A2L
EQUIPMENT PRICE LIST

MARCH 2026

WT2603PRICE-A2L

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 Sellers 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

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94 Water-Cooled Condensing Units

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WALK-IN
UNIT COOLERS

- **Next-Gen All Temp**
- **Dual-Rated Next-Gen All Temp**
- **Center Mount: Low Height**
- **Center Mount: Low Velocity**
- **Medium Profile**
- **Heavy Duty**
- **Warehouse**

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 Cooler & Freezer Applications

BTUH

Air Defrost 5,000 - 47,700
Electric Defrost 3,200 - 34,300

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	A	L	6	E	042	E	D	A
Brand	Refrigerant Class	Style^	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W = Witt	A = A2L	L = Low Profile (Standard) U = Low Profile Reverse Connections	6 FPI 4 FPI	A = Air E = Electric (Low Temp)	# x 100 = BTUH	A = 115/1/60 D = 230/1/60 E = 208-230/3/60	D = Dual Speed EC	A

Not all combinations of nomenclature are available. For specific offering, see following pages or consult with one of our sales representatives.
CO2 and Glycol Next-Gen All Temp Unit Coolers available. If required, please contact factory.
^ 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.

PRE-CONFIGURATION CODES[1]

R	S	F
Refrigerant	Valve	Pre-assembly Code
R = EcoNet® Approved Refrigerants[2] T = 454A V = 454C, R455A	S = Sporlan SER P = Mechanical TXV	F = EcoNet® 2.0 Control Package[3] N = Mounted TXV & Electronic Thermostat M = Mounted TXV & Mechanical Thermostat[4]

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: R454A, R454C, and R455A.
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. Models with Pre-configured Mechanical Components (TXV 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

Small to Medium Cooler & Freezer Applications

BTUH

Air Defrost 5,000 - 47,700
Electric Defrost 3,200 - 34,300

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS	
Textured aluminum construction	●
All units are provided with sweat refrigerant connections	●
All units suitable for use with R454A, R454C and R455A	●
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	●
Coated aluminum fins	○
EcoNet® Enabled Unit Cooler controller	○
EcoNet® Command Center	○
Coated housing	○
Adjustable termination/fan delay control	○
Insulated drain pan	○

NEXT-GEN ALL TEMP • LOW PROFILE

AIR DEFROST CONFIGURABLE BASE MODELS

No. of Fans	Dual Speed EC Motors - 6 FPI		
	115 V	230 V	List Price ($US)
	Model No.	Model No.	
1	WAL6A050ADA	WAL6A050DDA	3,912
	WAL6A062ADA	WAL6A062DDA	4,017
	WAL6A081ADA	WAL6A081DDA	4,664
2	WAL6A088ADA	WAL6A088DDA	6,093
	WAL6A113ADA	WAL6A113DDA	6,902
	WAL6A141ADA	WAL6A141DDA	7,250
	WAL6A159ADA	WAL6A159DDA	7,743
3	WAL6A170ADA	WAL6A170DDA	9,367
	WAL6A196ADA	WAL6A196DDA	10,401
	WAL6A220ADA	WAL6A220DDA	11,335
4	WAL6A234ADA	WAL6A234DDA	12,213
	WAL6A289ADA	WAL6A289DDA	14,811
	WAL6A316ADA	WAL6A316DDA	16,140
5	WAL6A375ADA	WAL6A375DDA	18,508
6	WAL6A404ADA	WAL6A404DDA	19,865
	WAL6A477ADA	WAL6A477DDA	22,304

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

No. of Fans	Factory Mounted Options // List Price Adder ($US)							
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	KE2 Evaporator Defrost Control Package[2]	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	792	2,546	3,275	8,127	584	876	1,029	2,775
2	792	2,546	3,275	8,127	584	876	1,300	3,050
3	792	2,546	3,275	8,127	584	876	1,578	3,350
4	792	2,546	3,275	8,127	584	876	1,814	3,610
5	792	2,546	3,275	8,127	584	876	2,071	3,900
6	1,489	2,546	3,275	8,127	584	876	2,355	4,170

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available
See additional notes on next page

NEXT-GEN ALL TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED[3] MODELS // CODE TPN/VPN

Models include mounted TXV and Electronic Thermostat[4]

No. of Fans	Dual Speed EC Motors - 6 FPI			
	115 V		208-230 V	List Price ($US)
	Model No. R454A	Model No. R454C, R455A	Model No. R454C, R455A	
1	WAL6A050ADATPN	WAL6A050ADAVPN	WAL6A050DDAVPN	5,580
	WAL6A062ADATPN	WAL6A062ADAVPN	WAL6A062DDAVPN	5,685
	WAL6A081ADATPN	WAL6A081ADAVPN	WAL6A081DDAVPN	6,332
2	WAL6A088ADATPN	WAL6A088ADAVPN	WAL6A088DDAVPN	7,761
	WAL6A113ADATPN	WAL6A113ADAVPN	WAL6A113DDAVPN	8,570
	WAL6A141ADATPN	WAL6A141ADAVPN	WAL6A141DDAVPN	8,918
	WAL6A159ADATPN	WAL6A159ADAVPN	WAL6A159DDAVPN	9,411
3	WAL6A170ADATPN	WAL6A170ADAVPN	WAL6A170DDAVPN	11,035
	WAL6A196ADATPN	WAL6A196ADAVPN	WAL6A196DDAVPN	12,069
	WAL6A220ADATPN	WAL6A220ADAVPN	WAL6A220DDAVPN	13,003
4	WAL6A234ADATPN	WAL6A234ADAVPN	WAL6A234DDAVPN	13,881
	WAL6A289ADATPN	WAL6A289ADAVPN	WAL6A289DDAVPN	16,479
	WAL6A316ADATPN	WAL6A316ADAVPN	WAL6A316DDAVPN	17,808
5	WAL6A375ADATPN	WAL6A375ADAVPN	WAL6A375DDAVPN	20,176
6	WAL6A404ADATPN	WAL6A404ADAVPN	WAL6A404DDAVPN	22,230
	WAL6A477ADATPN	WAL6A477ADAVPN	WAL6A477DDAVPN	24,669

AIR DEFROST CONFIGURABLE OPTIONS (PREVIOUS PAGE)

1. Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
2. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 17 • 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

3 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.

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

Solenoid Shut off valves (SSOV) operate as double duty isolation/liquid line solenoid valve and are required to ship loose and be installed in the field, outside the refrigerated space. Solenoid shut off valves and check shut off valves (CSOV) pricing is available on page 17, with all shipped-loose accessories.

NEXT-GEN ALL TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED[1] MODELS // CODE TPM/VPM

Models include mounted TXV and Mechanical Thermostat[2]

No. of Fans	Dual Speed EC Motors - 6 FPI		
	115 V		
	Model No. R454A	Model No. R454C, R455A	List Price ($US)
1	WAL6A050ADATPM	WAL6A050ADAVPM	5,288
	WAL6A062ADATPM	WAL6A062ADAVPM	5,393
	WAL6A081ADATPM	WAL6A081ADAVPM	6,040
2	WAL6A088ADATPM	WAL6A088ADAVPM	7,469
	WAL6A113ADATPM	WAL6A113ADAVPM	8,278
	WAL6A141ADATPM	WAL6A141ADAVPM	8,626
	WAL6A159ADATPM	WAL6A159ADAVPM	9,119
3	WAL6A170ADATPM	WAL6A170ADAVPM	10,743
	WAL6A196ADATPM	WAL6A196ADAVPM	11,777
	WAL6A220ADATPM	WAL6A220ADAVPM	12,711
4	WAL6A234ADATPM	WAL6A234ADAVPM	13,589
	WAL6A289ADATPM	WAL6A289ADAVPM	16,187
	WAL6A316ADATPM	WAL6A316ADAVPM	17,516
5	WAL6A375ADATPM	WAL6A375ADAVPM	19,884
6	WAL6A404ADATPM	WAL6A404ADAVPM	21,938
	WAL6A477ADATPM	WAL6A477ADAVPM	24,377

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 and Mechanical or Electronic Thermostat) are rated for +25°FSST/10°FTD (Air Defrost) and -20°FSST/10°FTD (Electric Defrost).

Solenoid Shut off valves (SSOV) operate as double duty isolation/liquid line solenoid valve and are required to ship loose and be installed in the field, outside the refrigerated space. Solenoid shut off valves and check shut off valves (CSOV) pricing is available on page 17, with all shipped-loose accessories.

NEXT-GEN ALL TEMP • LOW PROFILE

AIR DEFROST PRE-CONFIGURED[1] MODELS // CODE RSF // ECONET® 2.0 WITH SER VALVE

Models include EcoNet® 2.0 Control Package[2, 3]

No. of Fans	Dual Speed EC Motors - 6 FPI - EcoNet® 2.0 Control Package[2,3]		
	115 V	208-230 V	List Price ($US)
	Model No.	Model No.	
1	WAL6A050ADARSF	WAL6A050DDARSF	7,187
	WAL6A062ADARSF	WAL6A062DDARSF	7,292
	WAL6A081ADARSF	WAL6A081DDARSF	7,939
2	WAL6A088ADARSF	WAL6A088DDARSF	9,368
	WAL6A113ADARSF	WAL6A113DDARSF	10,177
	WAL6A141ADARSF	WAL6A141DDARSF	10,525
	WAL6A159ADARSF	WAL6A159DDARSF	11,018
3	WAL6A170ADARSF	WAL6A170DDARSF	12,642
	WAL6A196ADARSF	WAL6A196DDARSF	13,676
	WAL6A220ADARSF	WAL6A220DDARSF	14,610
4	WAL6A234ADARSF	WAL6A234DDARSF	15,488
	WAL6A289ADARSF	WAL6A289DDARSF	18,086
	WAL6A316ADARSF	WAL6A316DDARSF	19,415
5	WAL6A375ADARSF	WAL6A375DDARSF	21,783
6	WAL6A404ADARSF	WAL6A404DDARSF	23,140
	WAL6A477ADARSF	WAL6A477DDARSF	25,579

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: R454A, R454C, and R455A.
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.). SSOV and CSOV valves are still required with EcoNet® Enabled Unit Coolers to satisfy safety mitigation requirements.

Solenoid Shut off valves (SSOV) operate as double duty isolation/liquid line solenoid valve and are required to ship loose and be installed in the field, outside the refrigerated space. Solenoid shut off valves and check shut off valves (CSOV) pricing is available on page 17, with all shipped-loose accessories.

NEXT-GEN ALL TEMP • LOW PROFILE

AIR DEFROST REVERSE CONNECTION // BASE MODEL

No configuration allowed

No. of Fans	Dual Speed EC Motors - 6 FPI		
	115 V	208-230 V	List Price ($US)
	Model No.	Model No.	
1	WAU6A050ADA	WAU6A050DDA	3,912
	WAU6A062ADA	WAU6A062DDA	4,017
	WAU6A081ADA	WAU6A081DDA	4,664
2	WAU6A088ADA	WAU6A088DDA	6,093
	WAU6A113ADA	WAU6A113DDA	6,902
	WAU6A141ADA	WAU6A141DDA	7,250
	WAU6A159ADA	WAU6A159DDA	7,743
3	WAU6A170ADA	WAU6A170DDA	9,367
	WAU6A196ADA	WAU6A196DDA	10,401
	WAU6A220ADA	WAU6A220DDA	11,335
4	WAU6A234ADA	WAU6A234DDA	12,213
	WAU6A289ADA	WAU6A289DDA	14,811
	WAU6A316ADA	WAU6A316DDA	16,140
5	WAU6A375ADA	WAU6A375DDA	18,508
6	WAU6A404ADA	WAU6A404DDA	19,865
	WAU6A477ADA	WAU6A477DDA	22,304

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.

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	WAL6E042DDA	5,337	WAL4E032DDA	5,123
	WAL6E051DDA	5,937	WAL4E040DDA	5,698
	WAL6E058DDA	6,532	WAL4E046DDA	6,273
2	WAL6E079DDA	8,232	WAL4E061DDA	7,900
	WAL6E092DDA	8,659	WAL4E076DDA	8,316
	WAL6E110DDA	8,914	WAL4E099DDA	8,558
	WAL6E129DDA	10,445	Not Available	
3	WAL6E148DDA	11,679	WAL4E114DDA	11,208
	WAL6E173DDA	13,324	WAL4E133DDA	12,794
4	WAL6E194DDA	15,629	WAL4E150DDA	15,000
	WAL6E218DDA	17,246	WAL4E170DDA	16,552
5	WAL6E237DDA	19,393	WAL4E184DDA	18,621
6	WAL6E290DDA	22,751	WAL4E232DDA	21,841
	WAL6E343DDA	25,190	WAL4E281DDA	24,181

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

No. of Fans	Factory Mounted Options // List Price Adder ($US)								
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	KE2 Evaporator Defrost Control Package[2]	Mechanical Thermostat	Electronic Thermostat	Adjustable Termination Switch/Fan Delay	Insulated Drain Pan	Finkote2 Coating
1	792	2,546	3,275	8,127	584	876	603	1,029	2,775
2	792	2,546	3,275	8,127	584	876	603	1,300	3,050
3	792	2,546	3,275	8,127	584	876	603	1,578	3,350
4	792	2,546	3,275	8,127	584	876	603	1,814	3,610
5	792	2,546	3,275	8,127	584	876	603	2,071	3,900
6	1,489	2,546	3,275	8,127	584	876	603	2,355	4,170

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available
See additional notes on next page

NEXT-GEN ALL TEMP • LOW PROFILE

ELECTRIC DEFROST PRE-CONFIGURED[5] MODELS // CODE TPN/VPN

Models include mounted TXV and Electronic Thermostat[6]

No. of Fans	Dual Speed EC Motors - 6 FPI		
	230 V		
	Model No. R454A	Model No. R454C, R455A	List Price ($US)
1	WAL6E042DDATPN	WAL6E042DDAVPN	7,005
	WAL6E051DDATPN	WAL6E051DDAVPN	7,605
	WAL6E058DDATPN	WAL6E058DDAVPN	8,200
2	WAL6E079DDATPN	WAL6E079DDAVPN	9,900
	WAL6E092DDATPN	WAL6E092DDAVPN	10,327
	WAL6E110DDATPN	WAL6E110DDAVPN	10,582
	WAL6E129DDATPN	WAL6E129DDAVPN	12,113
3	WAL6E148DDATPN	WAL6E148DDAVPN	13,347
	WAL6E173DDATPN	WAL6E173DDAVPN	14,992
4	WAL6E194DDATPN	WAL6E194DDAVPN	17,297
	WAL6E218DDATPN	WAL6E218DDAVPN	18,914
5	WAL6E237DDATPN	WAL6E237DDAVPN	21,061
6	WAL6E290DDATPN	WAL6E290DDAVPN	25,116
	WAL6E343DDATPN	WAL6E343DDAVPN	27,555

ELECTRIC DEFROST CONFIGURABLE OPTIONS (PREVIOUS PAGE)

1. Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
2. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 17 • 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 and Mechanical or Electronic Thermostat) are rated for +25°FSST/10°FTD (Air Defrost) and -20°FSST/10°FTD (Electric Defrost).

Solenoid Shut off valves (SSOV) operate as double duty isolation/liquid line solenoid valve and are required to ship loose and be installed in the field, outside the refrigerated space. Solenoid shut off valves and check shut off valves (CSOV) pricing is available on page 17, with all shipped-loose accessories.

