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Warehouse Unit Cooler

Medium to Large Walk-ins
Cooler and Freezer Applications

Designed for Walk-in Coolers and Freezers in boxes 3,000 sq. ft. and larger



Air Defrost
34,500 to 282,500 BTUH

Electric Defrost
36,400 to 246,100 BTUH

Hot Gas Defrost
36,400 to 246,100 BTUH



Models are designed exclusively for use in walk-in coolers and freezers 3,000 sq. ft and larger and fall outside of the July 2020 Department of Energy Annual Walk-in Energy Factor (AWEF) regulations

Warehouse Unit Cooler

Highlighted Features and Options



FANS AND HOUSING

- 30" heavy duty aluminum fans are balanced for vibration-free operation
- High efficiency deep draw venturi provide optimal air flow
- Hinged panels that can easily be removed
- NSF approved

COILS AND DEFROST HEATERS

- Available in 4 or 6 fins per inch (FPI)
- Electric defrost heaters are mounted on the air intake coil face to provide optimal performance and easy service access
- The drain pan heater is affixed to the drain pan and is easily accessed for service or cleaning

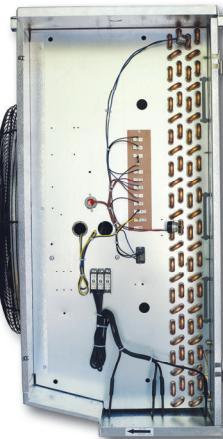


ECONET ENABLED UNIT COOLERS (OPTIONAL)

- Developed in conjunction with Rheem Manufacturing specifically for walk-in coolers and freezers — it builds on the reliability and efficiency of Rheem's EcoNet technology
- Saves energy in refrigeration systems through precise superheat and space temperature control, fan cycling, and controlling how often the system goes into defrost based on compressor runtime
 - Eliminates unnecessary defrosts
 - Maximizes energy efficiency with less compressor runtime
- Reduces fan speed to 50% during off cycle for energy savings
- Can be used with a condensing unit in single and multiple evaporator installations as a group
- Optional **EcoNet Command Center** with intuitive graphical interface controls up to 32 devices (including the Command Center) through one display, provides continuous communication between system components, and the remote mount display allows for EcoNet Enabled Unit Coolers to be programmed, monitored and troubleshooted outside of the space being cooled

ELECTRICAL AND PIPING

- End panels slide out for easy service from the front or sides of the unit
- Ample room in electrical and piping compartments for easy access



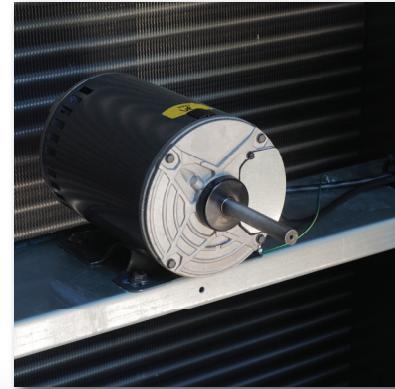
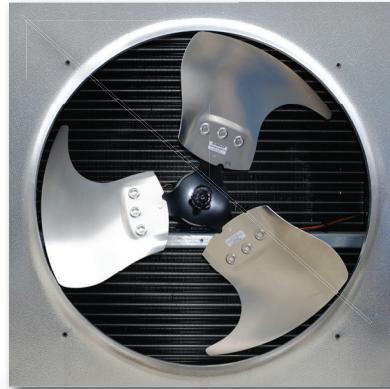
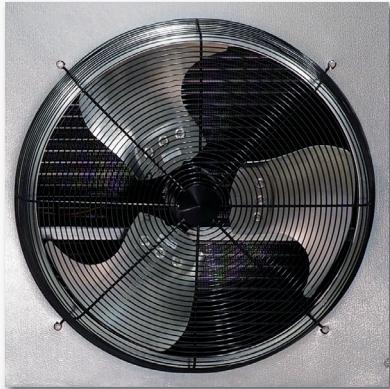
Warehouse Unit Cooler

