

RPM-E Specifications

Pre-Piped Refrigerant Cooling Module



Specifications		RPM-E-50	RPM-E-70	RPM-E-100
Matching Fan Coil		HE-Z/HE-B/HE-50/51 HV-50/51/52 LV-50	HE-Z/HE-B/HE/HV-70/71 LV-70	HE-Z/HE-B/HE/HV-100/101
Part Number		20090200050	20090200070	20090200100
Tons ⁽¹⁾		1.5 - 2.0 (5.3 - 7.0 kW)	2.5 - 3.0 (8.8 - 10.6 kW)	3.5 - 5.0 (12.3 - 17.6 kW)
Refrigerant Type		R-410A	R-410A	R-410A
TX Cooling MBH ⁽²⁾		18-24 (5.3-7.0 kW)	30-36 (8.8-10.6 kW)	42-60 (12.3-17.6 kW)
Latent Cooling MBH		6.8-8.9 (2.0-2.6 kW)	11.7-13.7 (3.4-4.0 kW)	16.0-22.2 (4.7-6.5 kW)
Fin Material		Aluminum	Aluminum	Aluminum
Tubing Material		Copper	Copper	Copper
Type of Fins		.006 Al (0.1524mm)	.006 Al (0.1524mm)	.006 Al (0.1524mm)
Hydronic Connection Sizes	Liquid Line (Lq)	3/8" (9.5mm)	3/8" (9.5mm)	3/8" (9.5mm)
	Suction Line (S)	7/8" (22.3mm)	7/8" (22.3mm)	7/8" (22.3mm)
	Drain Connection	3/4" (19mm)	3/4" (19mm)	3/4" (19mm)
TXV with Built in Check Valve & Bypass		Yes	Yes	Yes
Site Glass		Yes	Yes	Yes
Access Ports		Yes	Yes	Yes
Freeze Stat		Yes	Yes	Yes
Shipping Weight		48 lbs (22kg)	59 lbs (27kg)	74 lbs (34kg)
Module Size (L x W x H)		19 1/4" x 14 5/8" x 18 1/2" (489mm x 371mm x 470mm)	24 1/4" x 14 5/8" x 18 1/2" (616mm x 371mm x 470mm)	32" x 14 5/8" x 18 1/2" (813mm x 371mm x 470mm)

(1) Minimum of **eight 2" outlets** per ton of cooling needed. (HE Duct = Minimum **four outlets** per ton)
 (2) Smaller condensers may be matched to the fan coil when needed (match TXV to condenser size)

MBH - Thousand British Thermal Units per Hour
 TX - Thermal Expansion
 TXV - Thermal Expansion Valve

Multiple Access Coils:

Can be used with a fan coil installed in any position. With our pre-fabricated knock outs, select the desired position and within minutes it is ready for installation.

Comes Pre-Piped:

The TXV (Thermal Expansion Valve), site glass, access ports and external freeze stat are already installed. The liquid and suction lines have male solder connections at a standard width making connections to the condenser lines quick and easy.

RPM-E Refrigerant Modules come with:

- Integrated Heat Pump Ready TX Valve, with Built-In Check Valve
- Integrated Access Ports
- Integrated Site Glass
- Integrated Freeze Stat
- Two L Mounting Brackets
- Drain Pan