NEXT-GEN ALL TEMP • LOW PROFILE

ELECTRIC DEFROST PRE-CONFIGURED[1] MODELS // CODE TPM/VPM

Models include mounted TXV and Mechanical Thermostat[2]

No. of Fans	Dual Speed EC Motors - 6 FPI		
	230 V		
	Model No. R454A	Model No. R454C, R455A	List Price ($US)
1	WAL6E042DDATPM	WAL6E042DDAVPM	6,713
	WAL6E051DDATPM	WAL6E051DDAVPM	7,313
	WAL6E058DDATPM	WAL6E058DDAVPM	7,908
2	WAL6E079DDATPM	WAL6E079DDAVPM	9,608
	WAL6E092DDATPM	WAL6E092DDAVPM	10,035
	WAL6E110DDATPM	WAL6E110DDAVPM	10,290
	WAL6E129DDATPM	WAL6E129DDAVPM	11,821
3	WAL6E148DDATPM	WAL6E148DDAVPM	13,055
	WAL6E173DDATPM	WAL6E173DDAVPM	14,700
4	WAL6E194DDATPM	WAL6E194DDAVPM	17,005
	WAL6E218DDATPM	WAL6E218DDAVPM	18,622
5	WAL6E237DDATPM	WAL6E237DDAVPM	20,769
6	WAL6E290DDATPM	WAL6E290DDAVPM	24,824
	WAL6E343DDATPM	WAL6E343DDAVPM	27,263

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 and Mechanical or Electronic Thermostat) are rated for +25°FSST/10°FTD (Air Defrost) and -20°FSST/10°FTD (Electric Defrost).

Solenoid Shut off valves (SSOV) operate as double duty isolation/liquid line solenoid valve and are required to ship loose and be installed in the field, outside the refrigerated space. Solenoid shut off valves and check shut off valves (CSOV) pricing is available on page 17, with all shipped-loose accessories.

NEXT-GEN ALL TEMP • LOW PROFILE

ELECTRIC DEFROST PRE-CONFIGURED[1] MODELS // CODE RSF

Models include EcoNet® 2.0 Control Package[2, 3] with SER Valve

No. of Fans	Dual Speed EC Motors - 6 FPI - 230 V	
	EcoNet® 2.0 Control Package[2,3]	
	Model No.	List Price ($US)
1	WAL6E042DDARSF	8,612
	WAL6E051DDARSF	9,212
	WAL6E058DDARSF	9,807
2	WAL6E079DDARSF	11,507
	WAL6E092DDARSF	11,934
	WAL6E110DDARSF	12,189
	WAL6E129DDARSF	13,720
3	WAL6E148DDARSF	14,954
	WAL6E173DDARSF	16,599
4	WAL6E194DDARSF	18,904
	WAL6E218DDARSF	20,521
5	WAL6E237DDARSF	22,668
6	WAL6E290DDARSF	26,026
	WAL6E343DDARSF	28,465

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: R454A, R454C, and R455A.
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.). SSOV and CSOV valves are still required with EcoNet® Enabled Unit Coolers to satisfy safety mitigation requirements.

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

Solenoid Shut off valves (SSOV) operate as double duty isolation/liquid line solenoid valve and are required to ship loose and be installed in the field, outside the refrigerated space. Solenoid shut off valves and check shut off valves (CSOV) pricing is available on page 17, with all shipped-loose accessories.

NEXT-GEN ALL TEMP • LOW PROFILE

ELECTRIC DEFROST REVERSE CONNECTION // BASE MODEL

No configuration allowed

No. of Fans	Dual Speed EC Motors - 6 FPI	
	208-230 V	
	Model No.	List Price ($US)
1	WAU6E042DDA	5,337
	WAU6E051DDA	5,937
	WAU6E058DDA	6,532
2	WAU6E079DDA	8,232
	WAU6E092DDA	8,659
	WAU6E110DDA	8,914
	WAU6E129DDA	10,445
3	WAU6E148DDA	11,679
	WAU6E173DDA	13,324
4	WAU6E194DDA	15,629
	WAU6E218DDA	17,246
5	WAU6E237DDA	19,393
6	WAU6E290DDA	22,751
	WAU6E343DDA	25,190

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.

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	1,684
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	549
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	709

VALVES

Option Name	Range	List Price ($US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,964
	16 to 25 Tons	2,820
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	644
	4 to 9 Tons	917
	10 to 30 Tons	1,613

SHUT-OFF VALVES

No. of Fans	List Price ($US)	
	Solenoid Shut-Off Valve (SSOV)	Check Shut-Off Valve (CSOV)
1	850	224
2	850	224
3	850	224
4	850	224
5	887	324
6	887	324

All A2L Evaporators require SSOV and CSOV isolation valves, which must be shipped loose for field installation.

DUAL-RATED NEXT-GEN ALL TEMP LOW PROFILE

Small to Medium Cooler & Freezer Applications

BTUH

Air Defrost 4,100 to 37,500

Electric Defrost 4,200 to 23,700

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	D	L	6	A	050	A	D	A
Brand	Refrigerant Class	Connections	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W = Witt	D = Dual-Rated A1/A2L (R404A, R407A, R448A, R449A/B, R454A, R454C, R455A)	L = Standard	6 FPI	A = Air E = Electric	# x 100 = BTUH	A = 115/1/60 D = 230/1/60	D = Dual Speed EC	

FEATURES & OPTIONS

● Standard ○ Optional

Textured aluminum construction	●
All units are provided with sweat refrigerant connections	●
All units suitable for use with R404A, R407A, R407C, R407F, R448A, R449A/B	●
Units suitable for A2L refrigerants (R454A, R454C and R455A) with installed A2L conversion kit (sold separately)	○
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	●

DUAL-RATED ALL TEMP • LOW PROFILE

DUAL-RATED AIR DEFROST BASE MODEL WITHOUT A2L CONVERSION KIT

No. of Fans	Dual Speed EC Motors	
	115 V	
	Model No.	List Price ($US)
1	WDL6A050ADA	3,308
	WDL6A062ADA	3,398
	WDL6A081ADA	3,945
2	WDL6A088ADA	5,154
	WDL6A113ADA	5,838
	WDL6A141ADA	6,133
	WDL6A159ADA	6,549
3	WDL6A170ADA	7,923
	WDL6A196ADA	8,797
	WDL6A220ADA	9,682
4	WDL6A234ADA	10,534
	WDL6A289ADA	13,207
	WDL6A316ADA	14,458
5	WDL6A375ADA	16,580

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.

CONVERSION KIT PRICING

Part No.	Part Description	List Price ($US)
08543357	A2L Conversion Kit - Air Defrost	1,745
08543358	A2L Conversion Kit - Electric Defrost	1,946
08543559	A2L Conversion Kit - Additional Sensor (Required on 5 Fan Units)	593

DUAL-RATED ALL TEMP • LOW PROFILE

DUAL-RATED BASE ELECTRICAL DEFROST MODEL WITHOUT A2L CONVERSION KIT

No. of Fans	Dual Speed EC Motors	
	230 V	
	Model No.	List Price ($US)
1	WDL6E051DDA	5,021
	WDL6E058DDA	5,525
2	WDL6E079DDA	6,963
	WDL6E092DDA	7,324
	WDL6E110DDA	7,540
	WDL6E129DDA	8,835
3	WDL6E148DDA	9,879
	WDL6E173DDA	11,492
4	WDL6E194DDA	13,936
	WDL6E218DDA	15,449
5	WDL6E237DDA	17,373

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.

CONVERSION KIT PRICING

Part No.	Part Description	List Price ($US)
08543357	A2L Conversion Kit - Air Defrost	1,745
08543358	A2L Conversion Kit - Electric Defrost	1,946
08543559	A2L Conversion Kit - Additional Sensor (Required on 5 Fan Units)	593

DUAL-RATED ALL TEMP • LOW PROFILE

Shipped Loose Accessories

SHUT-OFF VALVES SHUT-OFF VALVES - REQUIRED FOR A2L REFRIGERANTS ONLY

No. of Fans	List Price ($US)	
	Solenoid Shut-Off Valve (SSOV)	Check Shut-Off Valve (CSOV)
1	850	224
2	850	224
3	850	224
4	850	224
5	887	324
6	887	324

All A2L Evaporators require SSOV and CSOV isolation valves, which must be shipped loose for field installation.

CENTER MOUNT LOW HEIGHT

Small to Medium Cooler & Freezer Applications

BTUH

Air Defrost 5,100 - 31,600
Electric Defrost 4,500 - 33,700

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	A	E	6	A	041	A	D	A
Brand	Refrigerant Class	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W = Witt	A = A2L	E = Center Mount	6 FPI 4 FPI	A = Air E = Electric (Low Temp)	# x 100 = BTUH	A = 115/1/60 D = 230/1/60	D = Dual Speed EC	A

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS	
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	●
Coated aluminum fins	○
EcoNet® Enabled Unit Cooler controller	○
EcoNet® Command Center	○
Coated housing	○
Adjustable termination/fan delay control	○
Insulated drain pan	○

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	WAE6A051ADA	5,175	WAE6A051DDA	5,437
2	WAE6A085ADA	7,513	WAE6A085DDA	7,843
	WAE6A103ADA	8,238	WAE6A103DDA	8,578
3	WAE6A128ADA	8,993	WAE6A128DDA	9,402
	WAE6A157ADA	11,239	WAE6A157DDA	11,668
4	WAE6A173ADA	12,391	WAE6A173DDA	12,886
	WAE6A207ADA	14,268	WAE6A207DDA	14,783
5	WAE6A249ADA	15,566	WAE6A249DDA	16,159
	WAE6A316ADA	18,835	WAE6A316DDA	21,389

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 25 • 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 CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)						
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	792	2,546	3,275	584	876	267	3,610
2	792	2,546	3,275	584	876	336	3,610
3	792	2,546	3,275	584	876	407	3,900
4	792	2,546	3,275	584	876	477	4,170
5	792	2,546	3,275	584	876	549	5,000

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available
1. Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

CENTER MOUNT • LOW HEIGHT

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	WAE6E045DDA	8,152	WAE4E043DDA	8,152
	WAE6E054DDA	10,976		
2	WAE6E090DDA	11,336	WAE4E087DDA	11,336
	WAE6E107DDA	14,262		
3	WAE6E129DDA	15,481	WAE4E127DDA	15,338
	WAE6E149DDA	15,666		
4	WAE6E160DDA	18,825	WAE4E183DDA	19,306
	WAE6E217DDA	19,920		
5	WAE6E265DDA	23,729	WAE4E222DDA	21,841
	WAE6E337DDA	26,636	WAE4E283DDA	25,118

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 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.

ELECTRIC DEFROST CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)						
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	792	2,546	3,275	584	876	267	3,610
2	792	2,546	3,275	584	876	336	3,610
3	792	2,546	3,275	584	876	407	3,900
4	792	2,546	3,275	584	876	477	4,170
5	792	2,546	3,275	584	876	549	5,000

1. EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available
2. Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

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	1,684
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	549
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	709

VALVES

Option Name	Range	List Price ($US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,964
	16 to 25 Tons	2,820
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	644
	4 to 9 Tons	917
	10 to 30 Tons	1,613

SHUT-OFF VALVES

No. of Fans	List Price ($US)	
	Solenoid Shut-Off Valve (SSOV)	Check Shut-Off Valve (CSOV)
1	850	224
2	850	224
3	850	224
4	850	224
5	887	324

All A2L Evaporators require SSOV and CSOV isolation valves, which must be shipped loose for field installation.

CENTER MOUNT LOW VELOCITY

Small to Medium Cooler Applications

BTUH

Air Defrost 5,300 - 33,800
Electric Defrost 5,300 - 33,800

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	A	V	6	A	043	A	D	A
Brand	Refrigerant Class	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W = Witt	A = A2L	V = Low Velocity Center Mount	6 FPI	A = Air E = Electric (Low Temp)	# x 100 = BTUH	A = 115/1/60 D = 230/1/60	D = Dual Speed EC	A

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS	
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	●
EcoNet® Enabled Unit Cooler Controller	○
EcoNet® Command Center	○
Thermostatic expansion valve (mounted or loose)	○
Thermostat (mechanical or electronic - mounted or loose)	○

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	WAV6A053ADA	8,169	WAV6A053DDA	8,492	WAV6E053DDA	9,404
	WAV6A066ADA	8,459	WAV6A066DDA	8,798	WAV6E066DDA	9,870
2	WAV6A105ADA	9,852	WAV6A105DDA	10,247	WAV6E105DDA	11,546
	WAV6A131ADA	12,083	WAV6A131DDA	12,568	WAV6E131DDA	13,966
3	WAV6A159ADA	14,024	WAV6A159DDA	14,587	WAV6E159DDA	16,393
	WAV6A196ADA	15,735	WAV6A196DDA	16,370	WAV6E196EDA	18,312
4	WAV6A216ADA	19,178	WAV6A216DDA	19,945	WAV6E216EDA	22.428
	WAV6A270ADA	21,687	WAV6A270DDA	22,555	WAV6E270DDA	25,220
5	WAV6A338ADA	23,782	WAV6A338DDA	24,734	WAV6E338DDA	28,093

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 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.

CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)						
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	792	2,546	3,275	584	876	267	3,610
2	792	2,546	3,275	584	876	336	3,610
3	792	2,546	3,275	584	876	407	3,900
4	792	2,546	3,275	584	876	477	4,170
5	792	2,546	3,275	584	876	549	5,000

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available
1. Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.

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	1,684
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	549
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	709

VALVES

Option Name	Range	List Price ($US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,964
	16 to 25 Tons	2,820
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	644
	4 to 9 Tons	917
	10 to 30 Tons	1,613

SHUT-OFF VALVES

No. of Fans	List Price ($US)	
	Solenoid Shut-Off Valve (SSOV)	Check Shut-Off Valve (CSOV)
1	850	224
2	850	224
3	850	224
4	850	224
5	887	324

All A2L Evaporators require SSOV and CSOV isolation valves, which must be shipped loose for field installation.

MEDIUM PROFILE

Medium to Large Cooler & Freezer Applications

BTUH

Air Defrost 21,900 - 99,000
Medium Temp Electric Defrost 21,900 - 98,900
Low Temp Electric Defrost 12,900 - 89,000

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	A	M	6	E	181	D	D	A
Brand	Refrigerant Class	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W = Witt	A = A2L	M = Medium Profile	6 FPI 4 FPI	A = Air D = Medium Temp Electric E = Low Temp Electric	# 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	A

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS	
Rail-mounted, energy-efficient Dual Speed EC motors compliant with CA 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 four fan models	●
EcoNet® Enabled Unit Cooler Controller	○
EcoNet® Command Center	○
Painted Housing	○
Coated Coil	○
Insulated Drain Pan	○

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	WAM6A219ADA	12,341	WAM6A219DDA	12,588	WAM6A219FDA	13,330
	WAM6A268ADA	14,891	WAM6A268DDA	15,188	WAM6A268FDA	16,084
2	WAM6A336ADA	20,935	WAM6A336DDA	21,355	WAM6A336FDA	22,611
	WAM6A448ADA	26,462	WAM6A448DDA	26,990	WAM6A448FDA	28,580
	WAM6A540ADA	30,696	WAM6A540DDA	31,312	WAM6A540FDA	33,153
3	WAM6A668ADA	35,559	WAM6A668DDA	36,271	WAM6A668FDA	38,403
	WAM6A800ADA	37,459	WAM6A800DDA	38,210	WAM6A800FDA	40,453
4	WAM6A888ADA	47,412	WAM6A888DDA	48,362	WAM6A888FDA	51,203
	WAM6A990ADA	49,945	WAM6A990DDA	50,946	WAM6A990FDA	53,938

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

No. of Fans	Factory Mounted Options // List Price Adder ($US)							
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	KE2 Evaporator Defrost Control Package[2]	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	792	2,546	4,545	13,396	584	876	822	3,700
2	1,489	2,546	4,545	14,032	584	876	1,354	5,800
3	1,489	2,546	4,545	14,032	584	876	1,812	8,700
4	1,489	2,546	4,545	14,032	584	876	2,269	11,580

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

1. Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
2. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 35 • 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

FPI	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	1	WAM6E181DDA	15,772	WAM6E181EDA	15,928
		WAM6E217DDA	20,601	WAM6E217EDA	20,809
	2	WAM6E371DDA	25,876	WAM6E371EDA	26,136
		WAM6E446DDA	33,378	WAM6E446EDA	33,715
	3	Not Available		WAM6E557EDA	36,455
				WAM6E669EDA	39,951
	4			WAM6E741EDA	48,607
				WAM6E890EDA	53,267
4	1	WAM4E129DDA	15,141	WAM4E129EDA	15,293
		WAM4E168DDA	19,778	WAM4E168EDA	19,978
	2	WAM4E271DDA	24,843	WAM4E271EDA	25,093
		WAM4E340DDA	32,042	WAM4E340EDA	32,367
	3	Not Available		WAM4E398EDA	34,999
				WAM4E495EDA	38,357
	4			WAM4E529EDA	46,665
				WAM4E658EDA	51,143
		460/1/60		460/3/60	
6	1	WAM6E181FDA	17,044	WAM6E181GDA	17,206
		WAM6E217FDA	22,264	WAM6E217GDA	22,474
	2	WAM6E371FDA	27,965	WAM6E371GDA	28,227
		WAM6E446FDA	36,074	WAM6E446GDA	36,409
	3	WAM6E557FDA	39,007	WAM6E557GDA	39,371
		WAM6E669FDA	42,747	WAM6E669GDA	43,149
	4	WAM6E741FDA	52,011	WAM6E741GDA	52,495
		WAM6E890FDA	56,996	WAM6E890GDA	57,532
4	1	WAM4E129FDA	16,365	WAM4E129GDA	16,516
		WAM4E168FDA	21,377	WAM4E168GDA	21,574
	2	WAM4E271FDA	26,849	WAM4E271GDA	27,098
		WAM4E340FDA	34,632	WAM4E340GDA	34,954
	3	WAM4E398FDA	37,449	WAM4E398GDA	37,800
		WAM4E495FDA	41,038	WAM4E495GDA	41,425
	4	WAM4E529FDA	49,931	WAM4E529GDA	50,399
		WAM4E658FDA	54,719	WAM4E658GDA	55,234

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.