MODEL NUMBER NOMENCLATURE

CONFIGURABLE BASE MODEL

W	W	6	E	143	E	T	A
Brand	Style	Fins Per Inch (FPI)	Defrost Type	BTUH in Thousands	Unit Voltage	Motor Type	Vintage
W = Witt	W =Warehouse Z = Reverse Connections	4 6	A = Air E = Electric H = Hot Gas 3-Pipe with Electric Drain Pan G = Hot Gas Reverse with Electric Drain Pan K = Hot Gas 3-Pipe with Hot Gas Drain Pan L = Hot Gas Reverse with Hot Gas Drain Pan		E = 208-230/3/60 G = 460/3/60	T = Three Phase H = Three Phase with High-Static (Pressure Prop) Fan Blades	

FAN GUARDS EASILY REMOVABLE FOR QUICK ACCESS TO FAN BLADES AND RAIL-MOUNTED MOTORS



Warehouse Unit Cooler

Application Rating and Electrical Data - Air Defrost Models - Three-Phase Motor - 6 FPI

Model Number	BTUH Capacity @ 25°F S.T. & 10°F TD		CFM	No. of Fans	Total Fan Motor AMPS	
					Three-Phase Motor	Motor Voltage
	R404A / R744 DX (CO ₂)	R407A/ R448A/ R449A [^]			208-230V/3	460V/3
	WW6A034*TA	34,500	40,400	7,080	1	4.1
WW6A047*TA		47,000	55,000	7,010		2.0
WW6A058*TA		58,200	68,900	6,875		
WW6A069*TA		69,600	80,900	14,160	2	8.2
WW6A094*TA		94,500	111,500	14,030		4.0
WW6A117*TA		117,200	138,800	13,750		
WW6A143*TA		143,100	167,000	21,040	3	12.3
WW6A176*TA		176,000	207,500	20,625		6.0
WW6A190*TA		190,100	226,100	28,050	4	16.4
WW6A234*TA		234,900	282,500	27,500		8.0

Model Number	208-230V/3				460V/3			
	MCA		MOPD		MCA		MOPD	
	Base Model	EcoNet Enabled ¹						
WW6A034*TA	15.0	15.0	20	20	15.0	15.0	20	20
WW6A047*TA								
WW6A058*TA								
WW6A069*TA	15.0	15.0	20	20	15.0	15.0	20	20
WW6A094*TA								
WW6A117*TA								
WW6A143*TA	15.0	15.0	20	20	15.0	15.0	20	20
WW6A176*TA								
WW6A190*TA	17.4	19.4	20	20	15.0	15.0	20	20
WW6A234*TA								

* Each asterisk represents a variable character based on voltage ordered. See page 4 for nomenclature.

[^] R407A, R448A and R449A are rated at dew point temperature. Use R407A capacity ratings for R407C and R407F.

1. EcoNet Enabled Units are not powered by Condensing Unit so Defrost Heaters are incorporated into shown MCA/MOPD.

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Warehouse Unit Cooler

Application Rating and Electrical Data - Electric Defrost Models - Three-Phase Motor cont.

Model Number	460V/3				Heater Amps			Heater Watts	
	MCA		MOPD		460V/3				
	Base Model	EcoNet Enabled ²	Base Model	EcoNet Enabled ²	No. of Circuits	Amps Each Circuit	Total Heater Amps		

6 FPI

WW6E036GTA	15.0	15.0	20	20	1	7.5	7.5	6,000
WW6E047GTA								
WW6E059GTA								
WW6E072GTA	15.0	16.1	20	20	1	15.1	15.1	12,000
WW6E096GTA								
WW6E120GTA								
WW6E143GTA	15.0	23.6	20	25	1	22.6	22.6	18,000
WW6E179GTA								
WW6E216GTA	15.0	31.1	20	35	1	30.1	30.1	24,000

4 FPI

WW4E038GTA	15.0	15.0	20	20	1	7.5	7.5	6,000
WW4E048GTA								
WW4E077GTA	15.0	16.1	20	20	1	15.1	15.1	12,000
WW4E097GTA								
WW4E115GTA	15.0	23.6	20	25	1	22.6	22.6	18,000
WW4E145GTA								
WW4E182GTA	15.0	31.1	20	35	1	30.1	30.1	24,000

See notes below.

