



High Efficiency Heating, Cooling and Indoor Air Quality Systems

RBM Series

Refrigerant Base Module

Manufactured by
Energy Saving
PRODUCTS LTD



**Modular Cooling Coil Design
matches and attaches easily to
any Hi-Velocity Air Handler in
any orientation**

3 Sizes - 1.5 to 5 Tons

Multi-Positional

The RBM Cooling Coil 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 air handler 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



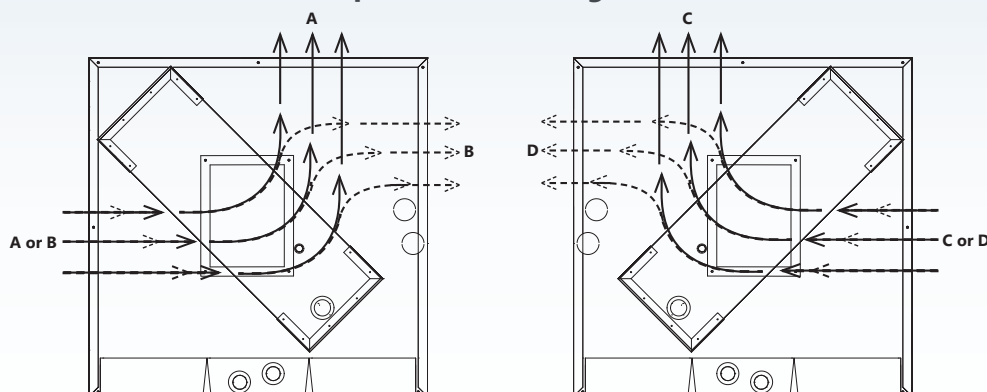
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Multiple Airflow Configurations



| Specifications | | RBM-50 | RBM-70 | RBM-100 |
|--|------------------|--|--|---|
| Part Number | | 41090300050 | 41090300070 | 41090300100 |
| Matching Air Handler | | HE-Z/HE-B/HE/HV-50/51 CU-51 LV-Z/LV-B-750/751 LV-50 | HE-Z/HE-B/HE/HV-70/71 LV-Z/LV-B-1050/1051 LV-70 | HE-Z/HE-P/HE-B/HE/ HV-100/101 HE-P-240/241 (x2 Coils) |
| 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 |
| Freeze Stat | | Yes | Yes | Yes |
| Access Port(s) | | Yes | Yes | Yes |
| Shipping Weight | | 35 lbs (15.9 kg) | 45 lbs (20.4 kg) | 55 lbs (24.9 kg) |
| Coil Module Dimensions (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