MEDIUM PROFILE

LOW TEMP ELECTRIC DEFROST CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)								
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	KE2 Evaporator Defrost Control Package[2]	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch	Insulated Drain Pan	Finkote2 Coating
1	792	2,546	4,545	13,396	584	876	603	822	3,700
2	1,489	2,546	4,545	14,032	584	876	603	1,354	5,800
3	1,489	2,546	4,545	14,032	584	876	603	1,812	8,700
4	1,489	2,546	4,545	14,032	584	876	603	2,269	11,580

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

1. Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
2. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 35 • 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

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

FPI	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	1	WAM6D218DDA	15,772	WAM6D218EDA	15,928
		WAM6D267DDA	20,601	WAM6D267EDA	20,809
	2	WAM6D335DDA	23,239	WAM6D335EDA	23,474
		WAM6D447DDA	25,876	WAM6D447EDA	26,136
		WAM6D539DDA	33,378	WAM6D539EDA	33,715
	3	Not Available		WAM6D667EDA	36,455
				WAM6D799EDA	39,951
	4			WAM6D887EDA	48,607
				WAM6D989EDA	53,267
		460/1/60		460/3/60	
6	1	WAM6D218FDA	17,044	WAM6D218GDA	17,206
		WAM6D267FDA	22,264	WAM6D267GDA	22,474
	2	WAM6D335FDA	25,114	WAM6D335GDA	25,352
		WAM6D447FDA	27,965	WAM6D447GDA	28,227
		WAM6D539FDA	36,074	WAM6D539GDA	36,409
	3	WAM6D667FDA	39,007	WAM6D667GDA	39,371
		WAM6D799FDA	42,747	WAM6D799GDA	43,149
	4	WAM6D887FDA	52,011	WAM6D887GDA	52,495
		WAM6D989FDA	56,996	WAM6D989GDA	57,532

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.

MEDIUM PROFILE

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)								
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	KE2 Evaporator Defrost Control Package[2]	Mechanical Thermostat	Electronic Thermostat	Adjustable Defrost Control / Fan Delay Switch[3]	Insulated Drain Pan	Finkote2 Coating
1	792	2,546	4,545	13,396	584	876	603	822	3,700
2	1,489	2,546	4,545	14,032	584	876	603	1,354	5,800
3	1,489	2,546	4,545	14,032	584	876	603	1,812	8,700
4	1,489	2,546	4,545	14,032	584	876	603	2,269	11,580

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

1. Price Adder is for Electronic Expansion Valve (EEV) only. Controller not included and must be field supplied.
2. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).
3. Adjustable Defrost Control / Fan Delay Switch is standard on Medium Temp Electric Defrost "D" models.

Shipped-Loose Accessories are found on page 35 • 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	1,684
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	549
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	709

VALVES

Option Name	Range	List Price ($US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,964
	16 to 25 Tons	2,820
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	644
	4 to 9 Tons	917
	10 to 30 Tons	1,613

SHUT-OFF VALVES

No. of Fans	List Price ($US)	
	Solenoid Shut-Off Valve (SSOV)	Check Shut-Off Valve (CSOV)
1	850	324
2	850	324
3	887	324
4	887	324

All A2L Evaporators require SSOV and CSOV isolation valves, which must be shipped loose for field installation.

HEAVY DUTY

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

BTUH

Air Defrost 38,000 - 263,000
Medium Temp Electric Defrost 38,000 - 263,000
Low Temp Electric Defrost 40,200 - 236,500

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	A	H	6	E	106	E	D	A
Brand	Refrigerant Class	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W = Witt	A = A2L	H = Heavy Duty Y = Reverse Connections	6 FPI 4 FPI	A = Air D = Medium Temp Electric E = Low Temp Electric	# x 100 = BTUH	D = 230/1/60 E = 208-230/3/60 F = 460/1/60 G = 460/3/60	D = Dual Speed EC	A

EcoNet® approved refrigerants are: R454A, R454C. R455A.

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS

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	●
EcoNet® Enabled Unit Cooler controller	○
EcoNet® Command Center	○
Reverse connections	○
Painted housing	○
Coated Coil	○
Insulated drain pan	○

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	WAH6A038DDA	29,270	WAH6A038FDA	29,855
	WAH6A053DDA	32,150	WAH6A053FDA	32,794
	WAH6A064DDA	33,699	WAH6A064FDA	34,370
2	WAH6A076DDA	36,657	WAH6A076FDA	37,391
	WAH6A108DDA	47,959	WAH6A108FDA	48,918
	WAH6A130DDA	53,824	WAH6A130FDA	54,900
3	WAH6A162DDA	57,452	WAH6A162FDA	58,603
	WAH6A193DDA	76,978	WAH6A193FDA	78,519
4	WAH6A215DDA	89,377	WAH6A215FDA	91,166
	WAH6A263DDA	99,432	WAH6A263FDA	101,424

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

No. of Fans	Factory Mounted Options // List Price Adder ($US)							
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	KE2 Evaporator Defrost Control Package[2]	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	1,489	2,546	8,793	13,396	584	876	1,212	5,300
2	2,271	2,546	8,793	14,032	584	876	1,612	8,700
3	2,271	3,516	8,793	15,031	584	876	2,074	12,900
4	2,271	3,516	8,793	15,250	584	876	2,383	16,600

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

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.
3. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV)

Shipped-Loose Accessories are found on page 40 • 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

FPI	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	1	WAH6E040EDA	33,250	WAH6E040GDA	33,918
		WAH6E053EDA	39,700	WAH6E053GDA	40,493
		WAH6E065EDA	42,926	WAH6E065GDA	43,783
	2	WAH6E080EDA	50,435	WAH6E080GDA	51,444
		WAH6E106EDA	64,747	WAH6E106GDA	66,041
		WAH6E131EDA	77,190	WAH6E131GDA	78,733
	3	WAH6E160EDA	85,586	WAH6E160GDA	87,300
		WAH6E188EDA	112,157	WAH6E188GDA	114,402
	4	WAH6E237EDA	128,782	WAH6E237GDA	131,359
4	1	WAH4E043EDA	38,112	WAH4E043GDA	38,873
		WAH4E053EDA	41,205	WAH4E053GDA	42,031
	2	WAH4E086EDA	62,158	WAH4E086GDA	63,399
		WAH4E105EDA	74,102	WAH4E105GDA	75,583
	3	WAH4E128EDA	82,165	WAH4E128GDA	83,803
		WAH4E158EDA	107,670	WAH4E158GDA	109,822
	4	WAH4E198EDA	123,631	WAH4E198GDA	126,100

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.

LOW TEMP ELECTRIC DEFROST CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)							
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	KE2 Evaporator Defrost Control Package[2]	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	1,489	2,546	8,793	13,396	584	876	1,212	5,300
2	2,271	2,546	8,793	14,032	584	876	1,612	8,700
3	2,271	3,516	8,793	15,031	584	876	2,074	12,900
4	2,271	3,516	8,793	15,250	584	876	2,383	16,600

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

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.
3. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 40 • 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

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

FPI	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	1	WAH6D037EDA	33,250	WAH6D037GDA	33,918
		WAH6D052EDA	39,700	WAH6D052GDA	40,493
		WAH6D063EDA	42,926	WAH6D063GDA	43,783
	2	WAH6D077EDA	50,435	WAH6D077GDA	51,444
		WAH6D107EDA	64,747	WAH6D107GDA	66,041
		WAH6D129EDA	77,190	WAH6D129GDA	78,733
	3	WAH6D161EDA	85,586	WAH6D161GDA	87,300
		WAH6D192EDA	112,157	WAH6D192GDA	114,402
	4	WAH6D214EDA	120,469	WAH6D214GDA	122,880
		WAH6D262EDA	128,782	WAH6D262GDA	131,359

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.

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)							
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER	KE2 Evaporator Defrost Control Package[2]	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	1,489	2,546	8,793	13,396	584	876	1,212	5,300
2	2,271	2,546	8,793	14,032	584	876	1,612	8,700
3	2,271	3,516	8,793	15,031	584	876	2,074	12,900
4	2,271	3,516	8,793	15,250	584	876	2,383	16,600

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

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.
3. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 40 • 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.

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	1,684
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	549
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	709

VALVES

Option Name	Range	List Price ($US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,964
	16 to 25 Tons	2,820
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	644
	4 to 9 Tons	917
	10 to 30 Tons	1,613

SHUT-OFF VALVES

No. of Fans	List Price ($US)	
	Solenoid Shut-Off Valve (SSOV)	Check Shut-Off Valve (CSOV)[1]
1	887	324
2	887	1,044
3	1,419	1,895
4	1,419	1,895

All A2L Evaporators require SSOV and CSOV isolation valves, which must be shipped loose for field installation.

1. Not available on 3 & 4 fan Low Temperature Electric Defrost models

WAREHOUSE

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

BTUH

Air Defrost 42,000 - 291,000
Electric Defrost 42,000 - 293,800

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	A	W	6	E	143	E	T	A
Brand	Refrigerant Class	Style	Fins Per Inch (FPI)	Defrost Type	Capacity	Voltage	Motor Type	Vintage
W = Witt	A = A2L	W = Warehouse Z = Opposite Hand W (LEFT)	6 FPI 4 FPI	A = Air D = Medium Temp Electric E = Low Temp Electric	# x 100 = BTUH	E = 208-230/3/60 G = 460/3/60	T = 3 Phase H = 3 Phase + High-Static (Pressure Prop) Fan Blades[1]	A

EcoNet® approved refrigerants are: R454A, R454C. R455A.
If you require a High-Static Fan Blade in an application above freezing, please contact factory.

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS

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	●
EcoNet® Enabled Unit Cooler controller	○
EcoNet® Command Center	○
Reverse connections	○
Painted housing	○
Coated Coil	○
Insulated drain pan	○

WAREHOUSE

AIR DEFROST CONFIGURABLE BASE MODELS

No. of Fans	3 Phase Motor			
	208-230/3/60		460/3/60	
	Model No.	List Price ($US)	Model No.	List Price ($US)
1	WAW6A042ETA	21,682	WAW6A042GTA	22,117
	WAW6A057ETA	23,815	WAW6A057GTA	24,290
	WAW6A072ETA	24,958	WAW6A072GTA	25,456
2	WAW6A084ETA	27,152	WAW6A084GTA	27,696
	WAW6A116ETA	38,369	WAW6A116GTA	39,136
	WAW6A143ETA	43,058	WAW6A143GTA	43,920
3	WAW6A173ETA	45,963	WAW6A173GTA	46,881
	WAW6A216ETA	61,584	WAW6A216GTA	62,818
4	WAW6A235ETA	71,502	WAW6A235GTA	72,934
	WAW6A291ETA	79,546	WAW6A291GTA	81,136

AIR DEFROST CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)							
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER[2]	KE2 Evaporator Defrost Control Package[3]	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	1,489	2,546	8,793	13,396	584	876	1,212	5,300
2	2,271	2,546	8,793	14,032	584	876	1,612	8,700
3	2,271	3,516	8,793	15,031	584	876	2,074	12,900
4	2,271	3,516	8,793	15,250	584	876	2,383	16,600

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

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.
3. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 47 • 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

FPI	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	1	WAW6E044ETA	24,633	WAW6E044GTA	25,122
		WAW6E057ETA	29,410	WAW6E057GTA	29,996
		WAW6E071ETA	31,796	WAW6E071GTA	32,432
	2	WAW6E087ETA	42,028	WAW6E087GTA	42,869
		WAW6E114ETA	53,958	WAW6E114GTA	55,035
		WAW6E142ETA	64,326	WAW6E142GTA	65,612
	3	WAW6E170ETA	71,322	WAW6E170GTA	72,752
		WAW6E215ETA	97,528	WAW6E215GTA	99,476
	4	WAW6E256ETA	111,983	WAW6E256GTA	114,224
4	1	WAW4E045ETA	28,230	WAW4E045GTA	28,795
		WAW4E058ETA	30,524	WAW4E058GTA	31,137
	2	WAW4E092ETA	51,799	WAW4E092GTA	52,835
		WAW4E116ETA	61,752	WAW4E116GTA	62,985
	3	WAW4E136ETA	68,470	WAW4E136GTA	69,840
		WAW4E173ETA	93,627	WAW4E173GTA	95,499
	4	WAW4E214ETA	107,503	WAW4E214GTA	109,654
Three-Phase Motor // High-Static Fan					
6	1	WAW6E044EHA	27,340	WAW6E044GHA	27,888
		WAW6E057EHA	32,642	WAW6E057GHA	33,295
		WAW6E071EHA	35,296	WAW6E071GHA	36,000
	2	WAW6E087EHA	46,653	WAW6E087GHA	47,583
		WAW6E114EHA	59,891	WAW6E114GHA	61,090
		WAW6E142EHA	71,401	WAW6E142GHA	72,829
	3	WAW6E170EHA	79,169	WAW6E170GHA	80,753
		WAW6E215EHA	108,252	WAW6E215GHA	110,419
	4	WAW6E256EHA	124,300	WAW6E256GHA	126,785
4	1	WAW4E045EHA	31,335	WAW4E045GHA	31,961
		WAW4E058EHA	33,882	WAW4E058GHA	34,560
	2	WAW4E092EHA	57,499	WAW4E092GHA	58,646
		WAW4E116EHA	68,544	WAW4E116GHA	69,914
	3	WAW4E136EHA	76,002	WAW4E136GHA	77,521
		WAW4E173EHA	103,923	WAW4E173GHA	106,002
	4	WAW4E214EHA	119,328	WAW4E214GHA	121,715

WAREHOUSE

LOW TEMP ELECTRIC DEFROST CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)							
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER[2]	KE2 Evaporator Defrost Control Package[3]	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	1,489	2,546	8,793	13,396	584	876	1,212	5,300
2	2,271	2,546	8,793	14,032	584	876	1,612	8,700
3	2,271	3,516	8,793	15,031	584	876	2,074	12,900
4	2,271	3,516	8,793	15,250	584	876	2,383	16,600

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

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.
3. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 47 • 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

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE BASE MODELS

FPI	No. of Fans	3 Phase Motor			
		208-230/3/60		460/3/60	
		Model No.	List Price ($US)	Model No.	List Price ($US)
6	1	WAW6D042ETA	24,633	WAW6D042GTA	25,122
		WAW6D057ETA	29,410	WAW6D057GTA	29,996
		WAW6D072ETA	31,796	WAW6D072GTA	32,432
	2	WAW6D084ETA	42,028	WAW6D084GTA	42,869
		WAW6D116ETA	53,958	WAW6D116GTA	55,035
		WAW6D144ETA	64,326	WAW6D144GTA	65,612
	3	WAW6D174ETA	71,322	WAW6D174GTA	72,752
		WAW6D216ETA	97,528	WAW6D216GTA	99,476
	4	WAW6D235ETA	104,755	WAW6D235GTA	106,850
		WAW6D292ETA	111,983	WAW6D292GTA	114,224

WAREHOUSE

MEDIUM TEMP ELECTRIC DEFROST CONFIGURABLE OPTIONS

No. of Fans	Factory Mounted Options // List Price Adder ($US)							
	TXV	EEV[1]	EcoNet® 2.0 Control Package w/Sporlan SER[2]	KE2 Evaporator Defrost Control Package[3]	Mechanical Thermostat	Electronic Thermostat	Insulated Drain Pan	Finkote2 Coating
1	1,489	2,546	8,793	13,396	584	876	1,212	5,300
2	2,271	2,546	8,793	14,032	584	876	1,612	8,700
3	2,271	3,516	8,793	15,031	584	876	2,074	12,900
4	2,271	3,516	8,793	15,250	584	876	2,383	16,600

EcoNet® 1.0 & EcoNet® 2.0 Control Package w/Sporlan OEV Control Package no longer available

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.
3. KE2 A2L Evaporator Control Package includes KE2 A2L OEM Control Board, Required A2L sensor(s) and Harnesses and an Electronic Expansion Valve (EEV).

