K2A	48,026	49,478	50,930	52,382	1 x 2
	WDS016^K2A	58,170	59,622	61,074	62,526	1 x 2
	WDS019^K2A	65,034	66,486	67,938	69,390	1 x 2
	WDS024^K3A	85,861	88,039	90,217	92,395	1 x 3
	WDS028^K3A	94,772	96,950	99,128	101,306	1 x 3
	WDS032^K4A	117,941	120,845	123,749	126,653	1 x 4
	WDS038^K4A	127,885	130,789	133,693	136,597	1 x 4
	WDS041^K5A	147,246	150,876	154,506	158,136	1 x 5
	WDS049^K5A	162,704	166,334	169,964	173,594	1 x 5
	WDS059^K6A	194,886	199,242	203,598	207,954	1 x 6
	WDS069^K7A	228,465	233,547	238,629	243,711	1 x 7
DOUBLE FAN WIDTH	WDD023^K2A	97,812	100,716	103,620	106,524	2 x 2
	WDD032^K2A	116,214	119,118	122,022	124,926	2 x 2
	WDD038^K2A	128,399	131,303	134,207	137,111	2 x 2
	WDD047^K3A	174,006	178,362	182,718	187,074	2 x 3
	WDD057^K3A	192,839	197,195	201,551	205,907	2 x 3
	WDD063^K4A	232,629	238,437	244,245	250,053	2 x 4
	WDD075^K4A	255,505	261,313	267,121	272,929	2 x 4
	WDD082^K5A	294,499	301,759	309,019	316,279	2 x 5
	WDD099^K5A	325,742	333,002	340,262	347,522	2 x 5
	WDD118^K6A	389,735	398,447	407,159	415,871	2 x 6
	WDD138^K7A	457,703	467,867	478,031	488,195	2 x 7

- Factory Mounted Options & Shipped-Loose Accessories start on page 128.
- ^ Represents Voltage. "E" - 208-230/3/60, "G" - 460/3/60, "N" - 200-220/3/50 or "Q" - 380/3/50.
- These models fulfill California Title 24 condenser efficiency requirements when utilizing Variable Frequency Drives and 10 FPI coils.

QUANTUM AIR™

FACTORY MOUNTED OPTIONS

"-" Not Available

FAN CONFIGURATION	1 X 1	1 X 2	1 X 3	1 X 4	1 X 5	1 X 6	1 X 7
DISCONNECT OPTIONS							
Through the door non-fused disconnect	STANDARD						
Through the door fused disconnect	843	843	1,426	1,621	1,777	1,945	2,104
Main Power Circuit Breaker	1,728	1,728	2,140	2,140	2,140	2,140	2,140
Bladed Safety Switch, Non-fused	1,539	1,539	2,965	2,965	2,965	2,965	2,965
110 VAC - 20 Amp Convenience Outlet powered by separate building feed or transformer	621	621	621	621	621	621	621
FAN CYCLING OPTIONS - REQUIRES CONTACTOR OPTION							
Ambient fan cycling†	-	1,717	2,340	3,120	3,894	4,675	5,455
Mechanical Pressure fan cycling (per circuit) w/o Header†	-	2,583	2,829	3,766	4,711	5,653	6,589
Mechanical Pressure fan cycling (per circuit) w/ Header†	-	3,291	4,238	5,183	6,133	7,079	8,043
Electronic Pressure fan cycling (per circuit) w/o Header†	-	2,679	3,358	5,577	7,798	10,016	11,767
Electronic Pressure fan cycling (per circuit) w/ Header†	-	3,805	6,023	8,239	10,468	12,193	14,328
		2 X 2	2 X 3	2 X 4	2 X 5	2 X 6	2 X 7
DISCONNECT OPTIONS							
Through the door non-fused disconnect	STANDARD						
Through the door fused disconnect	1,621	1,945	2,509	3,079	3,650	4,217	
Main Power Circuit Breaker	2,140	2,140	2,291	2,291	2,291	2,291	
Bladed Safety Switch, Non-fused	2,965	2,965	3,744	3,744	3,744	3,744	
110 VAC - 20 Amp Convenience Outlet powered by separate building feed or transformer	621	621	621	621	621	621	
FAN CYCLING OPTIONS - REQUIRES CONTACTOR OPTION							
Ambient fan cycling†	1,717	2,340	3,120	3,894	4,675	5,455	
Mechanical Pressure fan cycling (per circuit) w/o Header†	2,583	2,829	3,766	4,711	5,653	6,589	
Mechanical Pressure fan cycling (per circuit) w/ Header†	3,291	4,238	5,183	6,133	7,079	8,043	
Electronic Pressure fan cycling (per circuit) w/o Header†	2,679	3,358	5,577	7,798	10,016	11,767	
Electronic Pressure fan cycling (per circuit) w/ Header†	3,805	6,023	8,239	10,468	12,193	14,328	
<i>Note: Header fan is continuous run and not cycled.</i>							
ALL							
ELECTRONIC HEADER END FAN SPEED CONTROL - REQ. CONTACTOR & FAN CYCLE ON 1X2 AND LARGER							
Variable speed header end fan (1 or 2 Circuit) Electronic control - pressure†	CONTACT FACTORY						