Notes:
1. Capacity Correction for Electric and Hot Gas Defrost Evaporators

S.S.T. (Dew)	20°F	0°F	-10°F	-20°F	-30°F	-40°F
Multiply Capacity by:	1.15	1.075	1.0375	1	0.9625	0.925

2. EcoNet Enabled Units are not powered by Condensing Unit so Defrost Heaters are incorporated into shown MCA/MOPD.

* Each asterisk represents a variable character based on voltage ordered. See page 4 for nomenclature.

^ R407A, R448A and R449A are rated at dew point temperature. Use R407A capacity ratings for R407C and R407F.

High static models are capable of .35" H2O external static pressure for duct or air flow accessories. Models with High-Static fan blade should not be used without the addition of an external device.

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Warehouse Unit Cooler

Application Rating and Electrical Data - Electric Defrost Models - Three-Phase Motor with High-Static Fan Blades cont.

Model Number	460V/3				Heater Amps			Heater Watts	
	MCA		MOPD		460V/3				
	Base Model	EcoNet Enabled ²	Base Model	EcoNet Enabled ²	No. of Circuits	Amps Each Circuit	Total Heater Amps		
6 FPI									

WW6E036GHA WW6E047GHA WW6E059GHA	15.0	15.0	20	20	1	7.5	7.5	6,000
WW6E072GHA WW6E096GHA WW6E120GHA	15.0	16.1	20	20	1	15.1	15.1	12,000
WW6E143GHA WW6E179GHA	15.0	23.6	20	25	1	22.6	22.6	18,000
WW6E216GHA	15.0	31.1	20	35	1	30.1	30.1	24,000

4 FPI

WW4E038GHA WW4E048GHA	15.0	15.0	20	20	1	7.5	7.5	6,000
WW4E077GHA WW4E097GHA	15.0	16.1	20	20	1	15.1	15.1	12,000
WW4E115GHA WW4E145GHA	15.0	23.6	20	25	1	22.6	22.6	18,000
WW4E182GHA	15.0	31.1	20	35	1	30.1	30.1	24,000

See notes on page 7.



Warehouse Unit Cooler

Physical Dimensions

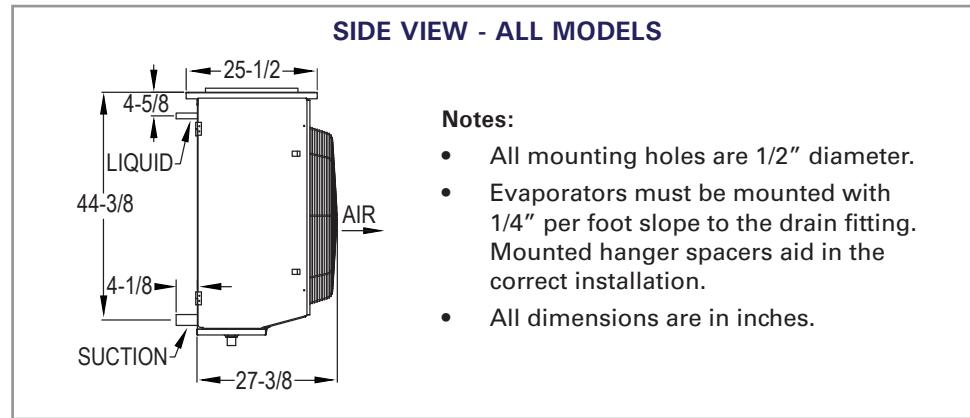
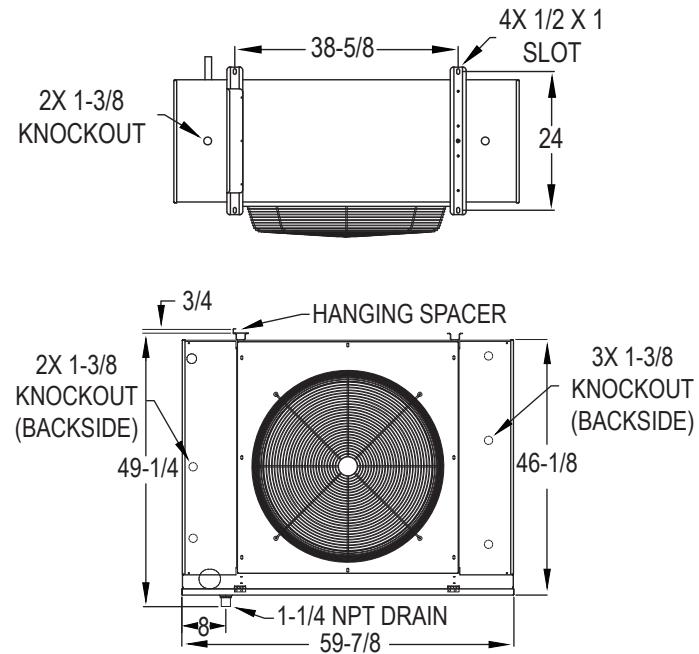