Shipped-Loose Accessories are found on page 47 • 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.

WAREHOUSE

Shipped Loose Accessories

CONTROLS & THERMOSTATS

Option Name	Option Description	List Price ($US)
EcoNet® Command Center	EcoNet® Command Center for EcoNet® Enabled Unit Coolers	1,684
Mechanical Thermostat	Mechanical Thermostat: -30°F to + 100°F	549
Electronic Thermostat	Electronic Thermostat: -30°F to + 100°F	709

VALVES

Option Name	Range	List Price ($US)
Electronic Expansion Valve (EEV)	1 to 15 Tons	1,964
	16 to 25 Tons	2,820
Thermostatic Expansion Valve (TXV)	1/4 to 3 Tons	644
	4 to 9 Tons	917
	10 to 30 Tons	1,613

SHUT-OFF VALVES

No. of Fans	List Price ($US)	
	Solenoid Shut-Off Valve (SSOV)	Check Shut-Off Valve (CSOV)[1]
1	887	324
2	887	1,044
3	1,419	1,895
4	1,419	1,895

All A2L Evaporators require SSOV and CSOV isolation valves, which must be shipped loose for field installation.

1. Not available on 3 & 4 fan Low Temperature Electric Defrost models

AIR-COOLED
CONDENSING UNITS

- **Next-Gen MiniCon:: 1/2 thru 6 HP**
- **Next-Gen II:: 3 thru 22 HP**
- **QV-Series:: 15 thru 100 HP**

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

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	F	O	N	150	E	4A	D	A
Brand	Style	Compressor	Compressor Configuration	Horsepower	Temperature	Refrigerant	Voltage	Vintage
W = Witt	F = Flooded B = Non-Flooded	O = Scroll	N = Single Horizontal (Small)	150 = 1.5 HP	E = Extended Medium L = Low M = Medium	4A = R454A, R454C, R455A and R404A, R407A, R407C, R448A, R449A	D = 208-230/1/60 E = 208-230/3/60 G = 460/3/60 M = 200-220/1/50 N = 200-220/3/50 Q = 380/3/50	A

PRE-CONFIGURATION CODE[1]

NT
Pre-Assembly Code
NT - No Defrost Timer /Kit[2]

50 Hz available. Contact Factory for additional information.

1. Pre-Configuration Codes are used to show common Factory Mounted options and are not available for every model.
2. "NT" pre-configuration code is available on Flooded Models with 230/1/60 or 208-230/3/60 voltage.

NEXT-GEN MINICON
1/2 TO 6 HP

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS	
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	●
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	●
Suction Accumulator	○
Oil separator (may not be available with mounted accumulator)	○
Thru-the door fused disconnect for cabinet sizes FM1 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	○
Additional compressor cooling	○

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			4 Yr Compressor Protection Plan (Net Price Adder $US)
				Model No.	Standard Defrost Provision(s)	List Price ($US)	
Med Temp	FM1	0.5	YB06KAE	WFON060M4ADA	Air Defrost Timer	14,557	459
		0.75	YB07KAE	WFON080M4ADA	Air Defrost Timer	15,373	459
		1.0	YB08KAE	WFON100M4ADA	Air Defrost Timer	15,659	459
Extended Medium Temperature		1.0	YS09KAE	WFON130E4ADA	Air Defrost Timer	16,580	459
	FM2	1.25	YS11KAE	WFON150E4ADA	Air Defrost Timer	16,691	459
		1.5	YS12KAE	WFON180E4ADA	Air Defrost Timer	18,464	459
	FM3	2.0	YS14KAE	WFON200E4ADA	Air Defrost Timer	18,481	459
		2.5	YS16KAE	WFON250E4ADA	Air Defrost Timer	18,835	459
	FM4	2.8	YS19KAE	WFON280E4ADA	Air Defrost Timer	19,884	459
		3.0	YS21KAE	WFON300E4ADA	Air Defrost Timer	20,156	603
		3.5	YS24KAE	WFON350E4ADA	Air Defrost Timer	22,141	603
		4.0	YS26KAE	WFON400E4ADA	Air Defrost Timer	22,445	625
		4.5	YS30KAE	WFON450E4ADA	Air Defrost Timer	24,220	625
		5.0	YS33KAE	WFON500E4ADA	Air Defrost Timer	25,340	647
Low Temperature	FM1	1.0	YF03KAE	WFON100L4ADA	ED-5	16,779	459
		1.3	YF04KAE	WFON130L4ADA	ED-5	17,507	459
		1.5	YF05KAE	WFON160L4ADA	ED-5	18,294	459
	FM2	2.3	YF07KAE	WFON230L4ADA	ED-7	19,409	459
	FM3	2.5	YF06KSE	WFON250L4ADA	ED-7	20,961	459
		3.0	YF07KSE	WFON300L4ADA	ED-7	21,710	603
		3.5	YF09KSE	WFON350L4ADA	ED-10	23,987	603
	FM4	4.0	YF10KAE	WFON400L4ADA	ED-10	27,028	625
		5.0	YF13KAE	WFON500L4ADA	ED-10	27,928	647

Factory Mounted Options are found on page 59 & Shipped-Loose Accessories are found on page 60.
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.	208-230/1/60			4 Yr Compressor Protection Plan (Net Price Adder $US)
				Model No.	Standard Defrost Provision(s)	List Price ($US)	
Med Temp	FM1	0.5	YB06KAE	WBON060M4ADA	Air Defrost Timer	13,833	459
		0.75	YB07KAE	WBON080M4ADA	Air Defrost Timer	14,648	459
		1.0	YB08KAE	WBON100M4ADA	Air Defrost Timer	14,928	459
Extended Medium Temperature		1.0	YS09KAE	WBON130E4ADA	Air Defrost Timer	15,762	459
	FM2	1.25	YS11KAE	WBON150E4ADA	Air Defrost Timer	15,884	459
		1.5	YS12KAE	WBON180E4ADA	Air Defrost Timer	17,290	459
	FM3	2.0	YS14KAE	WBON200E4ADA	Air Defrost Timer	17,599	459
		2.5	YS16KAE	WBON250E4ADA	Air Defrost Timer	17,938	459
	FM4	2.8	YS19KAE	WBON280E4ADA	Air Defrost Timer	19,046	459
		3.0	YS21KAE	WBON300E4ADA	Air Defrost Timer	19,406	603
		3.5	YS24KAE	WBON350E4ADA	Air Defrost Timer	21,258	603
		4.0	YS26KAE	WBON400E4ADA	Air Defrost Timer	21,586	625
		4.5	YS30KAE	WBON450E4ADA	Air Defrost Timer	23,403	625
		5.0	YS33KAE	WBON500E4ADA	Air Defrost Timer	24,586	647
Low Temperature	FM1	1.0	YF03KAE	WBON100L4ADA	ED-5	15,870	459
		1.3	YF04KAE	WBON130L4ADA	ED-5	16,660	459
		1.5	YF05KAE	WBON160L4ADA	ED-5	17,488	459
	FM2	2.3	YF07KAE	WBON230L4ADA	ED-7	18,650	459
	FM3	2.5	YF06KSE	WBON250L4ADA	ED-7	20,233	459
		3.0	YF07KSE	WBON300L4ADA	ED-7	21,468	603
		3.5	YF09KSE	WBON350L4ADA	ED-10	23,188	603
	FM4	4.0	YF10KAE	WBON400L4ADA	ED-10	26,299	625
		5.0	YF13KAE	WBON500L4ADA	ED-10	27,078	647

Factory Mounted Options are found on page 59 & Shipped-Loose Accessories are found on page 60.
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 // 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	YB06KAE	WFON060M4ADANT	13,628	459
		0.75	YB07KAE	WFON080M4ADANT	14,444	459
		1	YB08KAE	WFON100M4ADANT	14,730	459
Extended Medium Temperature		1	YS09KAE	WFON130E4ADANT	15,651	459
	FM2	1.25	YS11KAE	WFON150E4ADANT	15,762	459
		1.5	YS12KAE	WFON180E4ADANT	17,535	459
	FM3	2	YS14KAE	WFON200E4ADANT	17,552	459
		2.5	YS16KAE	WFON250E4ADANT	17,906	459
	FM4	2.8	YS19KAE	WFON280E4ADANT	18,955	459
		3	YS21KAE	WFON300E4ADANT	19,227	603
		3.5	YS24KAE	WFON350E4ADANT	21,212	603
		4	YS26KAE	WFON400E4ADANT	21,516	625
		4.5	YS30KAE	WFON450E4ADANT	23,291	625
		5	YS33KAE	WFON500E4ADANT	24,411	647
Low Temperature	FM1	1	YF03KAE	WFON100L4ADANT	15,660	459
		1.3	YF04KAE	WFON130L4ADANT	16,388	459
		1.5	YF05KAE	WFON160L4ADANT	17,175	459
	FM2	2.3	YF07KAE	WFON230L4ADANT	18,290	459
	FM3	2.5	YF06KSE	WFON250L4ADANT	19,842	459
		3	YF07KSE	WFON300L4ADANT	20,591	603
		3.5	YF09KSE	WFON350L4ADANT	22,868	603
	FM4	4	YF10KAE	WFON400L4ADANT	25,909	625
		5	YF13KAE	WFON500L4ADANT	26,809	647

Factory Mounted Options are found on page 59 & Shipped-Loose Accessories are found on page 60.
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			4 Yr Compressor Protection Plan (Net Price Adder $US)
				Model No.	Standard Defrost Provision(s)	List Price ($US)	
Med Temp	FM1	0.5	YB06KAE	WFON060M4AEA	Air Defrost Timer	14,730	459
		0.75	YB07KAE	WFON080M4AEA	Air Defrost Timer	15,777	459
		1.0	YB08KAE	WFON100M4AEA	Air Defrost Timer	15,964	459
Extended Medium Temperature		1.0	YS09KAE	WFON130E4AEA	Air Defrost Timer	16,530	459
	FM2	1.25	YS11KAE	WFON150E4AEA	Air Defrost Timer	16,803	459
		1.5	YS12KAE	WFON180E4AEA	Air Defrost Timer	18,159	459
	FM3	2.0	YS14KAE	WFON200E4AEA	Air Defrost Timer	18,609	459
		2.5	YS16KAE	WFON250E4AEA	Air Defrost Timer	19,077	459
	FM4	2.8	YS19KAE	WFON280E4AEA	Air Defrost Timer	20,187	459
		3.0	YS21KAE	WFON300E4AEA	Air Defrost Timer	20,506	603
		3.5	YS24KAE	WFON350E4AEA	Air Defrost Timer	22,488	603
		4.0	YS26KAE	WFON400E4AEA	Air Defrost Timer	23,114	625
		4.5	YS30KAE	WFON450E4AEA	Air Defrost Timer	23,739	625
		5.0	YS33KAE	WFON500E4AEA	Air Defrost Timer	25,622	647
		6.0	YS40KAE	WFON600E4AEA	Air Defrost Timer	28,429	647
Low Temperature	FM1	1.0	YF03KAE	WFON100L4AEA	ED-5	17,001	459
		1.3	YF04KAE	WFON130L4AEA	ED-5	17,744	459
		1.5	YF05KAE	WFON160L4AEA	ED-5	18,540	459
	FM2	2.3	YF07KAE	WFON230L4AEA	ED-5	19,675	459
	FM3	2.5	YF06KSE	WFON250L4AEA	ED-6	21,335	459
		3.0	YF07KSE	WFON300L4AEA	ED-6	22,113	603
		3.5	YF09KSE	WFON350L4AEA	ED-7	24,260	603
	FM4	4.0	YF10KAE	WFON400L4AEA	ED-7	27,299	625
		5.0	YF13KAE	WFON500L4AEA	ED-11	28,080	647
		6.0	YF15KAE	WFON600L4AEA	ED-11	29,710	647

Factory Mounted Options are found on page 59 & Shipped-Loose Accessories are found on page 60.
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.	208-230/3/60			4 Yr Compressor Protection Plan (Net Price Adder $US)
				Model No.	Standard Defrost Provision(s)	List Price ($US)	
Med Temp	FM1	0.5	YB06KAE	WBON060M4AEA	Air Defrost Timer	13,999	459
		0.75	YB07KAE	WBON080M4AEA	Air Defrost Timer	15,051	459
		1.0	YB08KAE	WBON100M4AEA	Air Defrost Timer	15,239	459
Extended Medium Temperature		1.0	YS09KAE	WBON130E4AEA	Air Defrost Timer	15,784	459
	FM2	1.25	YS11KAE	WBON150E4AEA	Air Defrost Timer	16,048	459
		1.5	YS12KAE	WBON180E4AEA	Air Defrost Timer	17,234	459
	FM3	2.0	YS14KAE	WBON200E4AEA	Air Defrost Timer	17,720	459
		2.5	YS16KAE	WBON250E4AEA	Air Defrost Timer	18,205	459
	FM4	2.8	YS19KAE	WBON280E4AEA	Air Defrost Timer	19,350	459
		3.0	YS21KAE	WBON300E4AEA	Air Defrost Timer	19,734	603
		3.5	YS24KAE	WBON350E4AEA	Air Defrost Timer	21,612	603
		4.0	YS26KAE	WBON400E4AEA	Air Defrost Timer	22,254	625
		4.5	YS30KAE	WBON450E4AEA	Air Defrost Timer	22,894	625
		5.0	YS33KAE	WBON500E4AEA	Air Defrost Timer	24,871	647
		6.0	YS40KAE	WBON600E4AEA	Air Defrost Timer	27,448	647
Low Temperature	FM1	1.0	YF03KAE	WBON100L4AEA	ED-5	15,876	459
		1.3	YF04KAE	WBON130L4AEA	ED-5	16,745	459
		1.5	YF05KAE	WBON160L4AEA	ED-5	17,634	459
	FM2	2.3	YF07KAE	WBON230L4AEA	ED-5	18,905	459
	FM3	2.5	YF06KSE	WBON250L4AEA	ED-6	20,612	459
		3.0	YF07KSE	WBON300L4AEA	ED-6	21,388	603
		3.5	YF09KSE	WBON350L4AEA	ED-7	23,531	603
	FM4	4.0	YF10KAE	WBON400L4AEA	ED-7	26,574	625
		5.0	YF13KAE	WBON500L4AEA	ED-11	27,354	647
		6.0	YF15KAE	WBON600L4AEA	ED-11	28,985	647

Factory Mounted Options are found on page 59 & Shipped-Loose Accessories are found on page 60.