Notes and references for Options on page 131.

Continued on next page

QUANTUM AIR™

FACTORY MOUNTED OPTIONS

"-" Not Available

FAN CONFIGURATION	ALL						
ELECTRONIC HEADER END FAN SPEED CONTROL - REQ. CONTACTOR & FAN CYCLE ON 1X2 AND LARGER (continued)							
Variable speed header end fan (1 or 2 Circuit) Electronic control - pressure†	CONTACT FACTORY						
VARIABLE FREQUENCY DRIVE (VFD)							
VFD Package - Shipped Loose†	CONTACT FACTORY						
VFD Package - Factory Mounted†	CONTACT FACTORY						
CONTROL OPTIONS							
Control Circuit Breaker (2P - 15A)	557	557	557	557	557	557	557
Control Circuit Transformer†	1,050	1,050	1,050	1,050	1,050	1,050	1,050
	1 X 1	1 X 2	1 X 3	1 X 4	1 X 5	1 X 6	1 X 7
DISCONNECT OPTIONS // CONTROL BOARDS ‡ also require the contactor option							
CPC Relay Board + XFMR (1x1 thru 1x7 config) ‡	5,543	5,543	5,543	5,543	5,543	5,543	5,543
CPC Relay Boards (2)+ XFMR (2x5 thru 2x7 config) ‡	-	-	-	-	-	-	-
CPC Relay Board Condenser Split 50/50 (1 Board + Relay)	5,767	5,767	5,767	5,767	5,767	5,767	5,767
CPC Analog Speed Control Board And Transformer	5,802	5,802	5,802	5,802	5,802	5,802	5,802
DANFOSS Relay Board + XFMR (1x1 thru 2x4 config) ‡	5,563	5,563	5,563	5,563	5,563	5,563	5,563
DANFOSS Relay Boards (2) + XFMR (2x5 thru 2x7 config) ‡	-	-	-	-	-	-	-
DANFOSS Relay Board Condenser Split 50/50 (Relay) ‡	8,170	8,170	8,170	8,170	8,170	8,170	8,170
DANFOSS Analog Speed Control Board And Transformer	6,424	6,424	6,424	6,424	6,424	6,424	6,424
VSEC Stand Alone Motor Control (C450)	CONTACT FACTORY						
	2 X 2	2 X 3	2 X 4	2 X 5	2 X 6	2 X 7	
DISCONNECT OPTIONS // CONTROL BOARDS ‡ also require the contactor option							
CPC Relay Board + Xfmr (1x1 Thru 1x7 Config) ‡	5,543	5,543	5,543	-	-	-	-
CPC Relay Boards (2)+ Xfmr (2x5 Thru 2x7 Config) ‡	-	-	-	10,394	10,394	10,394	10,394
CPC Relay Board Condenser Split 50/50 (1 Board + Relay)	5,767	5,767	5,767	5,767	5,767	5,767	5,767
CPC Analog Speed Control Board And Transformer	5,802	5,802	5,802	5,802	5,802	5,802	5,802
DANFOSS Relay Board + Xfmr (1x1 Thru 2x4 Config) ‡	5,563	5,563	5,563	-	-	-	-
DANFOSS Relay Boards (2) + Xfmr (2x5 Thru 2x7 Config) ‡	-	-	-	11,406	11,406	11,406	11,406
DANFOSS Relay Board Condenser Split 50/50 (Relay) ‡	8,170	8,170	8,170	8,170	8,170	8,170	8,170
DANFOSS Analog Speed Control Board And Transformer	6,424	6,424	6,424	6,424	6,424	6,424	6,424
VSEC Stand Alone Motor Control (C450)	CONTACT FACTORY						