FIGURE 1 - SINGLE FAN



Warehouse Unit Cooler

Physical Dimensions

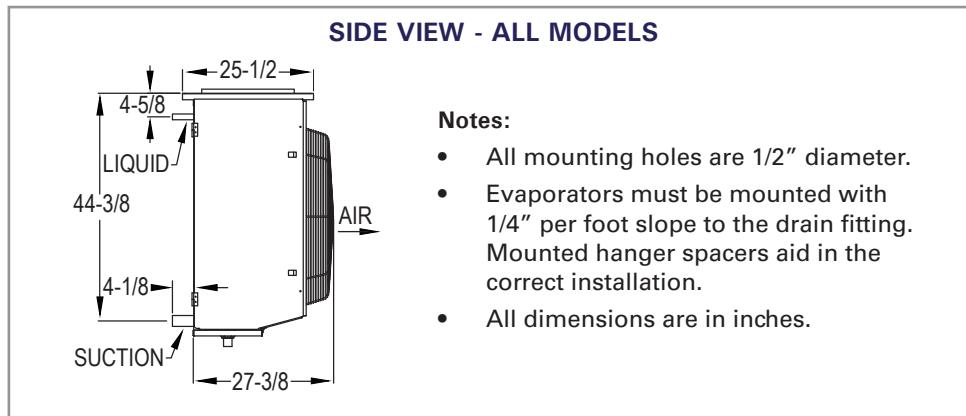
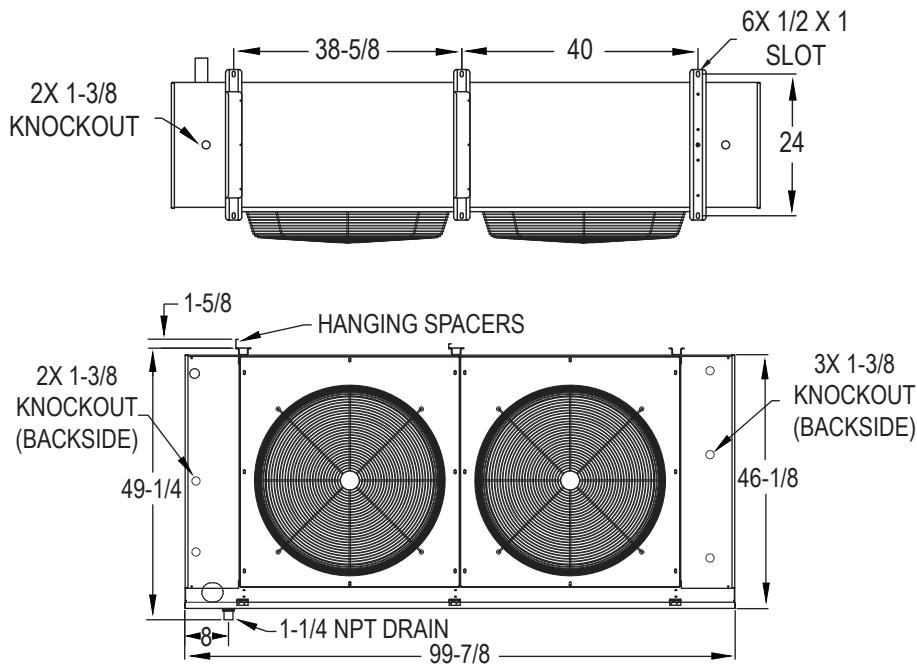