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 // 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	YB06KAE	WFON060M4AEANT	13,801	459
		0.75	YB07KAE	WFON080M4AEANT	14,848	459
		1.0	YB08KAE	WFON100M4AEANT	15,035	459
Extended Medium Temperature		1.0	YS09KAE	WFON130E4AEANT	15,601	459
	FM2	1.25	YS11KAE	WFON150E4AEANT	15,874	459
		1.5	YS12KAE	WFON180E4AEANT	17,230	459
	FM3	2.0	YS14KAE	WFON200E4AEANT	17,680	459
		2.5	YS16KAE	WFON250E4AEANT	18,148	459
	FM4	2.8	YS19KAE	WFON280E4AEANT	19,258	459
		3.0	YS21KAE	WFON300E4AEANT	19,577	603
		3.5	YS24KAE	WFON350E4AEANT	21,559	603
		4.0	YS26KAE	WFON400E4AEANT	22,185	625
		4.5	YS30KAE	WFON450E4AEANT	22,810	625
		5.0	YS33KAE	WFON500E4AEANT	24,693	647
		6.0	YS40KAE	WFON600E4AEANT	27,500	647
Low Temperature	FM1	1.0	YF03KAE	WFON100L4AEANT	15,882	459
		1.3	YF04KAE	WFON130L4AEANT	16,625	459
		1.5	YF05KAE	WFON160L4AEANT	17,421	459
	FM2	2.3	YF07KAE	WFON230L4AEANT	18,556	459
	FM3	2.5	YF06KSE	WFON250L4AEANT	20,216	459
		3.0	YF07KSE	WFON300L4AEANT	20,994	603
		3.5	YF09KSE	WFON350L4AEANT	23,141	603
	FM4	4.0	YF10KAE	WFON400L4AEANT	26,180	625
		5.0	YF13KAE	WFON500L4AEANT	26,961	647
		6.0	YF15KAE	WFON600L4AEANT	28,591	647

Factory Mounted Options are found on page 59 & Shipped-Loose Accessories are found on page 60.
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	YS09KAE	WFON130E4AGA	Air Defrost Timer	18,194	459
	FM2	1.25	YS11KAE	WFON150E4AGA	Air Defrost Timer	18,638	459
		1.5	YS12KAE	WFON180E4AGA	Air Defrost Timer	19,533	459
	FM3	2.0	YS14KAE	WFON200E4AGA	Air Defrost Timer	19,754	459
		2.5	YS16KAE	WFON250E4AGA	Air Defrost Timer	20,034	459
	FM4	2.8	YS19KAE	WFON280E4AGA	Air Defrost Timer	21,113	459
		3.0	YS21KAE	WFON300E4AGA	Air Defrost Timer	21,365	603
		3.5	YS24KAE	WFON350E4AGA	Air Defrost Timer	23,287	603
		4.0	YS26KAE	WFON400E4AGA	Air Defrost Timer	24,204	625
		4.5	YS30KAE	WFON450E4AGA	Air Defrost Timer	26,130	625
		5.0	YS33KAE	WFON500E4AGA	Air Defrost Timer	26,413	647
		6.0	YS40KAE	WFON600E4AGA	Air Defrost Timer	29,231	647
Low Temperature	FM2	2.3	YF07KAE	WFON230L4AGA	ED-17	21,341	459
	FM3	2.5	YF06KSE	WFON250L4AGA	ED-17	23,005	459
		3.0	YF07KSE	WFON300L4AGA	ED-17	23,399	603
		3.5	YF09KSE	WFON350L4AGA	ED-17	25,055	603
	FM4	4.0	YF10KAE	WFON400L4AGA	ED-17	27,683	625
		5.0	YF13KAE	WFON500L4AGA	ED-17	28,543	647
		6.0	YF15KAE	WFON600L4AGA	ED-17	30,188	647

Factory Mounted Options are found on page 59 & Shipped-Loose Accessories are found on page 60.
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	YS11KAE	WBON150E4AGA	Air Defrost Timer	17,883	459
		1.5	YS12KAE	WBON180E4AGA	Air Defrost Timer	18,697	459
	FM3	2.0	YS14KAE	WBON200E4AGA	Air Defrost Timer	18,917	459
		2.5	YS16KAE	WBON250E4AGA	Air Defrost Timer	19,197	459
	FM4	2.8	YS19KAE	WBON280E4AGA	Air Defrost Timer	20,315	459
		3.0	YS21KAE	WBON300E4AGA	Air Defrost Timer	20,638	603
		3.5	YS24KAE	WBON350E4AGA	Air Defrost Timer	22,443	603
		4.0	YS26KAE	WBON400E4AGA	Air Defrost Timer	23,423	625
		4.5	YS30KAE	WBON450E4AGA	Air Defrost Timer	25,099	625
		5.0	YS33KAE	WBON500E4AGA	Air Defrost Timer	25,611	647
		6.0	YS40KAE	WBON600E4AGA	Air Defrost Timer	28,385	647
Low Temperature	FM2	2.3	YF07KAE	WBON230L4AGA	ED-17	20,149	459
	FM3	2.5	YF06KSE	WBON250L4AGA	ED-17	21,855	459
		3.0	YF07KSE	WBON300L4AGA	ED-17	22,568	603
		3.5	YF09KSE	WBON350L4AGA	ED-17	24,330	603
	FM4	4.0	YF10KAE	WBON400L4AGA	ED-17	26,958	625
		5.0	YF13KAE	WBON500L4AGA	ED-17	27,815	647
		6.0	YF15KAE	WBON600L4AGA	ED-17	29,461	647

Factory Mounted Options are found on page 59 & Shipped-Loose Accessories are found on page 60.
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)
Crankcase Heater	ALL	Standard
Fixed High/Adjustable Low Pressure Control	ALL	Standard
Dual Pressure Control	ALL	652
Adjustable Head Pressure Control Valve	FM1-FM3	582
Liquid Line With Components: Sealed Filter	ALL	Standard
Liquid Line with Premium Components: Replaceable Core Filter/Drier	FM4	961
Suction Line Components: Sealed Filter	FM1	623
	FM2 - FM4	743
Suction Line Components: Replaceable Core Filter	FM4	2,186
Suction Line Accumulator	FM1	962
	FM2 - FM4	1,484
Additional Compressor Cooling for Medium Temp Models - Liquid injection, dual pressure control, suction accumulator, and insulated suction line components & piping	FM1	3,317
	FM2 - FM4	3,839
Additional Compressor Cooling for Low Temp Models - Dual pressure control and insulated suction line components and piping	ALL	1,738
Oil Separator	FM4	2,361
Over-Sized Receiver	FM1	950
	FM2	2,154
	FM3	2,271
	FM4	2,330
Compressor Pump-down Switch	ALL	615
Heated & Insulated Receiver (temperature controlled with low pressure bypass timer)	ALL	1,302
Phase Loss Monitor^	ALL	2,134
Copper Fins Or Electro Fin Coated Coil	ALL	Contact Factory
Thru The Door - Non - Fused - Disconnect Switch	FM1 - FM2	915
	FM3 - FM4	1,216
External Fused Disconnect (Mounted)	FM1 - FM2	1,029
	FM3 - FM4	1,896

^ Only available on units that are 3 Phase.

Continued on next page

NEXT-GEN MINI-CON • 1/2 TO 6 HP

FACTORY INSTALLED OPTIONS // GENERAL (CONTINUED)

Option Description	Cabinet Size	List Price Adder ($US)
Variable Speed EC Motors & Controller	FM1	2,024
	FM2	2,754
	FM3	3,074
	FM4	2,236
Finkote2 Coil Coating	FM1	3,330
	FM2	3,610
	FM3	3,890
	FM4	4,440

FACTORY INSTALLED OPTIONS // COMMON DEFROST COMPONENTS

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	(929)	-
Standard Defrost Kit (ED5 - ED11)	ALL	-	Standard
Substitute Standard Air Defrost Timer For Standard Defrost Kit (ED5-ED11)	ALL	190	-
Remove Standard Defrost Kit	ALL	-	(1,119)

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

* 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 page 61w

SHIPPED-LOOSE ACCESSORIES

Option Description	Cabinet Size	List Price Adder ($US)
Crankcase Pressure Regulating Valve	ALL	Contact Factory
External Fused Disconnect	FM4	1,739
Two-Tiered Stacking Rack	ALL	Contact Factory
Snow / Hail Guards	FM1	712
	FM2	786
	FM3	852
	FM4	1,042
Snow Legs	ALL	474

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-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-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

POWER CONNECTION

Factory installed components on the condensing unit in place of the defrost provisions to allow for powering EcoNet® enabled evaporators

Kit Model	Max Amps	List Price ($US)
EF-30A	30A	670
EF-60A	60A	877

† 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	-	-	-	1,119
	20 Amps Heater (w/ relay)	ED6-A2	-	-	-	1,119
	25 Amps Heater (w/ relay)	ED7-A2	-	-	-	1,119
	Up to 30 Amps Heater (w/ relay)	ED10-A2	-	-	-	1,119
	30 Amps - Heater (w/ contactors)	-	ED11-B2	-	-	1,119
2	Up to 15 Amps Heaters each (w/relays)	ED20-A2	-	-	-	3,494
	15 Amps Heaters each	ED21-A2	ED21-B2	-	-	3,494
	25 Amps Heaters each (w/ relays)	ED23-A2	-	-	-	3,592
	25 Amps Heaters each (w/ contactors)	-	ED23-B2	-	-	3,592
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	-	-	-	1,119
	30 Amps Heater	ED12-A4	ED12-BX	ED12-C2	ED12-C4	2,550
	50 Amps Heater	-	ED14-BX	ED14-C2	ED14-C4	2,985
2	Up to 15 Amps Heaters per Unit Cooler	-	ED22-BX	ED22-C2	ED22-C4	4,291
	25 Amps Heaters per Unit Cooler	-	ED24-BX	ED24-C2	ED24-C4	4,291
NOTE: Defrost Kits are only available factory mounted and cannot be shipped loose.						

NEXT-GEN II
3 TO 22 HP

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	F	D	S	004	M	4A	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	004 = 4 HP	E = Extended Medium L = Low M = Medium	4A = R454A, R454C, R455A and R404A, R407A, R407C, R407F, R448A, R449A	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 ○ Optional ⊖ Not Available

FEATURES & OPTIONS

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 Refflex® 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	●

Continued on next page

NEXT-GEN II
3 TO 22 HP

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS	
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 / Demand Cooling™ (Low Temp. Bitzer & Discus compressors)	●
Flooded models include flooded head pressure control (70°F)	●
Non-flooded models include fan cycle control	●
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	○
Additional compressor cooling	○

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)
FD1	2YC3R51KE	04	208-230/3/60	WFDS004M4AEA	44,460	1,109
			460/3/60	WFDS004M4AGA	47,228	
	2YD3R59KE	05	208-230/3/60	WFDS005M4AEA	45,263	1,109
			460/3/60	WFDS005M4AGA	47,919	
FD2	2YL3R73KE	06	208-230/3/60	WFDS006M4AEA	56,216	1,339
			460/3/60	WFDS006M4AGA	60,126	
	2YA3R82KE	07	208-230/3/60	WFDS007M4AEA	57,411	1,339
			460/3/60	WFDS007M4AGA	60,918	
	3YA3R99KE	08	208-230/3/60	WFDS008M4AEA	64,381	1,339
			460/3/60	WFDS008M4AGA	68,240	
	3YB3R11ME	10	208-230/3/60	WFDS010M4AEA	69,040	1,748
			460/3/60	WFDS010M4AGA	72,610	
FD3	3YF3R14ME	12	208-230/3/60	WFDS012M4AEA	74,787	2,128
			460/3/60	WFDS012M4AGA	77,715	
	3YS3R16ME	15	208-230/3/60	WFDS015M4AEA	76,444	2,710
			460/3/60	WFDS015M4AGA	79,024	

Factory Mounted Options start on page 77

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)
FD1	2YC3R51KE	04	208-230/3/60	WBDS004M4AEA	41,599	1,109
			460/3/60	WBDS004M4AGA	44,312	
	2YD3R59KE	05	208-230/3/60	WBDS005M4AEA	42,381	1,109
			460/3/60	WBDS005M4AGA	44,989	
FD2	2YL3R73KE	06	208-230/3/60	WBDS006M4AEA	53,129	1,339
			460/3/60	WBDS006M4AGA	56,967	
	2YA3R82KE	07	208-230/3/60	WBDS007M4AEA	54,299	1,339
			460/3/60	WBDS007M4AGA	57,744	
	3YA3R99KE	08	208-230/3/60	WBDS008M4AEA	61,142	1,339
			460/3/60	WBDS008M4AGA	64,923	
	3YB3R11ME	10	208-230/3/60	WBDS010M4AEA	65,711	1,748
			460/3/60	WBDS010M4AGA	69,215	
FD3	3YF3R14ME	12	208-230/3/60	WBDS012M4AEA	71,348	2,128
			460/3/60	WBDS012M4AGA	74,222	
	3YS3R16ME	15	208-230/3/60	WBDS015M4AEA	74,422	2,710
			460/3/60	WBDS015M4AGA	77,001	

Factory Mounted Options start on page 77

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)
FD1	2YF3F13KE	03	208-230/3/60	WFDS003L4AEA	47,818	1,109
			460/3/60	WFDS003L4AGA	51,131	
	2YL3F15KE	04	208-230/3/60	WFDS004L4AEA	52,426	1,109
			460/3/60	WFDS004L4AGA	55,786	
	2YA3F17KE	05	208-230/3/60	WFDS005L4AEA	53,693	1,109
			460/3/60	WFDS005L4AGA	57,506	
FD2	3YA3F21KE	06	208-230/3/60	WFDS006L4AEA	58,542	1,339
			460/3/60	WFDS006L4AGA	62,390	
	3YB3F24KE	08	208-230/3/60	WFDS008L4AEA	65,542	1,339
			460/3/60	WFDS008L4AGA	68,639	
	3YF3F29KE	09	208-230/3/60	WFDS009L4AEA	73,340	1,748
			460/3/60	WFDS009L4AGA	77,678	
	3YS3F33KE	10	208-230/3/60	WFDS010L4AEA	79,618	1,748
			460/3/60	WFDS010L4AGA	80,994	
	4YBNF40KE	12	208-230/3/60	WFDS012L4AEA	81,198	2,128
			460/3/60	WFDS012L4AGA	83,052	
	4YHNF46KE	15	208-230/3/60	WFDS015L4AEA	85,341	2,710
			460/3/60	WFDS015L4AGA	86,699	
FD3	4YJDF59KE	22	208-230/3/60	WFDS022L4AEA	96,719	3,338
			460/3/60	WFDS022L4AGA	98,341	