Notes and references for Options on page 131.

Continued on next page

QUANTUM AIR™

FACTORY MOUNTED OPTIONS

FAN CONFIGURATION	1 X 1	1 X 2	1 X 3	1 X 4	1 X 5	1 X 6	1 X 7
FAN CONTROL OPTIONS (CONTACTORS)							
Individual Motor Contactors†	441	882	1,323	1,764	2,205	2,646	3,087
Paired Motor Contactors†	NOT AVAILABLE						
NEMA rated Contactors - Individual†	1,810	3,621	5,431	7,242	9,052	10,863	12,673
NEMA rated Contactors - PAIRED†	NOT AVAILABLE						
Individual motor fuses†	445	890	1,336	1,781	2,226	2,671	3,116
Paired motor fuses†	NOT AVAILABLE						
Individual circuit breakers††	1,234	2,468	3,702	4,935	6,169	7,403	8,637
Paired circuit breakers††	NOT AVAILABLE						
Individual motor terminal boards†	313	625	938	1,251	1,564	1,876	2,189
Paired motor terminal blocks†	NOT AVAILABLE						
Fan toggle switches - per fan (to control contactors)†	186	371	557	742	928	1,113	1,299
Fan toggle switches - PAIRED (to control contactors)†	NOT AVAILABLE						
Fan toggle switches - per fan (to control Motors)†	843	1,685	2,528	3,371	4,214	5,056	5,899
Fan toggle switches - PAIRED (to control Motors)†	NOT AVAILABLE						
	2 X 2	2 X 3	2 X 4	2 X 5	2 X 6	2 X 7	
FAN CONTROL OPTIONS (CONTACTORS)							
Individual Motor Contactors†	1,764	2,646	3,528	4,410	5,292	6,173	
Paired Motor Contactors†	882	1,323	1,764	2,205	2,646	3,087	
Nema Rated Contactors - Individual†	7,242	10,863	14,484	18,105	21,726	25,347	
Nema Rated Contactors - Paired†	3,621	5,431	7,242	9,052	10,863	12,673	
Individual Motor Fuses†	1,781	2,671	3,562	4,452	5,342	6,233	
Paired Motor Fuses†	890	1,336	1,781	2,226	2,671	3,116	
Individual Circuit Breakers††	4,935	7,403	9,871	12,338	14,806	17,274	
Paired Circuit Breakers††	2,468	3,702	4,935	6,169	7,403	8,637	
Individual Motor Terminal Boards†	1,251	1,876	2,502	3,127	3,752	4,378	
Paired Motor Terminal Blocks†	625	938	1,251	1,564	1,876	2,189	
Fan Toggle Switches - Per Fan (To Control Contactors)†	742	1,113	1,484	1,855	2,226	2,597	
Fan Toggle Switches - Paired (To Control Contactors)†	371	557	742	928	1,113	1,299	
Fan Toggle Switches - Per Fan (To Control Motors)†	3,371	5,056	6,742	8,427	10,112	11,798	
Fan Toggle Switches - Paired (To Control Motors)†	1,685	2,528	3,371	4,214	5,056	5,899	

Notes and references for Options on next page.

