

Hi-Velocity Specifications & Sizing



HE-Z Series
Specifications
Pg. 2



HE-B Series
Specifications
Pg. 3



LV-Z Series
Specifications
Pg. 4



HV Series
Specifications
Pg. 5



LV Series
Specifications
Pg. 6



JH Series
Specifications
Pg. 7



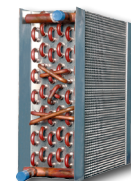
RPM-E Series
Specifications
Pg. 8



RCM Series
Specifications
Pg. 9



WCM Series
Specifications
Pg. 10



Hot Water Coil
Specifications
Pg. 11



Electric Strip Coil
Specifications
Pg. 12



Flexible Duct
Specifications
Pg. 13



HE PS
Specifications
Pg. 14

Matching Coils
Refrigerant Coils
RPM-E/RCM-50, 70, 100
Chilled Water Coils
WCM-50, 70, 100
Hot Water Coils
HWC-50, 70, 100
Electrical Coils
ESH-650 (5-15 kW)
ESH-750 (5-18 kW)
ESH-1100 (10-23 kW)

HE-Z Series Specifications

Hi-Velocity Fan Coil w/ VFD



HE-Z-50/51

HE-Z-70/71

HE-Z-100/101

Hot Water Heating ⁽¹⁾		2 Ton Airflow (7.0 kW)		3 Ton Airflow (10.6 kW)		5 Ton Airflow (17.6 kW)	
Coil Type		6 Row/10 FPI		6 Row/10 FPI		6 Row/10 FPI	
Max. BTUH @ 190°F E.W.T. (kW @ 88°C)		59,400 (17.4 kW)		89,200 (26.1 kW)		134,000 (39.3 kW)	
Max. BTUH @ 180°F E.W.T. (kW @ 82°C)		54,500 (16.0 kW)		81,800 (24.0 kW)		122,900 (36.0 kW)	
Max. BTUH @ 170°F E.W.T. (kW @ 77°C)		49,600 (14.5 kW)		74,400 (21.8 kW)		111,800 (32.8 kW)	
Max. BTUH @ 160°F E.W.T. (kW @ 71°C)		44,600 (13.1 kW)		67,100 (19.7 kW)		100,700 (29.5 kW)	
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)		39,700 (11.6 kW)		59,700 (17.5 kW)		89,700 (26.3 kW)	
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)		34,700 (10.2 kW)		51,800 (15.2 kW)		78,400 (23.0 kW)	
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)		29,700 (8.7 kW)		44,700 (13.1 kW)		67,100 (19.7 kW)	
Max. BTUH @ 120°F E.W.T. (kW @ 49°C)		24,800 (7.3 kW)		37,400 (11.0 kW)		56,200 (16.5 kW)	
Max. BTUH @ 110°F E.W.T. (kW @ 43°C)		20,100 (5.9 kW)		30,300 (8.9 kW)		45,500 (13.3 kW)	
GPM Flow Ratings (L/s Flow Ratings)		5 (0.32 L/s)		7 (0.44 L/s)		10 (0.63 L/s)	
Pressure Drop in Ft. H ₂ O (Drop in KPa)		3 (8.96 KPa)		6.5 (19.4 KPa)		6.8 (20.3 KPa)	
Chilled Water Cooling ⁽¹⁾		WCM-50		WCM-70		WCM-100	
Coil Type		6 Row/10 FPI		6 Row/10 FPI		6 Row/10 FPI	
WCM Modules in Cooling Mode		Total	Sensible	Total	Sensible	Total	Sensible
Max. BTUH @ 48°F E.W.T. (kW @ 8.9°C)		19,300 (5.7 kW)	13,700 (4.0 kW)	27,000 (7.9 kW)	19,200 (5.6 kW)	42,100 (12.3 kW)	30,300 (8.9 kW)
Max. BTUH @ 46°F E.W.T. (kW @ 7.8°C)		20,900 (6.1 kW)	14,200 (4.2 kW)	29,400 (8.6 kW)	20,000 (5.9 kW)	45,800 (13.4 kW)	32,100 (9.4 kW)
Max. BTUH @ 44°F E.W.T. (kW @ 6.7°C)		22,600 (6.6 kW)	14,900 (4.4 kW)	31,800 (9.3 kW)	21,000 (6.2 kW)	49,500 (14.5 kW)	33,700 (9.9 kW)
Max. BTUH @ 42°F E.W.T. (kW @ 5.6°C)		24,200 (7.1 kW)	15,700 (4.6 kW)	34,000 (10.0 kW)	21,800 (6.4 kW)	53,200 (15.6 kW)	35,100 (10.3 kW)
Max. BTUH @ 40°F E.W.T. (kW @ 4.4°C)		25,800 (7.6 kW)	16,300 (4.8 kW)	36,400 (10.7 kW)	23,000 (6.7 kW)	56,800 (16.6 kW)	36,400 (10.7 kW)
WCM Modules in Heating Mode		Total		Total		Total	