FIGURE 1 - TWO FAN



Warehouse Unit Cooler

Physical Dimensions

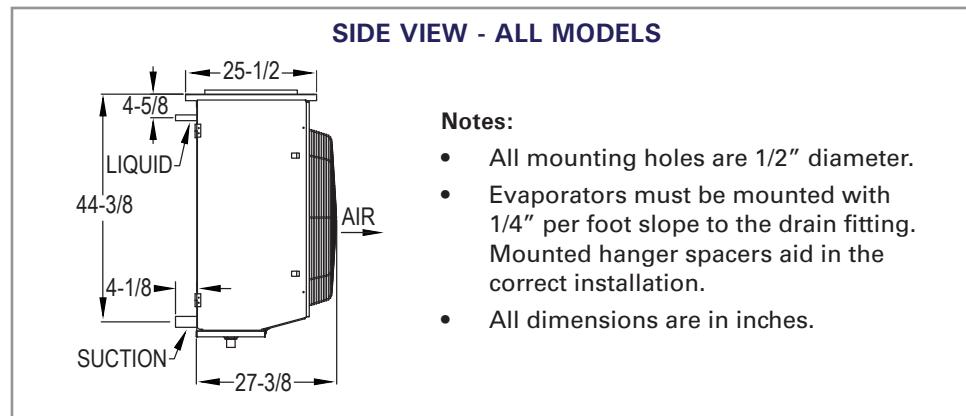
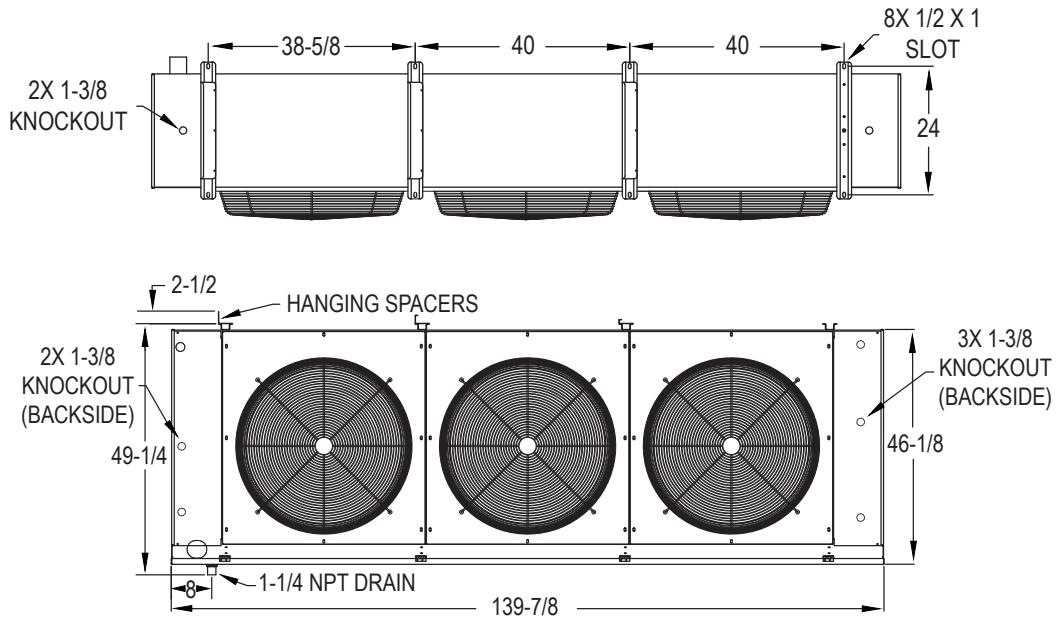