QUANTUM AIR™

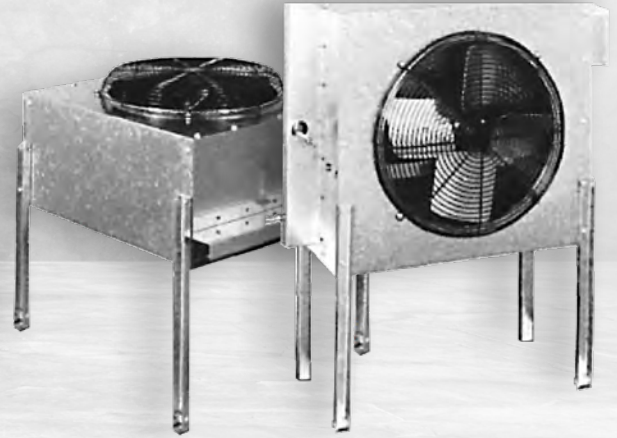
FACTORY MOUNTED OPTIONS

FAN CONFIGURATION	1 X 1	1 X 2	1 X 3	1 X 4	1 X 5	1 X 6	1 X 7
BUILD OPTIONS**							
Horizontal Air Discharge	1,246	1,821	2,684	3,294	3,873	4,456	4,999
Stainless Steel Housing	CONTACT APPLICATION ENGINEERING						
Leg Length - 21" Or 30" - Standard Vertical Air Discharge	261	519	777	777	777	958	1,217
Leg Length - 46" (Vertical Air Discharge Only)	311	615	919	919	919	1,133	1,432
Box Style Leg At Every Location- 25" (Vertical Air Discharge Only)	904	1,354	1,808	2,258	2,709	3,159	3,612
Sealtite Wiring To Motor Rail	388	480	728	983	1,211	1,462	1,703
Sealtite Wiring To Electrical Box	1,288	2,571	3,858	5,144	6,427	7,714	9,003
Condenser Base With 18" Legs (Vertical Air Discharge Only)	3,151	4,550	5,950	8,519	10,309	11,817	13,726
Condenser Base With 30 Or 46" Legs (Vertical Air Discharge Only)	3,375	4,996	6,615	8,437	11,418	13,103	15,226
Condenser / Receiver Assembly (Vertical Air Discharge Only)	CONTACT APPLICATION ENGINEERING						
Header End Control Panel Mounting (Specify Location Change)	NO ADDITIONAL CHARGE FOR THIS FEATURE						
		2 X 2	2 X 3	2 X 4	2 X 5	2 X 6	2 X 7
BUILD OPTIONS**							
Horizontal Air Discharge		3,646	5,311	6,585	7,745	8,907	10,003
Stainless Steel Housing	CONTACT APPLICATION ENGINEERING						
Leg Length - 21" Or 30" - Standard Vertical Air Discharge		519	777	777	777	958	1,217
Leg Length - 46" (Vertical Air Discharge Only)		615	919	919	919	1,133	1,432
Box Style Leg At Every Location- 25" (Vertical Air Discharge Only)		1,354	1,808	2,258	2,709	3,159	3,612
Sealtite Wiring To Motor Rail		983	1,462	1,945	2,436	2,920	3,390
Sealtite Wiring To Electrical Box		5,144	7,714	10,285	12,860	15,429	18,001
Condenser Base With 18" Legs (Vertical Air Discharge Only)		4,550	5,950	8,519	10,309	12,290	14,276
Condenser Base With 30 Or 46" Legs (Vertical Air Discharge Only)		4,996	6,615	9,413	11,418	13,625	15,834
Condenser / Receiver Assembly (Vertical Air Discharge Only)	CONTACT APPLICATION ENGINEERING						
Header End Control Panel Mounting (Specify Location Change)	NO ADDITIONAL CHARGE FOR THIS FEATURE						

* Multiple valves or manifolds are required for multi-circuit condensers.
 ** Contact Application Engineering to obtain price quotes for special fin materials or coatings.

† This option is not available for condensers with VSEC motors.
 †† Units with VSEC motors include individual circuit breaker. Paired circuit breakers are not available.