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)		39,700 (11.6 kW)		59,700 (17.5 kW)		89,700 (26.3 kW)	
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)		34,700 (10.2 kW)		51,800 (15.2 kW)		78,400 (23.0 kW)	
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)		29,700 (8.7 kW)		44,700 (13.1 kW)		67,100 (19.7 kW)	
Max. BTUH @ 120°F E.W.T. (kW @ 49°C)		24,800 (7.3 kW)		37,400 (11.0 kW)		56,200 (16.5 kW)	
Max. BTUH @ 110°F E.W.T. (kW @ 43°C)		20,100 (5.9 kW)		30,300 (8.9 kW)		45,500 (13.3 kW)	
GPM Flow Ratings (L/s Flow Ratings)		5 (0.32 L/s)		7 (0.44 L/s)		10 (0.63 L/s)	
Pressure Drop in Ft. H ₂ O (Drop in KPa)		3 (8.97 KPa)		6.5 (19.4 KPa)		6.8 (20.3 KPa)	
Refrigerant Cooling ⁽¹⁾		RPM-E/RCM-50		RPM-E/RCM-70		RPM-E/RCM-100	
RPM-E/RCM Modules BTUH Refrigerant TX Cooling		1.5 - 2.0 Tons (5.3-7.0 kWh)		2.5 - 3.0 Tons (8.8-10.6 kWh)		3.5 - 5.0 Tons (12.3-17.6 kWh)	
Electrical Heating		HV-650 ESH		HV-750 ESH		HV-1100 ESH	
Kilowatt Range (240v)		5 - 15 kW		5 - 18 kW		10 - 23 kW	
Fan Coil Specifications		HE-Z-50/51		HE-Z-70/71		HE-Z-100/101	
Max Rated CFM @ 1.2" E.S.P. (L/s @ 298 Pa)		500 (236 L/s)		750 (354 L/s)		1250 (590 L/s)	
Voltage		115/230/1/50/60 F.L.A. 8 amp		115/230/1/50/60 F.L.A. 8 amp		115/230/1/50/60 F.L.A. 8 amp	
Nominal Operating Amperage		4 Amps		6 Amps		8 Amps	
Integral Surge and Fuse System		Yes		Yes		Yes	
Horse Power/Watts		3/4hp - 310W		3/4hp - 530W		3/4hp - 720W	
Motor RPM		Variable		Variable		Variable	
Supply Air Size		8" round (203mm)		8" round (203mm)		10" round (254mm)	
Supply Maximum Length ⁽²⁾		70' (21.3m)		80' (24.4m)		100' (30.5m)	
Return Size Needed		12" (120 in ²) (305mm/774cm ²)		12" (120 in ²) (305mm/774cm ²)		14" (168 in ²) (356mm/1084cm ²)	
Minimum Outlets ⁽³⁾		12 (2") 6 (HE)		20 (2") 10 (HE)		28 (2") 14 (HE)	
Maximum Outlets		24 (2") 12 (HE)		32 (2") 16 (HE)		52 (2") 26 (HE)	
Shipping Weight (no coil)		85 lbs (38.6 Kg)		97 lbs (44 Kg)		111 lbs (50.3 Kg)	
Fan Coil Size	Length	32 5/16" (821mm)		32 5/16" (821mm)		32 5/16" (821mm)	
	Width	14 1/2" (368mm)		19 1/2" (495mm)		25 1/2" (648mm)	
	Height	18 1/4" (464mm)		18 1/4" (464mm)		18 1/4" (464mm)	

⁽¹⁾ **Heating** specs are rated at 68°F E.A.T., **Cooling** specs are rated at 80°F/67°F dB/wB

⁽²⁾ Maximum length is from the unit to the supply run end cap. More than one run per unit is allowable.

⁽³⁾ Minimum of **eight 2" outlets** per ton of cooling needed. (HE Duct = Minimum **four outlets** per ton)

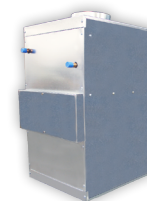
BTUH - British Thermal Units per Hour
E.W.T. - Entering Water Temperature
GPM - US Gallons per Minute
L/s - Litres per Second
CFM - Cubic Feet per Minute

F.L.A. - Full-Load Amperage
RPM - Revolutions per Minute
E.S.P. - External Static Pressure
E.A.T. - Entering Air Temperature
dB/wB - Dry Bulb/Wet Bulb

Matching Coils
Refrigerant Coils
RPM-E/RCM-50, 70, 100
Chilled Water Coils
WCM-50, 70, 100
Hot Water Coils
HWC-50, 70, 100
Electrical Coils
ESH-650 (5-15 kW)
ESH-750 (5-18 kW)
ESH-1100 (10-23 kW)