FIGURE 1 - THREE FAN



Warehouse Unit Cooler

Physical Dimensions

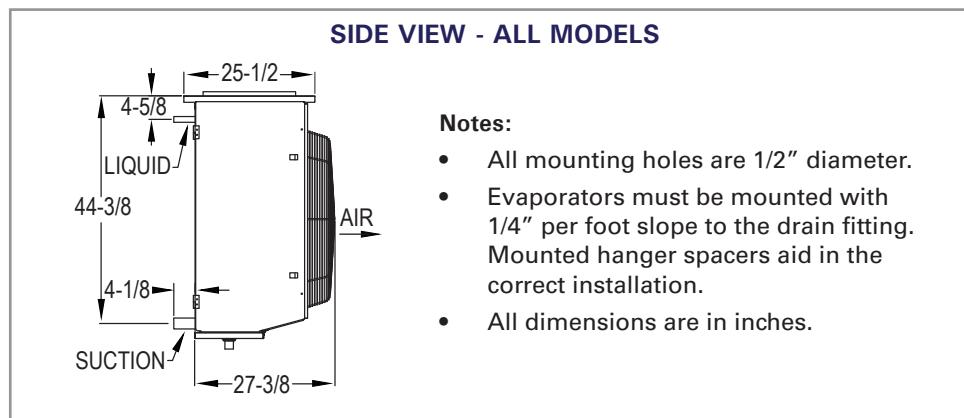
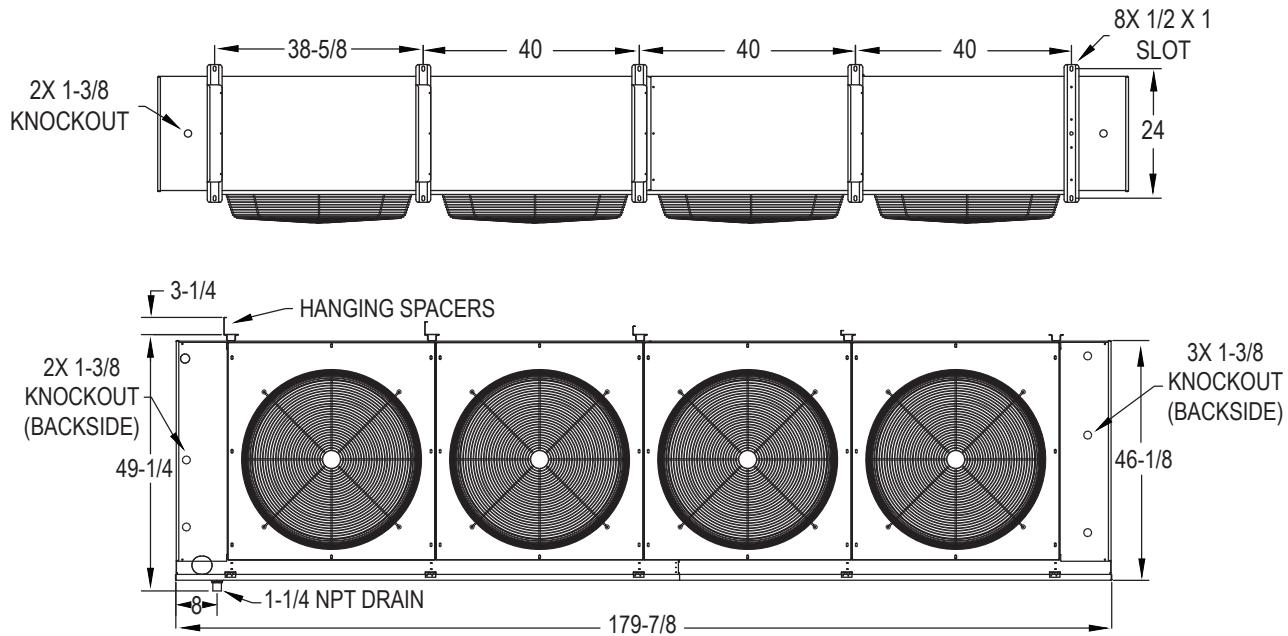


FIGURE 4- FOUR FAN



Warehouse Unit Cooler

Due to continuing product development, specifications are subject to change without notice.



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