MULTI-CON SMALL CONDENSER



MODEL NOMENCLATURE

1	2	3	4	5	6	7	8	9	10	11	12	13
W	D	S	007	D	A	2	B	1	2	A	1	A

- | | | | |
|--|--|--|---|
| <p>1 Model Series
W - Witt</p> <p>2 Unit Type
D - Condenser</p> <p>3 Series
S - Single fan wide</p> <p>4 Capacity
3 Number Characters</p> <p>5 Voltage Code
D - 208-230/1/60
E - 208-230/3/60
F - 460/1/60
G - 460/3/60</p> | <p>6 Motor/Fan Type
A - 1075 RPM, 0.33 HP, Metal Blade
C - 850 RPM, 0.25 HP, Metal Blade
H^ - 1075 RPM, 0.5 HP Totally Enclosed, Metal Blade
T^ - 1075 RPM, 3/4 HP, Metal Blade</p> <p>7 Length in Fans - 1 or 2</p> | <p>8 Coil Density
A - 8 FPI
B - 10 FPI
C - 12 FPI
D - 14 FPI</p> <p>9 Coil Material & Coating Options*
1 - Aluminum fins
2 - Copper fins
3 - Al + AST coating
6 - Al + Heresite</p> <p>10 Housing Material & Coatings*
2 - Galvanized</p> | <p>11 Unit Design Configuration
A - Vertical Fan Discharge, Standard Legs
E - Vertical Fan Discharge, 30" Legs
N - Horizontal Fan Discharge, Standard Legs</p> <p>12 Circuit Splitting Options
1 - Full
2 - 50/50
X - Other</p> <p>13 Vintage Code
Single Alphanumeric Character
A - Initial Release</p> |
|--|--|--|---|

Contact Application Engineering to obtain price quotes for special fin materials or coatings.

Codes D, E, F, & G can be used w/50 or 60 Hz power

^ Code H & Code T can be used with E or G voltage only.

MULTI-CON

* represents voltage code.

1075 RPM • 0.33 HP MOTORS • SINGLE PHASE (D & F)					
Model No.	10 FPI List Price	Fan Configuration	Model No.	10 FPI List Price	Fan Configuration
WDS001*A1B12A1A	5,139	1 x 1	WDS007*A2B12A1A	16,416	1 x 2
WDS002*A1B12A1A	7,374		WDS009*A2B12A1A	20,637	
WDS003*A1B12A1A	8,431		WDS011*A2B12A1A	22,432	
WDS005*A1B12A1A	13,308				
1075 RPM • 0.75 HP MOTORS • 3 PHASE (E & G)					
WDS001*T1B12A1A	4,939	1 x 1	WDS007*T2B12A1A	16,225	1 x 2
WDS002*T1B12A1A	6,401		WDS009*T2B12A1A	19,746	
WDS003*T1B12A1A	7,120		WDS011*T2B12A1A	22,109	
WDS005*T1B12A1A	12,807				
850 RPM • 0.25 HP MOTORS • SINGLE PHASE (D & F)					
WDS001*C1B12A1A	5,139	1 x 1	WDS006*C2B12A1A	16,416	1 x 2
WDS002*C1B12A1A	7,374		WDS008*C2B12A1A	20,637	
WDS003*C1B12A1A	8,431		WDS009*C2B12A1A	22,432	
WDS004*C1B12A1A	13,308				
850 RPM • 0.25 HP MOTORS • 3 PHASE (E & G)					
WDS001*C1B12A1A	5,389	1 x 1	WDS006*C2B12A1A	16,917	1 x 2
WDS002*C1B12A1A	7,625		WDS008*C2B12A1A	21,137	
WDS003*C1B12A1A	8,681		WDS009*C2B12A1A	22,932	
WDS004*C1B12A1A	13,558				
1075 RPM • 0.5 HP MOTORS • TEAO • 3 PHASE (E & G)					
WDS001*H1B12A1A	6,820	1 x 1	WDS007*H2B12A1A	19,991	1 x 2
WDS002*H1B12A1A	8,285		WDS009*H2B12A1A	23,513	
WDS003*H1B12A1A	9,007		WDS011*H2B12A1A	25,875	
WDS005*H1B12A1A	14,688				

