



High Efficiency Heating, Cooling and Indoor Air Quality Systems

Manufactured by
Energy Saving
PRODUCTS LTD

RBM Series

Refrigerant Base Module



Modular Cooling Coil Design matches and attaches easily to any Hi-Velocity Fan Coil in any orientation

3 Sizes - 1.5 to 5 Tons

Multi-Positional

Can be installed vertically or horizontally, allowing for many different installation orientations and multi-directional airflow

Time Saving

Heat Pump Ready & Adjustable TX Valve comes pre-installed, saving time in the field. Coil assembly comes complete with TXV, Freeze Stat, Service/Access Ports & T-Mounting Brackets

Space Saving

Stackable fan coil and cooling coil will reduce system footprint in mechanical room



The Modern Solution for all of your Heating, Cooling and Zoning Needs

www.hi-velocity.com



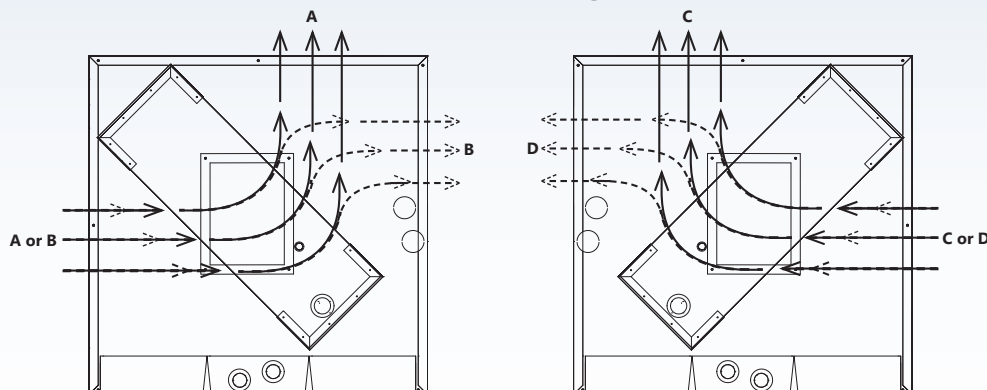
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RBM Series

Refrigerant Base Module

Multiple Airflow Configurations



Specifications

RBM-50

RBM-70

RBM-100

Matching Fan Coil		HE-Z/HE-B/HE-50/51 HV-50/51/52	HE-Z/HE-B/HE/HV-70/71	HE-Z/HE-B/HE/HV-100/101
Part Number		41090300050	41090300070	41090300100
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)
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" M CPVC (19mm)	3/4" M CPVC (19mm)	3/4" M CPVC (19mm)
TXV with Built in Check Valve & Bypass		Pre-Installed	Pre-Installed	Pre-Installed
Access Ports		Yes	Yes	Yes
Freeze Stat		Yes	Yes	Yes
Shipping Weight		35 lbs (15.9 kg)	45 lbs (20.4 kg)	55 lbs (24.9 kg)
Module Size (L x W x H)		14 1/2" x 18 1/4" x 18 1/4" (368mm x 464mm x 464mm)	19 1/2" x 18 1/4" x 18 1/4" (495mm x 464mm x 464mm)	25 1/2" x 18 1/4" x 18 1/4" (648mm x 464mm x 464mm)

(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

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1-888-652-2219



Module-RBMb-Variable-Speed-Heat-Pump-Brochure-080118