Factory Mounted Options start on page 77

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)
FD1	2YF3F13KE	03	208-230/3/60	WBDS003L4AEA	45,582	1,109
			460/3/60	WBDS003L4AGA	48,900	
	2YL3F15KE	04	208-230/3/60	WBDS004L4AEA	50,191	1,109
			460/3/60	WBDS004L4AGA	53,553	
	2YA3F17KE	05	208-230/3/60	WBDS005L4AEA	51,458	1,109
			460/3/60	WBDS005L4AGA	55,274	
FD2	3YA3F21KE	06	208-230/3/60	WBDS006L4AEA	56,314	1,339
			460/3/60	WBDS006L4AGA	60,161	
	3YB3F24KE	08	208-230/3/60	WBDS008L4AEA	63,307	1,339
			460/3/60	WBDS008L4AGA	66,411	
	3YF3F29KE	09	208-230/3/60	WBDS009L4AEA	71,109	1,748
			460/3/60	WBDS009L4AGA	75,442	
	3YS3F33KE	10	208-230/3/60	WBDS010L4AEA	77,387	1,748
			460/3/60	WBDS010L4AGA	78,762	
	4YBNF40KE	12	208-230/3/60	WBDS012L4AEA	78,967	2,128
			460/3/60	WBDS012L4AGA	80,819	
	4YHNF46KE	15	208-230/3/60	WBDS015L4AEA	83,115	2,710
			460/3/60	WBDS015L4AGA	84,467	
FD3	4YJDF59KE	22	208-230/3/60	WBDS022L4AEA	94,488	3,338
			460/3/60	WBDS022L4AGA	96,105	

Factory Mounted Options start on page 77

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)
FD1	YS26KAE	04	208-230/3/60	WFOS004E4AEA	40,090	625
			460/3/60	WFOS004E4AGA	43,256	
	YS30KAE	05	208-230/3/60	WFOS005E4AEA	40,803	647
			460/3/60	WFOS005E4AGA	43,911	
	YS33KAE	06	208-230/3/60	WFOS006E4AEA	46,494	647
			460/3/60	WFOS006E4AGA	50,224	
FD2	YS40KAE	07	208-230/3/60	WFOS007E4AEA	47,399	1,070
			460/3/60	WFOS007E4AGA	50,932	
	YB51KAE	08	208-230/3/60	WFOS008E4AEA	49,273	1,070
			460/3/60	WFOS008E4AGA	52,911	
	YB56KAE	09	208-230/3/60	WFOS009E4AEA	52,001	1,151
			460/3/60	WFOS009E4AGA	55,257	
	YB68KAE	10	208-230/3/60	WFOS010E4AEA	60,795	1,151
			460/3/60	WFOS010E4AGA	63,106	
FD3	YB83KAE	13	208-230/3/60	WFOS013E4AEA	67,330	1,370
			460/3/60	WFOS013E4AGA	67,485	
	YB100KAE	15	208-230/3/60	WFOS015E4AEA	75,178	1,380
			460/3/60	WFOS015E4AGA	78,611	

Factory Mounted Options start on page 77

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)
FD1	YS26KAE	04	208-230/3/60	WBOS004E4AEA	38,067	625
			460/3/60	WBOS004E4AGA	41,234	
	YS30KAE	05	208-230/3/60	WBOS005E4AEA	38,781	647
			460/3/60	WBOS005E4AGA	41,889	
	YS33KAE	06	208-230/3/60	WBOS006E4AEA	44,473	647
			460/3/60	WBOS006E4AGA	48,201	
FD2	YS40KAE	07	208-230/3/60	WBOS007E4AEA	45,378	1,070
			460/3/60	WBOS007E4AGA	48,912	
	YB51KAE	08	208-230/3/60	WBOS008E4AEA	46,319	1,070
			460/3/60	WBOS008E4AGA	49,888	
	YB56KAE	09	208-230/3/60	WBOS009E4AEA	48,998	1,151
			460/3/60	WBOS009E4AGA	52,188	
	YB68KAE	10	208-230/3/60	WBOS010E4AEA	57,621	1,151
			460/3/60	WBOS010E4AGA	59,887	
FD3	YB83KAE	13	208-230/3/60	WBOS013E4AEA	64,033	1,370
			460/3/60	WBOS013E4AGA	64,185	
	YB100KAE	15	208-230/3/60	WBOS015E4AEA	71,732	1,380
			460/3/60	WBOS015E4AGA	75,099	

Factory Mounted Options start on page 77

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)
FD1	YF19KAE	08	208-230/3/60	WFOS008L4AEA	50,467	1,070
			460/3/60	WFOS008L4AGA	53,449	
FD2	YF26KAE	10	208-230/3/60	WFOS010L4AEA	62,640	1,151
			460/3/60	WFOS010L4AGA	66,322	
	YF32KAE	13	208-230/3/60	WFOS013L4AEA	70,796	1,370
			460/3/60	WFOS013L4AGA	72,008	
	YF38KAE	15	208-230/3/60	WFOS015L4AEA	73,150	1,380
			460/3/60	WFOS015L4AGA	74,800	

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)
FD1	YF19KAE	08	208-230/3/60	WBOS008L4AEA	48,230	1,070
			460/3/60	WBOS008L4AGA	51,214	
FD2	YF26KAE	10	208-230/3/60	WBOS010L4AEA	60,403	1,151
			460/3/60	WBOS010L4AGA	64,090	
	YF32KAE	13	208-230/3/60	WBOS013L4AEA	68,563	1,370
			460/3/60	WBOS013L4AGA	69,778	
	YF38KAE	15	208-230/3/60	WBOS015L4AEA	70,918	1,380
			460/3/60	WBOS015L4AGA	72,569	

Factory Mounted Options start on page 77

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)
FD1	2DES-3	03	208-230/3/60	WFBS003E4AEA	47,862	1,109
			460/3/60	WFBS003E4AGA	51,001	
	2CES-4	04	208-230/3/60	WFBS004E4AEA	48,619	1,109
			460/3/60	WFBS004E4AGA	51,643	
	4FES-5	05	208-230/3/60	WFBS005E4AEA	49,402	1,109
			460/3/60	WFBS005E4AGA	52,317	
FD2	4EES-6	06	208-230/3/60	WFBS006E4AEA	54,150	1,339
			460/3/60	WFBS006E4AGA	56,194	
	4DES-7	07	208-230/3/60	WFBS007E4AEA	58,829	1,339
			460/3/60	WFBS007E4AGA	60,004	
	4CES-9	08	208-230/3/60	WFBS008E4AEA	67,579	1,339
			460/3/60	WFBS008E4AGA	70,960	
	4TES-12	10	208-230/3/60	WFBS010E4AEA	68,397	1,748
			460/3/60	WFBS010E4AGA	72,437	
FD3	4PES-15	12	208-230/3/60	WFBS012E4AEA	71,302	2,128
			460/3/60	WFBS012E4AGA	75,020	
	4NES-20	15	208-230/3/60	WFBS015E4AEA	72,927	2,710
			460/3/60	WFBS015E4AGA	76,494	

Factory Mounted Options start on page 77

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)
FD1	2DES-3	03	208-230/3/60	WBBS003E4AEA	45,843	1,109
			460/3/60	WBBS003E4AGA	48,982	
	2CES-4	04	208-230/3/60	WBBS004E4AEA	46,596	1,109
			460/3/60	WBBS004E4AGA	49,622	
	4FES-5	05	208-230/3/60	WBBS005E4AEA	47,386	1,109
			460/3/60	WBBS005E4AGA	50,297	
FD2	4EES-6	06	208-230/3/60	WBBS006E4AEA	52,130	1,339
			460/3/60	WBBS006E4AGA	54,174	
	4DES-7	07	208-230/3/60	WBBS007E4AEA	56,810	1,339
			460/3/60	WBBS007E4AGA	57,985	
	4CES-9	08	208-230/3/60	WBBS008E4AEA	64,278	1,339
			460/3/60	WBBS008E4AGA	67,594	
	4TES-12	10	208-230/3/60	WBBS010E4AEA	65,075	1,748
			460/3/60	WBBS010E4AGA	69,040	
FD3	4PES-15	12	208-230/3/60	WBBS012E4AEA	67,930	2,128
			460/3/60	WBBS012E4AGA	71,577	
	4NES-20	15	208-230/3/60	WBBS015E4AEA	69,522	2,710
			460/3/60	WBBS015E4AGA	73,023	

Factory Mounted Options start on page 77

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)
FD1	4FES-3	03	208-230/3/60	WFBS003L4AEA	46,895	1,109
			460/3/60	WFBS003L4AGA	48,734	
	4EES-4	04	208-230/3/60	WFBS004L4AEA	51,539	1,109
			460/3/60	WFBS004L4AGA	53,377	
	4DES-5	05	208-230/3/60	WFBS005L4AEA	54,156	1,109
			460/3/60	WFBS005L4AGA	56,184	
	4CES-6	06	208-230/3/60	WFBS006L4AEA	64,878	1,339
			460/3/60	WFBS006L4AGA	67,509	
FD2	4TES-9	07	208-230/3/60	WFBS008L4AEA	69,399	1,339
			460/3/60	WFBS008L4AGA	71,921	
	4PES-12	08	208-230/3/60	WFBS009L4AEA	74,299	1,339
			460/3/60	WFBS009L4AGA	76,687	
	4NES-14	10	208-230/3/60	WFBS010L4AEA	79,274	1,748
			460/3/60	WFBS010L4AGA	81,664	
	4JE-15	12	208-230/3/60	WFBS012L4AEA	85,447	2,128
			460/3/60	WFBS012L4AGA	87,834	
	4HE-18	15	208-230/3/60	WFBS015L4AEA	91,761	2,710
			460/3/60	WFBS015L4AGA	94,140	
FD3	4GE-23	22	208-230/3/60	WFBS022L4AEA	94,140	3,338
			460/3/60	WFBS022L4AGA	97,617	

Factory Mounted Options start on page 77

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)
FD1	4FES-3	03	208-230/3/60	WBBS003L4AEA	44,663	1,109
			460/3/60	WBBS003L4AGA	46,501	
	4EES-4	04	208-230/3/60	WBBS004L4AEA	49,304	1,109
			460/3/60	WBBS004L4AGA	51,141	
	4DES-5	05	208-230/3/60	WBBS005L4AEA	51,921	1,109
			460/3/60	WBBS005L4AGA	53,948	
	4CES-6	06	208-230/3/60	WBBS006L4AEA	62,647	1,339
			460/3/60	WBBS006L4AGA	65,278	
FD2	4TES-9	07	208-230/3/60	WBBS008L4AEA	67,162	1,339
			460/3/60	WBBS008L4AGA	69,691	
	4PES-12	08	208-230/3/60	WBBS009L4AEA	72,064	1,339
			460/3/60	WBBS009L4AGA	74,450	
	4NES-14	10	208-230/3/60	WBBS010L4AEA	77,041	1,748
			460/3/60	WBBS010L4AGA	79,424	
	4JE-15	12	208-230/3/60	WBBS012L4AEA	83,214	2,128
			460/3/60	WBBS012L4AGA	85,599	
	4HE-18	15	208-230/3/60	WBBS015L4AEA	89,528	2,710
			460/3/60	WBBS015L4AGA	91,906	
FD3	4GE-23	22	208-230/3/60	WBBS022L4AEA	87,134	3,338
			460/3/60	WBBS022L4AGA	95,382	

Factory Mounted Options start on page 77

NEXT-GEN II • 3 TO 22 HP

FACTORY INSTALLED OPTIONS // ELECTRICAL OPTIONS

All options are factory mounted unless otherwise noted

Option Description	H.P Range/Cabinet	List Price Adder ($US)
Through the Door Non-fused Disconnect Switch (only available mounted)	3 - 10	3,162
	12 - 22	3,537
External Fused Disconnect (available loose or mounted)	3 - 6	2,048
	7 - 10	2,434
	12 - 22	5,193
	3 - 6	2,404
	7 - 10	4,326
	12 - 22	7,141
Main Circuit Breaker	3 - 6	2,924
	7 - 10	3,682
	12 - 22	4,632
Phase Loss Monitor†	ALL	2,301
Anti Short Cycle Timer	ALL	1,361
Air Defrost Timer	ALL	1,132
Current Sensing Relay (Run proof)	ALL	1,508
Compressor Unloaders (Suction pressure control. Medium Temp reciprocating compressors only)	When Available	4,232
Variable Speed EC Motors & Controller	FD1	5,136
	FD2 & FD3	8,720
Finkote2 Coil Coating	FD1	3,945
	FD2	6,580
	FD3	10,130

† 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.

NEXT-GEN II • 3 TO 22 HP

FACTORY INSTALLED OPTIONS // MECHANICAL OPTIONS

All options are factory mounted unless otherwise noted

Option Description	H.P Range/Cabinet	List Price Adder ($US)
Suction Line Filter (sealed)	3 - 8	911
	9 - 10	1,546
	12 - 22	2,409
Replaceable Core Suction Filter	3 - 8	1,750
	9 - 10	2,389
	12 - 22	3,235
Replaceable Core Liquid Filter	3 - 8	1,541
	9 - 10	1,751
	12 - 22	1,983
Suction Line Accumulator	3 - 8	1,541
	9 - 10	2,266
	12 - 22	4,731
Oil Separator	3 - 6	2,623
	7 - 10	2,794
	12 - 22	3,282
Oversized Receivers	FD1	2,315
	FD2	1,296
	FD3	1,309
Pressure Relief Valve	FD1 (standard receiver)	587
Heated & Insulated Receiver (temperature controlled with low pressure bypass timer)	ALL	1,524
Crankcase Pressure Regulator (Do not use with MOP style TXV's. Must provide refrigerant type, holding temperature, suction temperature, and maximum design capacity.)	3 - 5	3,018
	6 - 9	3,345
	10 - 15	6,236
Mounted for FD2 and FD3 cabinets only; loose for FD1 cabinet	22	9,756
Additional Compressor Cooling for Medium Temp Models - Liquid injection TREV, suction accumulator, and insulated suction line components and piping	3 - 8	3,684
	9 - 10	4,409
	12 - 22	6,874
Additional Compressor Cooling for Low Temp Models - Insulated suction line components and piping	ALL	1,474
Hail / Snow Guards˘ (shipped loose to prevent shipping damage)	FD1	1,866
	FD2	2,550
	FD3	2,860
2 Unit Stacking Rack˘ (shipped empty)	FD1 or FD2	Call Factory
3 Unit Stacking Rack˘ (shipped empty)	FD1 or FD2	Call Factory

˘ Requires field installation.

NEXT-GEN II • 3 TO 22 HP

FACTORY INSTALLED OPTIONS // DEFROST KITS

Kit No.	Unit Cooler per CU	Max Defrost Load	List Price ($US)
DMA15	1	15	2,332
DMA20		20	2,332
DMA24		24	2,332
DMA30		30	2,332
DMA35		35	2,605
DMA40		40	2,605
DMA48		48	2,605
DMA60		60	5,081
DMA96		96	5,081
DMB35	2	35	3,533
DMB40		40	3,533
DMB48		48	3,533
DMB60		60	5,081
DMB96		96	5,081
DMC35	3	35	5,315
DMC40		40	5,315
DMC48		48	5,315
DMC60		60	6,570
DMC96		96	6,570

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.