5. VOLTAGE CODE

6. MOTOR TYPE

Voltage	Available with Motor Code:	Motor	Available with Voltage Code:
D - 208-230/1/60	A and C	A - 1075 RPM, 0.33 HP	D and F
E - 208-230/3/60	C, H, and T	C - 850 RPM, 0.25 HP	D, E, F, and G
F - 460/1/60	A and C	H - 1075 RPM, 0.5 HP	E and G (3 Phase units only)
G - 460/3/60	C, H, and T	T - 1075 RPM, 0.75 HP	E and G (3 Phase units only)

MULTI-CON

7. INDICATES LENGTH IN FANS (1 OR 2)

8. COIL DENSITY OPTIONS PRICE ADD OR DEDUCT (8 FPI)

Fan Configuration	A - 8 FPI	B - 10 FPI	C - 12 FPI	D - 14 FPI
1 x 1	(604)	-	770	1,539
1 x 2	(1,206)	-	1,539	3,069

9. COIL MATERIAL & COATING OPTIONS**

Aluminum fins (standard) / Copper fins

No coating (standard) / Al + AST coating / Al + heresite coating

10. HOUSING MATERIAL & COATING OPTIONS**

Galvanized (standard)

11. UNIT DESIGN CONFIGURATION

Leg Configuration	Fan Config. 1 x 1	Fan Config. 1 x 2
A - Vertical fan discharge, standard 15" legs	-	-
E - Vertical fan discharge, standard 30" legs	262	262
N - Horizontal fan discharge, standard legs	-	-

12. CIRCUIT SPLITTING OPTIONS**

Full (standard) / 50/50 / Multi-circuiting /
Sub-cooling circuit / Other

AVAILABLE OPTIONS**

Fan cycling head pressure control (2 fan model only)

Variable speed fan control (header end fan only)

Flooded head pressure control (shipped loose)

N/A - Not Available • **N/C** - No Additional Charge • **_** - Base Model Feature

* Codes D, E, F, and G can be used with 50 or 60 Hz power

** Contact Application Engineering to obtain price quotes for special fin materials, coating, circuit splitting, and available options

- Horizontal discharge orientation is available using standard leg arrangement code A
- Floating coil is not available for small condensers

