

Value-Add SystemPro™ Condensing Units

Install confidence.
It's your reputation.



Value-Add SystemPro™ condensing units

In the fast paced world of retail establishments, servicing refrigeration equipment can be challenging. Customers are demanding, the work environment is less than optimal, and time is at a premium. Emerson Climate Technologies can help with the new Value-Add line of SystemPro™ condensing units.

Keep your customers happy

There are numerous refrigeration applications that utilize fractional horsepower sized condensing units. Reach-in cases, food prep tables, and under-counters are just a few examples. Servicing this equipment can be difficult due to limited space. Using a Value-Add condensing unit with factory installed system protection devices saves on installation time and reduces disruptions to foodservice operations. You win and your customer wins.

Make your business more productive

A labor cost savings solution...a Value-Add condensing unit with factory installed components significantly reduces on-site tube prepping, brazing, supplies and materials. In addition, it diminishes the need for frequent leak inspections since all filter drier and moisture indicator braze joints have been factory tested. Fewer job site problems and fewer call backs.

Make your business more profitable

Value-Add condensing units reduce installation costs, reduce call backs and cut warranty expense. This translates into increased billing efficiency and a better bottom line. So the next time you replace a fractional horsepower condensing unit ask for the Value-Add SystemPro™ unit from Emerson Climate Technologies.

Benefits for the foodservice operator

- Less disruption to their business
- Less equipment downtime
- Increased equipment reliability
- No additional cost

Benefits for the contractor

- Lower installation costs
- Fewer job site problems
- Lower warranty expense
- Reduced call backs
- Greater billing efficiency

Factory installed system protection

- Provides higher system reliability
- Provides a solution to working in restricted spaces

How to use the selection guide

Use the selection guide to cross reference fighter and feature models to the Value-Add models. These NEW Value-Add models offer factory installed filter driers and moisture indicators so there is no need to purchase these components separately. To avoid installation issues be sure to select the appropriate condensing unit based on your application requirements and replacement needs.

HIGH and MEDIUM TEMPERATURE (BTUH @ 90°F Ambient / +25°F Evap)														
Refrig	Oil Type	H.P.	Compressor	Air-Cooled Unit Model	Electrical	BOM			BTU/H	Overall Dimensions (in.)			Connecting Lines	
						Fighter	Featured	Value Add		L	W	H	Suction	Liquid
R-134a	POE	1/4	ARE27C3E	M2FH-0026	IAA	109	001	072	2080	14.2	12.3	11.8	3/8 S	1/4 S
	POE	1/3	ARE37C3E	M2FH-A033	IAA	109	201	272	2620	14.2	12.3	11.8	3/8 S	1/4 S
	POE	1/2	ART51C1E	M2FH-0049	IAA	109	201	272	3600	16.3	13.1	11.8	3/8 S	1/4 S
	POE	1/2	ART62C1E	M2FH-0050	IAA	109	201	272	4230	16.3	13.1	11.8	3/8 S	1/4 S
	POE	1/2	ART64C1E	M2FH-0056	IAA, IAV	109	201	272	4630	17.9	14.4	11.8	3/8 S	1/4 S
R-404A	POE	1/4	ASE19C3E	M4FH-0025	IAA	109	201	272	2430	14.2	12.3	11.8	3/8 S	1/4 S
	POE	1/3	ASE24C3E	M4FH-A036	IAA	109	201	272	3370	16.3	13.1	11.8	3/8 S	1/4 S
	POE	1/2	ASE32C3E	M4FH-0050	CAA, CAV	109	201	272	4380	16.3	13.1	11.8	3/8 S	1/4 S
R-22	AB	1/4	ARE36C3	MCFH-0027	IAA	109	201	272	2600	14.2	12.3	11.8	3/8 S	1/4 S
	AB	1/3	ARE43C3	MCFH-0036	IAA	109	201	272	3140	16.3	13.1	11.8	3/8 S	1/4 S
	AB	1/2	ARE59C3	MCFH-0049	CAA, CAV	109	201	272	4250	16.3	13.1	11.8	3/8 S	1/4 S
	AB	1/2	ART69C1	MCFH-0056	IAA, IAV	109	201	272	4950	17.7	14.4	11.8	3/8 S	1/4 S
R-12	AB	1/4	ARE27C3	MBFH-A026	IAA	109	001	072	1980	14.2	12.3	11.8	3/8 S	1/4 S
	AB	1/3	ARE37C3	MBFS-0033	IAA	109	201	272	2510	14.2	12.3	11.8	3/8 S	1/4 S
	AB	1/2	ART62C1	MBFH-0050	IAA	109	201	272	4030	16.3	13.1	11.8	3/8 S	1/4 S

LOW TEMPERATURE (BTUH @ 90°F Ambient / -10°F Evap)

Refrig	Oil Type	H.P.	Compressor	Air-Cooled Unit Model	Electrical	BOM			BTU/H	Overall Dimensions (in.)			Connecting Lines	
						Fighter	Featured	Value Add		L	W	H	Suction	Liquid
R-404A	POE	1/4	AFB09C3E	M4FL-0025	IAA		001	072	920	14.2	12.3	11.8	3/8 S	1/4 S
	POE	1/3	AFE11C3E	M4FL-0033	IAA	109	001	072	1390	14.2	12.3	11.8	3/8 S	1/4 S
	POE	1/2	AFE13C3E	M4FL-0040	IAA, IAV	109	201	272	2040	16.3	13.1	11.8	3/8 S	1/4 S
	POE	1/2	AFT18C1E	M4FL-0051	IAA	109	201	272	2430	17.4	13.1	11.8	1/2 S	1/4 S
	POE	1/2	AFT26C1E	M4FL-0067	CFA, CFV	109	201	272	3290	18.1	14.4	11.8	1/2 S	1/4 S

Unit Features

BOM	Suction Valve	Receiver w/Valve	Fan Guard	Filter Drier	Sight Glass	B/X Conduit	UL/UR
072	●	●	●	●	●	●	UL
272	●	●	●	●	●	●	UR

Electric Nomenclature

voltage-phase-hertz

115-1-60	208/230-1-60
CAA/CFA	CAV/CFV
IAA	IAV

2006DS-194 (11/06) Emerson®, Emerson. Consider It Solved™, Emerson Climate Technologies™ and the Emerson Climate Technologies™ logo are the trademarks and service marks of Emerson Electric Co. and are used with the permission of Emerson Electric Co. Copeland®, the Copeland® brand products logo and SystemPro™ are the trademarks and service marks of Emerson Climate Technologies, Inc. All other trademarks are the property of their respective owners. ©2006 Emerson Climate Technologies, Inc. All rights reserved. Printed in the USA.