HE-B Series Specifications

Builders Series Fan Coil w/ VFD



		HE-B-50/51		HE-B-70/71		HE-B-100/101	
Hot Water Heating ⁽¹⁾		2 Ton Airflow (7.0 kW)		3 Ton Airflow (10.6 kW)		5 Ton Airflow (17.6 kW)	
Coil Type		6 Row/10 FPI		6 Row/10 FPI		6 Row/10 FPI	
Max. BTUH @ 190°F E.W.T. (kW @ 88°C)		59,400 (17.4 kW)		89,200 (26.1 kW)		134,000 (39.3 kW)	
Max. BTUH @ 180°F E.W.T. (kW @ 82°C)		54,500 (16.0 kW)		81,800 (24.0 kW)		122,900 (36.0 kW)	
Max. BTUH @ 170°F E.W.T. (kW @ 77°C)		49,600 (14.5 kW)		74,400 (21.8 kW)		111,800 (32.8 kW)	
Max. BTUH @ 160°F E.W.T. (kW @ 71°C)		44,600 (13.1 kW)		67,100 (19.7 kW)		100,700 (29.5 kW)	
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)		39,700 (11.6 kW)		59,700 (17.5 kW)		89,700 (26.3 kW)	
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)		34,700 (10.2 kW)		51,800 (15.2 kW)		78,400 (23.0 kW)	
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)		29,700 (8.7 kW)		44,700 (13.1 kW)		67,100 (19.7 kW)	
Max. BTUH @ 120°F E.W.T. (kW @ 49°C)		24,800 (7.3 kW)		37,400 (11.0 kW)		56,200 (16.5 kW)	
Max. BTUH @ 110°F E.W.T. (kW @ 43°C)		20,100 (5.9 kW)		30,300 (8.9 kW)		45,500 (13.3 kW)	
GPM Flow Ratings (L/s Flow Ratings)		5 (0.32 L/s)		7 (0.44 L/s)		10 (0.63 L/s)	
Pressure Drop in Ft. H ₂ O (Drop in KPa)		3 (8.96 KPa)		6.5 (19.4 KPa)		6.8 (20.3 KPa)	
Chilled Water Cooling ⁽¹⁾		WCM-50		WCM-70		WCM-100	
Coil Type		6 Row/10 FPI		6 Row/10 FPI		6 Row/10 FPI	
WCM Modules in Cooling Mode		Total	Sensible	Total	Sensible	Total	Sensible
Max. BTUH @ 48°F E.W.T. (kW @ 8.9°C)		19,300 (5.7 kW)	13,700 (4.0 kW)	27,000 (7.9 kW)	19,200 (5.6 kW)	42,100 (12.3 kW)	30,300 (8.9 kW)
Max. BTUH @ 46°F E.W.T. (kW @ 7.8°C)		20,900 (6.1 kW)	14,200 (4.2 kW)	29,400 (8.6 kW)	20,000 (5.9 kW)	45,800 (13.4 kW)	32,100 (9.4 kW)
Max. BTUH @ 44°F E.W.T. (kW @ 6.7°C)		22,600 (6.6 kW)	14,900 (4.4 kW)	31,800 (9.3 kW)	21,000 (6.2 kW)	49,500 (14.5 kW)	33,700 (9.9 kW)
Max. BTUH @ 42°F E.W.T. (kW @ 5.6°C)		24,200 (7.1 kW)	15,700 (4.6 kW)	34,000 (10.0 kW)	21,800 (6.4 kW)	53,200 (15.6 kW)	35,100 (10.3 kW)
Max. BTUH @ 40°F E.W.T. (kW @ 4.4°C)		25,800 (7.6 kW)	16,300 (4.8 kW)	36,400 (10.7 kW)	23,000 (6.7 kW)	56,800 (16.6 kW)	36,400 (10.7 kW)
WCM Modules in Heating Mode		Total		Total		Total	
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)		39,700 (11.6 kW)		59,700 (17.5 kW)		89,700 (26.3 kW)	
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)		34,700 (10.2 kW)		51,800 (15.2 kW)		78,400 (23.0 kW)	
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)		29,700 (8.7 kW)		44,700 (13.1 kW)		67,100 (19.7 kW)	
Max. BTUH @ 120°F E.W.T. (kW @ 49°C)		24,800 (7.3 kW)		37,400 (11.0 kW)		56,200 (16.5 kW)	
Max. BTUH @ 110°F E.W.T. (kW @ 43°C)		20,100 (5.9 kW)		30,300 (8.9 kW)		45,500 (13.3 kW)	
GPM Flow Ratings (L/s Flow Ratings)		5 (0.32 L/s)		7 (0.44 L/s)		10 (0.63 L/s)	
Pressure Drop in Ft. H ₂ O (Drop in KPa)		3 (8.97 KPa)		6.5 (19.4 KPa)		6.8 (20.3 KPa)	
Refrigerant Cooling ⁽¹⁾		RPM-E/RCM-50		RPM-E/RCM-70		RPM-E/RCM-100	
RPM-E/RCM Modules BTUH Refrigerant TX Cooling		1.5 - 2.0 Tons (5.3-7.0 kWh)		2.5 - 3.0 Tons (8.8-10.6 kWh)		3.5 - 5.0 Tons (12.3-17.6 kWh)	
Electrical Heating		HV-650 ESH		HV-750 ESH		HV-1100 ESH	
Kilowatt Range (240v)		5 - 15 kW		5 - 18 kW		10 - 23 kW	
Fan Coil Specifications		HE-B-50/51		HE-B-70/71		HE-B-100/101	
Max Rated CFM @ 1.2" E.S.P. (L/s @ 298 Pa)		500 (236 L/s)		750 (354 L/s)		1250 (590 L/s)	
Voltage		115/230/1/50/60 F.L.A. 8 amp		115/230/1/50/60 F.L.A. 8 amp		115/230/1/50/60 F.L.A. 8 amp	
Nominal Operating Amperage		4 Amps		6 Amps		8 Amps	
Integral Surge and Fuse System		Yes		Yes		Yes	
Horse Power/Watts		3/4hp - 310W		3/4hp - 530W		3/4hp - 720W	
Motor RPM		Variable		Variable		Variable	
Supply Air Size		8" round (203mm)		8" round (203mm)		10" round (254mm)	
Supply Maximum Length ⁽²⁾		70' (21.3m)		80' (24.4m)		100' (30.5m)	
Return Size Needed		12" (120 in ²) (305mm/774cm ²)		12" (120 in ²) (305mm/774cm ²)		14" (168 in ²) (356mm/1084cm ²)	
Minimum Outlets ⁽³⁾		12 (2") 6 (HE)		20 (2") 10 (HE)		28 (2") 14 (HE)	
Maximum Outlets		24 (2") 12 (HE)		32 (2") 16 (HE)		52 (2") 26 (HE)	
Shipping Weight (no coil)		85 lbs (38.6 Kg)		97 lbs (44 Kg)		111 lbs (50.3 Kg)	
Fan Coil Size	Length	32 5/16" (821mm)		32 5/16" (821mm)		32 5/16" (821mm)	
	Width	14 1/2" (368mm)		19 1/2" (495mm)		25 1/2" (648mm)	
	Height	18 1/4" (464mm)		18 1/4" (464mm)		18 1/4" (464mm)	

