

# RCM Specifications

## Refrigerant Cooling Module



Specifications		RCM-50	RCM-70	RCM-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		10090200050	10090200070	40090200100
Tons <sup>(1)</sup>		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 <sup>(2)</sup>		18-24 (5.3-7.0 kW)	30-36 (8.8-10.6 kW)	42-60 (12.3-17.6 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)	1/2" (13mm)	1/2" (13mm)	1/2" (13mm)
	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		21 lbs (9.5kg)	34 lbs (15.5kg)	45 lbs (20kg)
Module Size (L x W x H)		14 3/8" x 10 1/8" x 18 1/2" (365mm x 257mm x 470mm)	19 3/8" x 10 1/8" x 18 1/2" (492mm x 257mm x 470mm)	25 3/8" x 10 1/8" x 18 1/2" (645mm x 257mm 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

### RCM Refrigerant Modules come with:

- Heat Pump Ready Thermal Expansion Valve, with Built-In Check Valve
- Integrated Access Ports
- Site Glass
- Freeze Stat
- Two L Mounting Brackets
- Carry-over Screen
- Drain Pan