- 1 Applicable Law and Terms of Sale: All orders shall be subject to the following terms and conditions notwithstanding any additional or contrary printed terms and conditions of Buyer. Such additional or contrary terms shall not bind Seller unless accepted in writing even though such terms do not materially alter the terms hereof. No oral statements, warranties, stipulations, representations or terms shall have any binding effect or be any part of the contract whatsoever.
- 2 Orders: All orders must be in writing and will be binding when our order acknowledgment is mailed. Orders are accepted subject to strikes, fires, accidents, and other causes beyond our reasonable control. Acceptance of your order is conditioned upon an agreement to hold us harmless by reason of delivery delays.
- 3 Prices: Subject to change without notice, and all quotations, unless otherwise specified, are binding only for immediate acceptance. Prices are based on material made to Seller's standard tolerances, unless otherwise specified.
- 4 Freight: All products are shipped FOB Point of Shipment with full freight allowed on single orders with a net price value of \$10,000.00 or more, except surface coils and parts, within the continental USA (excluding Alaska and Hawaii). Shipments to destinations outside the continental USA, that meet freight allowance requirements, will incur charges for the additional transport beyond the USA border. Seller reserves the choice of transportation mode, carrier, and shipping point. If special routing (dedicated/contract haul, flatbed delivery, appointment to meet a crane, etc.) is required/requested for a purchase order of \$10,000.00 or greater, Buyer will be assessed a special delivery charge per truck. Charges of \$80 per hour resulting from excessive unloading time, beyond the allotted "free time" (two hours per stop on partial loads and/or full truck loads), as defined by the carrier, is subject to being passed on to the customer. The responsibility of the Seller shall cease upon delivery of product in good condition to a common carrier (TL, LTL, FLATBED, ETC). Since all goods are shipped at Buyer's risk, they should be examined carefully before signing delivery receipt. If common carrier tenders delivery of goods in damaged condition or if packages delivered do not correspond with the number called for on the freight bill, Buyer should insist on common carrier's agent (DRIVER) making notation of the condition of shortages or damage on delivery receipt. The Buyer should never refuse freight from the common carrier. Filing freight claims are under the responsibility of the Buyer, and this will enable them to secure prompt payment of claim for damaged or lost material. Sometimes damage or loss is not readily apparent, so it is suggested that Buyer thoroughly inspect each shipment as soon as it is received for concealed loss or damage. Refer to HTPG's 2019 Freight Policy for further information.
- 5 Taxes: Any sales, use, excise, or similar tax payable by Seller which is or may be imposed by any taxing authority upon manufacture, sale or delivery of goods covered by any order or any increase in rate of any such tax now in force, shall be added to the sales price; if not collected at the time of payment of sales price, Buyer will hold Seller harmless.
- 6 Limited Warranty: Seller warrants against defect in materials and workmanship in products which it manufactures for (1) year from date of installation or up to (18) eighteen months from the date of shipment, whichever event occurs first, when properly installed and operated under normal use. This guarantee does not include any labor or other charges made outside of the Seller's factory for replacement or repair of defective parts unless specifically stated in the body of the Seller's invoice. On parts not manufactured by Seller, such as motors, controls, valves and compressors we extend to the Buyer the same warranties made to us by the manufacturer. Seller's only liability under this warranty or otherwise shall be the repair or replacement (at Seller's option) of non-conforming goods or parts. Seller assumes no liability for incidental or consequential damages such as injury to person or property, or lost profits.
- 7 THIS GUARANTEE SUPERSEDES AND IS IN LIEU OF ANY AND ALL OTHER WARRANTIES BY LAW OR CUSTOM, EITHER EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED BY THIS ENUMERATION, ANY GUARANTEE AS TO QUALITY OR FITNESS FOR ANY PARTICULAR PURPOSE, EXCEPT AS SET FORTH ABOVE. NO PERSON, AGENT, OR DEALER IS AUTHORIZED TO GIVE ANY WARRANTIES ON BEHALF OF SELLER NOR TO ASSUME FOR SELLER ANY OTHER LIABILITY IN CONNECTION WITH ANY OF THE SELLER'S PRODUCTS.
- 8 Delivery: Seller shall not be liable for any delays in or failure of delivery due to acts of God or public authority, labor disputes, accidents, fires, floods, extreme weather conditions, failure of and delays by carriers, shortages of material, delays of a supplier, and any other cause beyond Seller's control. In no event shall Seller be liable for consequential or special damages arising out of a delay in or failure of delivery. Failure to meet estimated ship dates will not be considered sufficient cause of cancellation of orders.
- 9 Cancellations and Returned Goods: Permission to return any part or product must be obtained from Seller and may be subject to a restocking charge. Credits for new material accepted for return will be at the original sales price or current market price, whichever is lower, less handling and restocking charges. Buyer must prepay all transportation charges. Any costs for putting material in condition for resale will be charged to the Buyer. Shipment of material returned without factory authorization or not properly tagged with a Return Material Authorization Number or not freight prepaid cannot be received by Seller. Obsolete products or material made to special order are not returnable.
- 10 Catalog Materials and Drawings: Seller is not responsible for typographical errors or other errors of omission in Seller's catalogs or drawings.
- 11 Late Charge Provision: Buyer agrees to pay a late charge of 1-1/2% per month (18% per year) for any invoice or bill not paid within (30) thirty days of the date of the billing invoice.
- 12 Choices of law, Disputes: This agreement and the performance of the parties hereunder shall be construed in accordance with and governed by the laws of the State of Georgia and shall be deemed made in the state. Buyer irrevocably consents to the exclusive jurisdiction of the courts of Fulton County, on all matters arising out of or relating to this sale and Buyer further irrevocably consents to service of process by certified mail, return receipt requested, at Buyer's address set forth in the order acknowledgment.



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