QV-SERIES
15 TO 100 HP

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

W	F	D	V	030	M	4A	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	030 = 30 HP	L = Low M = Medium	4A = R454A, R454C, R455A and R404A, R407A, R407C, R407F, R448A, R449A/B	E = 208-230/3/60 G = 460/3/60	A

50 Hz available. Contact Factory for additional information.

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS

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	●
Floored compressor cabinet with removable compressor tray	●
LED control and compressor panel lighting	●
110V service convenience outlet	●
Service gauge hooks	●
3 Phase condenser fan motors	●

Continued on next page

QV-SERIES
15 TO 100 HP

2018 DEALER DESIGN AWARDS
the NEWS | SILVER

● Standard ○ Optional ⊖ Not Available

FEATURES & OPTIONS	
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 vibrasorbers	●
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	●
Liquid injection on low temperature compressors	●
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	○
Additional compressor cooling	○

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*DV015M4A*A	3YS3R16ME	86,336	87,749	85,814	87,274	2,710
	20	W*DV020M4A*A	4YBNR19ME	95,556	96,902	93,524	95,438	3,338
	25	W*DV025M4A*A	4YHNR22ME	114,104	115,357	111,787	113,717	4,465
	30	W*DV030M4A*A	4YJNR27ME	133,366	134,823	126,145	127,711	4,631
	35	W*DV035M4A*A	6YHNR32ME	151,051	151,913	145,475	145,872	4,882
	40	W*DV040M4A*A	6YJNR39ME	166,224	168,535	159,809	162,151	5,635
	50	W*DV050M4A*A	6YUNR48ME	-	201,198	-	191,077	5,822
LOW TEMP	22	W*DV022L4A*A	4YJNF59KE	113,473	115,861	113,453	114,888	3,338
	27	W*DV027L4A*A	6YHNF68KE	131,350	132,398	128,805	131,128	4,465
	30	W*DV030L4A*A	6YJNF84KE	145,119	146,454	142,127	144,507	4,631
	40	W*DV040L4A*A	6YUNF10ME	-	182,355	-	179,379	5,635

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*BV015M4A*A	4NE-20	86,336	87,749	85,814	87,274	2,710
	20	W*BV020M4A*A	4JE-22	95,556	96,902	93,524	95,438	3,338
	25	W*BV025M4A*A	4HE-25	114,104	115,357	111,787	113,717	4,465
	30	W*BV030M4A*A	4GE-30	133,366	134,823	126,145	127,711	4,631
	35	W*BV035M4A*A	6HE-35	151,051	151,913	145,475	145,872	4,882
	40	W*BV040M4A*A	6GE-40	166,224	168,535	159,809	162,151	5,635
	50	W*BV050M4A*A	6FE-50	199,701	201,198	189,656	191,077	5,822
LOW TEMP	22	W*BV022L4A*A	4GE-23	113,473	115,861	113,453	114,888	3,338
	27	W*BV027L4A*A	6HE-28	131,350	132,398	128,805	131,128	4,465
	30	W*BV030L4A*A	6GE-34	145,119	146,454	142,127	144,507	4,631
	40	W*BV040L4A*A	6FE-44	181,000	182,355	178,394	179,379	5,635

Factory Mounted Options start on page 85

* Represents Flooded (F) or Non-Flooded (B) & Voltage 208-230/3/60 (E) or 460/3/60 (G)

Head fan is required for certain medium 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*DD030M4A*A	3YS3R16ME	172,671	175,498	171,629	174,548	4,631
	40	W*DD040M4A*A	4YBNR19ME	191,112	193,805	187,048	190,875	5,635
	50	W*DD050M4A*A	4YHNR22ME	228,209	230,714	223,574	227,434	5,822
	60	W*DD060M4A*A	4YJNR27ME	266,733	269,646	252,290	255,421	9,262
	70	W*DD070M4A*A	6YHNR32ME	302,101	303,825	290,950	291,743	9,764
	80	W*DD080M4A*A	6YJNR39ME	332,449	337,070	319,617	324,302	11,270
	100	W*DD100M4A*A	6YUNR48ME	-	402,396	-	382,155	11,644
LOW TEMP	44	W*DD044L4A*A	4YJNF59KE	226,946	231,721	226,907	229,777	3,338
	54	W*DD054L4A*A	6YHNF68KE	262,699	264,797	257,609	262,257	4,465
	60	W*DD060L4A*A	6YJNF84KE	290,238	292,907	284,253	289,014	9,262
	80	W*DD080L4A*A	6YUNF10ME	-	364,711	-	358,757	11,270

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*BD030M4A*A	4NE-20	172,671	175,498	171,629	174,548	4,631
	40	W*BD040M4A*A	4JE-22	191,112	193,805	187,048	190,875	5,635
	50	W*BD050M4A*A	4HE-25	228,209	230,714	223,574	227,434	5,822
	60	W*BD060M4A*A	4GE-30	266,733	269,646	252,290	255,421	9,262
	70	W*BD070M4A*A	6HE-35	302,101	303,825	290,950	291,743	9,764
	80	W*BD080M4A*A	6GE-40	332,449	337,070	319,617	324,302	11,270
	100	W*BD100M4A*A	6FE-50	399,401	402,396	379,312	382,155	11,644
LOW TEMP	44	W*BD044L4A*A	4GE-23	226,946	231,721	226,907	229,777	3,338
	54	W*BD054L4A*A	6HE-28	262,699	264,797	257,609	262,257	4,465
	60	W*BD060L4A*A	6GE-34	290,238	292,907	284,253	289,014	9,262
	80	W*BD080L4A*A	6FE-44	362,000	364,711	356,788	358,757	11,270

Factory Mounted Options start on page 85

* Represents Flooded (F) or Non-Flooded (B) & Voltage 208-230/3/60 (E) or 460/3/60 (G)

Head fan is required for certain medium 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. (2 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*DP050M4A*A	4YHNR22ME	256,439	258,629	251,118	254,907	5,822
	60	W*DP060M4A*A	4YJNR27ME	292,580	295,237	275,821	278,791	9,262
	70	W*DP070M4A*A	6YHNR32ME	328,960	330,438	316,358	316,755	9,764
	80	W*DP080M4A*A	6YJNR39ME	356,800	362,362	342,470	348,096	11,270
	100	W*DP100M4A*A	6YUNR48ME	-	446,664	-	423,002	11,644
LOW TEMP	40	W*DP044L4A*A	4YJNF59KE	257,431	262,159	257,393	259,944	5,635
	54	W*DP054L4A*A	6YHNF68KE	291,221	292,951	285,473	290,120	8,930
	60	W*DP060L4A*A	6YJNF84KE	316,950	319,327	310,277	315,012	9,262
	80	W*DP080L4A*A	6YUNF10ME	-	404,830	-	398,109	11,270

BITZER COMPRESSOR // PARALLEL PIPED COMPRESSOR

Configurable Base Models

	Nom. H.P.	Model No.	Comp. Model No. (2 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*BP050M4A*A	4HE-25	256,439	258,629	251,118	254,907	5,822
	60	W*BP060M4A*A	4GE-30	292,580	295,237	275,821	278,791	9,262
	70	W*BP070M4A*A	6HE-35	328,960	330,438	316,358	316,755	9,764
	80	W*BP080M4A*A	6GE-40	356,800	362,362	342,470	348,096	11,270
	100	W*BP100M4A*A	6FE-50	443,337	446,664	419,850	423,002	11,644
LOW TEMP	40	W*BP044L4A*A	4GE-23	257,431	262,159	257,393	259,944	5,635
	54	W*BP054L4A*A	6HE-28	291,221	292,951	285,473	290,120	8,930
	60	W*BP060L4A*A	6GE-34	316,950	319,327	310,277	315,012	9,262
	80	W*BP080L4A*A	6FE-44	468,670	404,830	395,141	398,109	11,270

Factory Mounted Options start on page 85

* Represents Flooded (F) or Non-Flooded (B) & Voltage 208-230/3/60 (E) or 460/3/60 (G)

Head fan is required for certain medium temp applications. Refer to product catalog for model specific information

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // SINGLE COMPRESSOR

All options are factory mounted unless otherwise noted.

	Option Description	Option Available On:	List Price Adder ($US)
Compressor Options	Compressor Unloading with Pressure Control for 1 Cycle Bank	BV015M, 020M-30M, 050M; 022L - 040L	3,242
	Compressor Unloading with Pressure Control for 2 Cycle Bank	035M & 045M	5,430
	Head Cooling Fan	All Models	3,374
Electrical and Control Panel Options	Air Defrost Time Clock	All Medium Temperature Models	1,089
	Anti-Short Cycle Timer	All Models	940
	Condenser Fan Breaker & Control Circuit Breaker	015M -030M; 022L - 040L	1,879
		035M -050M	2,618
	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	2,871
		Models with 61A < MOPD < 101A	4,252
		Models with 101A < MOPD < 201A	7,283
	Thru-the-door Main Breaker	Models with MOPD ≤ 100A	3,670
		Models with 101A < MOPD < 226A	5,953
	Thru-the-door Non-Fused Disconnect	Models with MCA < 59A	2,584
		Models with 59A < MCA > 99A	3,751
		Models with 99A < MCA < 199A	6,204
	Phase-Loss Monitor - 250A	230 V & 460 V	1,815
	Phase-Loss Monitor - ICM450	230 V	2,646
		460 V	1,881
Refrigeration Options	Crankcase Pressure Regulator Valves	015M	6,372
		020M - 040M; 022L - 030L	8,026
		050M & 040L	15,928
	Fan Cycling - Temperature or Pressure	All Flooded Models; Standard on Non-Flooded Models	2,862
	Heat Reclaim Valve	All Models	6,623
	Heated & Insulated Receiver	All Models	5,040
	Hot Gas Bypass Tee & Ball Valve	All Models	1,553
	Hot Gas Bypass Tee, Ball Valve & Regulator	All Models	9,004
	Liquid-line Filter Isolation Valve (single valve)	All Models	896

Continued on next page

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // SINGLE COMPRESSOR

All options are factory mounted unless otherwise noted.

	Option Description	Option Available On:	List Price Adder ($US)
Refrigeration Options	Liquid Line Solenoid Valve (shipped loose) NOTE: Cannot be used for mitigation	015M - 025M; 022L - 040L	1,113
		030M - 035M	1,423
		040M - 050M	2,152
	Oil Separator with Check Valve	015 - 030	3,088
		035 - 050	5,214
	Oil Separator with Check Valve & Oil Return Service Kit	015 - 030	6,836
		035 - 050	9,679
	Oversized Receiver	All Models	2,145
	Receiver Level Gauge	All Models	2,660
	Suction Accumulator - Standard	015	4,803
		020-050	5,555
	Suction Accumulator - Heat Exchanger	015	5,953
		020-050	9,215
	Suction-line Filter - Replaceable Core	015M	3,150
		020M - 040M; 022L - 030L	3,289
		050M & 040L	4,112
	Suction-line Filter Isolation Valves	015M	1,470
		020M - 040M; 022L - 030L	2,366
		050M & 040L	4,116
	Suction-line Insulation	All Models	2,605
	Additional Compressor Cooling (Medium Temp) *Liquid Injection (Trev), Suction Accumulator, & Insulated Suction Line Components & Piping*	015	9,551
		020 - 025	10,303
		030 - 050	10,972
	Additional Compressor Cooling (Low Temp) *Insulated Suction Line Components & Piping*	All Models	4,079

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // DUAL COMPRESSOR

All options are factory mounted unless otherwise noted.

	Option Description	Option Available On:	List Price Adder ($US)
Compressor Options	Compressor Unloading with Pressure Control for 1 Cycle Bank	BD030M, D040M - D060M, D100M; D044L - D080L	6,485
	Compressor Unloading with Pressure Control for 2 Cycle Bank	D070M & D080M	10,861
	Head Cooling Fan	All Models	6,750
Electrical and Control Panel Options	Air Defrost Time Clock	All Medium Temperature Models	2,177
	Anti-Short Cycle Timer	All Models	1,880
	Condenser Fan Breaker & Control Circuit Breaker	D030M -D060M; D044L - D080L	3,298
		D070M -D100M	4,774
	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	2,871
		Models with 61A < MOPD < 101A	4,252
		Models with 101A < MOPD < 226A	7,283
	Thru-the-door Main Breaker	Models with MOPD ≤ 100A	3,670
		Models with 101A < MOPD < 226A	5,953
	Thru-the-door Non-Fused Disconnect	Models with MCA < 59A	2,584
		Models with 59A < MCA > 99A	3,751
		Models with 99A < MCA < 199A	6,204
	Phase-Loss Monitor - 250A	230 V & 460 V	3,629
	Phase-Loss Monitor - ICM450	460 V	3,763
Refrigeration Options	Crankcase Pressure Regulator Valves	D030M	12,743
		D040M - D080M; D044L - D060L	16,052
		D100M & D080L	31,857
	Fan Cycling - Temperature or Pressure	All Flooded Models; Standard on Non-Flooded Models	5,726
	Heat Reclaim Valve	All Models	13,246
	Heated & Insulated Receiver	All Models	10,080
	Hot Gas Bypass Tee & Ball Valve	All Models	3,108
	Hot Gas Bypass Tee, Ball Valve & Regulator	All Models	18,009
	Liquid-line Filter Isolation Valve (Single Valve per Circuit)	All Models	1,793

Continued on next page

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // DUAL COMPRESSOR

All options are factory mounted unless otherwise noted.

	Option Description	Option Available On:	List Price Adder ($US)
Refrigeration Options	Liquid Line Solenoid Valve (Shipped loose) NOTE: Cannot be used for mitigation	030M - 050M; 044L - 080L	2,227
		060M – 070M	2,847
		080M – 100M	4,304
	Oil Separator with Check Valve	D030 - D060	6,175
		D070 - D100	10,427
	Oil Separator with Check Valve & Oil Return Service Kit	D030 - D060	13,671
		D070 - D100	19,358
	Oversized Receiver	All Models	4,291
	Receiver Level Gauge	All Models	5,321
	Suction Accumulator - Standard	D030	9,606
		D040-D100	11,111
	Suction Accumulator - Heat Exchanger	D030	11,907
		D040-D100	18,432
	Suction-line Filter - Replaceable Core	D030M	6,299
		D040M - D080M; D044L - D060L	6,577
		D100M & D080L	8,224
	Suction-line Filter Isolation Valves	D030M	2,940
		D040M - D080M; D044L - D060L	4,732
		D100M & D080L	8,232
	Suction-line Insulation	All Models	5,210
	Additional Compressor Cooling (Medium Temp) *Liquid Injection (Trev), Suction Accumulator, & Insulated Suction Line Components & Piping*	030	17,628
		040-080	19,133
		100	20,471
	Additional Compressor Cooling (Low Temp) *Insulated Suction Line Components & Piping*	ALL	8,046

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // PARALLEL-PIPED COMPRESSOR

All options are factory mounted unless otherwise noted.

	Option Description	Option Available On:	List Price Adder ($US)
Compressor Options	Compressor Unloading with Pressure Control for 1 Cycle Bank	P050M - P060M, P100M; P044L - P080L	6,485
	Compressor Unloading with Pressure Control for 2 Cycle Bank	P070M & P080M	10,861
	Head Cooling Fan	All Models	6,750
Electrical and Control Panel Options	Air Defrost Time Clock	All Medium Temperature Models	1,089
	Anti-Short Cycle Timer	All Models	940
	Condenser Fan Breaker & Control Circuit Breaker	P050M -P060M; P044L - P080L	1,879
		P070M -P100M	2,618
	EC Fan Motors with Electronic Variable Speed Control	P050M -P060M; P044L - P080L	Call Factory
		P070M -P100M	Call Factory
	Thru-the-door Fused Disconnect	Models with MOPD < 61A	2,871
		Models with 61A < MOPD < 101A	4,252
		Models with 101A < MOPD < 201A	7,283
	Thru-the-door Main Breaker	Models with MOPD ≤ 100A	3,670
		Models with 101A < MOPD < 201A	5,953
	Thru-the-door Non-Fused Disconnect	Models with MCA < 59A	2,584
		Models with 59A < MCA > 99A	3,751
		Models with 99A < MCA < 199A	6,204
	Phase-Loss Monitor - 250A	230V & 460V	1,815
	Phase-Loss Monitor - ICM450	460V	1,881

Refrigeration Options on next page

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // PARALLEL-PIPED COMPRESSOR

All options are factory mounted unless otherwise noted.

	Option Description	Option Available On:	List Price Adder ($US)
Refrigeration Options	Crankcase Pressure Regulator Valves	P050M-P60M	16,052
		P070M-P100M; P044L - P080L	18,739
	Fan Cycling - Temperature or Pressure	All Flooded Models; Standard on Non-Flooded Models	5,726
	Heat Reclaim Valve	All Models	6,623
	Heated & Insulated Receiver	All Models	5,040
	Hot Gas Bypass Tee & Ball Valve	All Models	1,553
	Hot Gas Bypass Tee, Ball Valve & Regulator	All Models	9,004
	Liquid-line Filter Isolation Valve (Single Valve)	All Models	896
	Liquid Line Solenoid Valve (Shipped loose) NOTE: Cannot be used for mitigation	050M - 060M	8,922
		070M – 100M	3,639
		044L – 080L	1,395
	Oversized Receiver	All Models	2,145
	Receiver Level Gauge	All Models	2,660
	Suction Accumulator - Standard	P050M-P60M	6,666
		P070M-P100M; P044L - P080L	7,255
	Suction Accumulator - Heat Exchanger	P050M-P60M	9,215
		P070M-P100M; P044L - P080L	10,184
	Suction-line Filter - Replaceable Core	P050M-P60M	2,944
		P070M-P100M; P044L - P080L	3,289
	Suction-line Filter Isolation Valves	P050M-P60M	4,112
		P070M-P100M; P044L - P080L	6,499
	Suction-line Insulation	All Models	5,210
	Additional Compressor Cooling (Medium Temp) *Liquid Injection (Trev), Suction Accumulator, & Insulated Suction Line Components & Piping*	050-060	14,688
		070-080	15,277
		100	16,616
	Additional Compressor Cooling (Low Temp) *Insulated Suction Line Components & Piping*	All Models	8,046

QV-SERIES • 15 TO 100 HP

FACTORY INSTALLED OPTIONS // FINKOTE2 COIL COATING

All Standard and Oversized Coil Models

All options are factory mounted unless otherwise noted.

	Option Description	Option Available On:	List Price Adder ($US)
Finkote2 Coating	1x2 Finkote2 Coil Coating	Models with 2 fan Condenser	18,000
	1x3 Finkote2 Coil Coating	Models with 3 fan Condenser	27,000
	2x2 Finkote2 Coil Coating	Models with 2 x 2 fan Condenser	25,000
	2x3 Finkote2 Coil Coating	Models with 2 x 3 fan Condenser	35,000

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		-1: 1 Evaporator with Multiple Heater Feeds
	B - 2		-2: 2 Evaporators with Multiple Heater Feeds
	C - 3		PP: Pressure Prop Kits for Large Evaporators
	D - 4		

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]	3,000						
DLA30[1]	3,118						
DLA35[1]	3,510	DLB35[1]	4,478	DLC35	6,118		
DLA40[1]	3,510	DLB40[1]	4,478	DLC40	6,118		
DLA48[1]	3,510	DLB48[1]	4,478	DLC48	6,118		
		DLB60[124]	4,657	DLC60[1]	6,118	DLD60	7,236
		DLB96[124]	5,640	DLC96[1]	6,489	DLD96	7,293
				DLC144[1]	8,840	DLD144[35]	8,900
						DLD192[35]	9,354

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

For Dual Units, 2 Defrost Kits Required, Only 2 Contactor Kits can be used on Dual Units

1 Heater Contactor per Compressor		2 Heater Contactors per Compressor	
Kit Model	List Price ($US)	Kit Model	List Price ($US)
DLA24[1]	3,000		
DLA30[1]	3,118		
DLA35[1]	3,510	DLB35[1]	4,478
DLA40[1]	3,510	DLB40[1]	4,478
DLA48[1]	3,510	DLB48[1]	4,478
		DLB60[124]	4,657
		DLB96[124]	5,640

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	1,655
TMR-EF-30A	30	1,754

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	199	1,494						
30	266	2,324						
35	266	2,324	266	2,756	394	2,960		
40	266	2,324	266	2,756	394	2,960		
48	266	2,324	266	2,756	394	2,960		
60			371	4,635	567	4,895	611	5,124
96			475	4,667	648	6,237	783	6,428
144					820	6,449	1,071	7,741
192							1,078	7,823

Dual Compressor Units require 2 Fuse blocks & 2 Circuit Breaker, 1 per compressor. Up to 2 contactors/compressor.
When selecting the circuit breaker option, evaporator heater contactors and evaporator fan contactors are included.

WATER-COOLED
CONDENSING UNITS

Next-Gen WC-Series™: ½ to 6 HP

NEXT-GEN WC-SERIES™ 1/2 TO 6 HP

MODEL NOMENCLATURE

W	W	O	N	500	M	4A	E	A
Brand	Style	Compressor	Compressor Configuration	Horsepower	Temperature	Refrigerant	Voltage	Vintage
W = Witt	W = Water-Cooled	O = Scroll	N = Single Horizontal (small)	500 = 5 HP	E = Extended Medium L = Low M = Medium	4A = R454A, R454C, R455A and R404A, R407A, R407C, R448A, R449A	D = 208-230/1/60 E = 208-230/3/60 G = 460/3/60	A

50 Hz available. Contact Factory for additional information.

FEATURES & OPTIONS

	● Standard ○ Optional
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)	●
Refrigerant Detection System (RDS)	●
UL and cUL listed for indoor use	●
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 // 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.	Comp. 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	WWON060M4A*A	17,619	17,646	-	416
	FW1	1/2	ZB07KAE	WWON080M4A*A	17,792	17,852	-	416
	FW1	1	ZB08KAE	WWON100M4A*A	17,967	18,085	-	416
Extended Medium Temp	FW1	1-1/3	ZS09KAE	WWON130E4A*A	18,164	18,346	19,020	416
	FW2	1-1/2	ZS11KAE	WWON150E4A*A	19,431	19,619	20,287	416
	FW2	1-3/4	ZS13KAE	WWON180E4A*A	19,896	20,078	20,748	416
	FW3	2	ZS15KAE	WWON200E4A*A	20,241	20,422	21,094	416
	FW3	2-1/2	ZS19KAE	WWON250E4A*A	20,473	20,699	21,494	416
	FW4	3	ZS21KAE	WWON300E4A*A	20,783	21,049	21,968	546
	FW4	3-1/2	ZS26KAE	WWON350E4A*A	22,080	22,365	23,020	546
	FW4	4	ZS29KAE	WWON400E4A*A	22,784	23,101	23,736	565
	FW4	4-1/2	ZS33KAE	WWON450E4A*A	22,496	22,815	23,643	565
	FW4	5	ZS38K4E	WWON500E4A*A	23,620	23,947	24,968	585
	FW4	6	ZS45K4E	WWON600E4A*A	-	27,636	28,083	585
Low Temperature	FW2	1	ZF03KAE	WWON100L4A*A	18,461	19,478	-	416
	FW2	1-1/3	ZF04KAE	WWON130L4A*A	18,913	19,818	-	416
	FW2	1-1/2	ZF05KAE	WWON160L4A*A	19,500	20,282	-	416
	FW2	2	ZF07KAE	WWON230L4A*A	20,602	20,876	21,529	416
	FW3	2-1/2	ZF08K4E	WWON250L4A*A	21,313	21,614	21,843	416
	FW3	3	ZF09K4E	WWON300L4A*A	21,830	22,153	24,807	546
	FW3	3-1/2	ZF11K4E	WWON350L4A*A	22,819	23,144	23,688	546
	FW4	4	ZF13K4E	WWON400L4A*A	23,801	24,109	24,655	565
	FW4	5	ZF15K4E	WWON500L4A*A	24,109	24,409	24,974	585
	FW4	6	ZF18K4E	WWON600L4A*A	-	27,518	29,012	585

Factory Mounted Options start on page 97
* 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 (all options are factory mounted unless otherwise noted)	H.P Range/Cabinet	List Price Adder ($US)
Water Regulating Valve (shipped loose)	½ - 2 HP	1,148
	2-½ - 3-½ HP	1,247
	4 - 5 HP	1,400
	5 - 6 HP	2,062
External Fused Disconnect (Mounted)	FW1 - FW2	1,029
	FW3 - FW4	1,896
External Fused Disconnect (Loose)	FW4	1,737
Liquid Line with Premium Components: Replaceable Core Filter/Drier	FW4	961
Suction Line Components: Sealed Filter	FW1	623
	FW2 - FW4	743
Suction Line Components: Replaceable Core Filter	FW4	2,186
Suction Accumulator	FW1	962
	FW2 - FW4	1,484
Oil Separator	FW4	2,361
Compressor Pump-down Switch	All Models	615
Phase Loss Monitor (only available on units that are 3 Phase)	All Models	2,134
Cupronickel Heat Exchanger	All Models	Contact Factory
Cupronickel Water Regulating Valve (shipped loose)	All Models	Contact Factory
Two-Tiered Stacking Rack (shipped loose)	All Models	Contact Factory
Heated & Insulated Receiver (temperature controlled w/low pressure bypass timer)	All Models	1,302
Thru The Door - Non - Fused - Disconnect Switch	FW1 - FW2	915
	FW3 - FW4	1,216
Remove Standard Air Defrost Timer (Medium Temp only)	All Models	(929)
Substitute Standard Air Defrost Timer For Standard Defrost Kit (ED5-ED11) Medium Temp only. For Defrost Kit Options, please see next page	All Models	190
Remove Standard Defrost Kit (Low Temp only)	All Models	(1,119)

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 WC-SERIES • 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-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-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

POWER CONNECTION

Factory installed components on the condensing unit in place of the defrost provisions to allow for powering EcoNet® enabled evaporators

Kit Model	Max Amps	List Price ($US)
EF-30A	30A	670
EF-60A	60A	877

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

NEXT-GEN WC-SERIES • 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 3 PH. FANS 3 PH. HTRS	460 V 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	-	-	-	1,120
	20 Amps Heater (w/ relay)	ED6-A2	-	-	-	1,120
	25 Amps Heater (w/ relay)	ED7-A2	-	-	-	1,120
	Up to 30 Amps Heater (w/ relay)	ED10-A2	-	-	-	1,120
	30 Amps - Heater (w/ contactors)	-	ED11-B2	-	-	1,120
2	Up to 15 Amps Heaters each (w/relays)	ED20-A2	-	-	-	3,494
	15 Amps Heaters each	ED21-A2	ED21-B2	-	-	3,494
	25 Amps Heaters each (w/ relays)	ED23-A2	-	-	-	3,592
	25 Amps Heaters each (w/ contactors)	-	ED23-B2	-	-	3,592
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	-	-	-	1,120
	30 Amps Heater	ED12-A4	ED12-BX	ED12-C2	ED12-C4	2,550
	50 Amps Heater	-	ED14-BX	ED14-C2	ED14-C4	2,985
2	Up to 15 Amps Heaters per Unit Cooler	-	ED22-BX	ED22-C2	ED22-C4	4,291
	25 Amps Heaters per Unit Cooler	-	ED24-BX	ED24-C2	ED24-C4	4,291

NOTE: Defrost Kits are only available factory mounted and cannot be shipped loose.

PACKAGED
REFRIGERATION SYSTEM

Packaged Refrigeration System

ALL-IN-ONE
with available Leak Mitigation Package

BTUH
Medium Temp 4,790 - 15,830
Low Temp 3,790 - 15,130

MODEL NOMENCLATURE // CONFIGURABLE BASE MODEL

H	P	O	100	M	4C	D	B
Brand	Product	Compressor	Horsepower	Temperature	Refrigerant	Voltage	Vintage
H = HTPG	P = Packaged Refrigeration System	O = Scroll	100 = 1 HP	M = Medium L = Low D = Medium Electric Defrost	4C = R454C	A = 115/1/60 D = 208-230/1/60	B

PRE-CONFIGURATION CODE

LD
Pre-Configuration Code
LD - Leak Mitigation Package

● Standard ○ Optional

FEATURES & OPTIONS	
EcoNet® Enabled to maximize energy efficiency with less compressor runtime	●
EcoNet® optimizes defrost by using adaptive defrost or managing compressor runtime	●
EcoNet® improves product quality by reducing temperature fluctuation	●
Factory pre-charged with R-454C	●
One electrical wiring point with the ability to add a plug on select models	●
Standard boil-out pan with an option to mount a drain line	●
Lift-off panels & large electrical box	●
Roof Kit	○
Hail Guard	○
Power Cords	○

MEDIUM TEMPERATURE // AIR DEFROST // R-454C

Model with Leak Mitigation	List Price ($US)	Compressor Type	Compressor HP	Voltage	Cabinet Size	Extended Compressor Warranty Net Price
HPO080M4CABLD	26,686	Scroll	0.75	115/1/60	Small	459
HPO100M4CABLD	28,061	Scroll	1	115/1/60	Small	
HPO120M4CABLD	33,047	Scroll	1.25	115/1/60	Large	
HPO080M4CDBLD	27,955	Scroll	0.75	208-230/1/60	Small	
HPO100M4CDBLD	30,508	Scroll	1	208-230/1/60	Small	
HPO120M4CDBLD	32,790	Scroll	1.25	208-230/1/60	Large	
HPO150M4CDBLD	37,077	Scroll	1.5	208-230/1/60	Large	

MEDIUM TEMPERATURE // ELECTRIC DEFROST // R-454C

Model with Leak Mitigation	List Price ($US)	Compressor Type	Compressor HP	Voltage	Cabinet Size	Extended Compressor Warranty Net Price
HPO080D4CDBLD	28,380	Scroll	0.75	208-230/1/60	Small	459
HPO100D4CDBLD	30,879	Scroll	1	208-230/1/60	Small	
HPO120D4CDBLD	34,559	Scroll	1.25	208-230/1/60	Large	
HPO150D4CDBLD	39,713	Scroll	1.5	208-230/1/60	Large	

LOW TEMPERATURE // ELECTRIC DEFROST // R-454CA

Model with Leak Mitigation	List Price ($US)	Compressor Type	Compressor HP	Voltage	Cabinet Size	Extended Compressor Warranty Net Price
HPO150L4CDBLD	42,100	Scroll	1.5	208-230/1/60	Small	459
HPO250L4CDBLD	46,192	Scroll	2.5	208-230/1/60	Small	
HPO300L4CDBLD	54,091	Scroll	3	208-230/1/60	Large	
HPO350L4CDBLD	62,911	Scroll	3.5	208-230/1/60	Large	

ROOF KITS

Part #	Cabinet Size	List Price ($US)
08537719	Small	2,964
08537720	Large	2,964

HAIL GUARDS

Part #	Cabinet Size	List Price ($US)
08537721	Small	2,033
08537722	Large	2,033

POWER CORDS

	Model	Part #	NEMA Receptacle	List Price ($US)
Medium Temp **Air**	HPO080M4CAB	08538541	5-20R	221
	HPO100M4CAB	-	-	-
	HPO120M4CAB	-	-	-
	HPO080M4CDB	08538542	6-15R	221
	HPO100M4CDB	08538542	6-15R	221
	HPO120M4CDB	08538542	6-15R	221
	HPO150M4CDB	08538543	6-20R	221
Medium Temp **Electric**	HPO080D4CDB	08538542	6-15R	221
	HPO100D4CDB	08538542	6-15R	221
	HPO120D4CDB	08538542	6-15R	221
	HPO150D4CDB	08538543	6-20R	221
Low Temp **Electric**	HPO150L4CDB	08538542	6-15R	221
	HPO250L4CDB	08538543	6-20R	221
	HPO300L4CDB	-	-	-
	HPO350L4CDB	-	-	-

PRINCIPAL TERMS AND CONDITIONS OF SALE

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 Sellers 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. Sellers 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.
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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 Buyers address set forth in the order acknowledgment.

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