⁽¹⁾ **Heating** specs are rated at 68°F E.A.T., **Cooling** specs are rated at 80°F/67°F dB/wB

⁽²⁾ Maximum length is from the unit to the supply run end cap. More than one run per unit is allowable.

⁽³⁾ Minimum of **eight 2" outlets** per ton of cooling needed. (HE Duct = Minimum **four outlets** per ton)

BTUH - British Thermal Units per Hour
E.W.T. - Entering Water Temperature
GPM - US Gallons per Minute
L/s - Litres per Second
CFM - Cubic Feet per Minute

F.L.A. - Full-Load Amperage
RPM - Revolutions per Minute
E.S.P. - External Static Pressure
E.A.T. - Entering Air Temperature
dB/wB - Dry Bulb/Wet Bulb

Matching Coils
Chilled Water Coils
WCM-70/1050, 100/1050
Hot Water Coils
HWC-50, 70, 100
Electrical Coils
ESH-750 (5-18 kW)

LV-Z Series Specifications

Low Velocity Fan Coil w/ VFD



LV-Z-1050

LV-Z-1750

Hot Water Heating ⁽¹⁾	1.5 Ton Airflow (5.3 kW)	2 Ton Airflow (7.0 kW)	2.5 Ton Airflow (8.8 kW)	3 Ton Airflow (10.6 kW)	3.5 Ton Airflow (12.30 kW)	4 Ton Airflow (14.1 kW)	5 Ton Airflow (17.6 kW)
Coil	70/1050	70/1050	70/1050 ⁽²⁾	70/1050 ⁽²⁾	1750	1750	1750
Coil Type	6 Row/10 FPI	6 Row/10 FPI	6 Row/10 FPI	6 Row/10 FPI	6 Row/10 FPI	6 Row/10 FPI	6 Row/10 FPI
Max. BTUH @ 190°F E.W.T. (kW @ 88°C)	50,100 (14.67 kW)	63,200 (18.51 kW)	75,200 (22.02 kW)	86,000 (25.18 kW)	112,800 (33.03 kW)	125,500 (36.75 kW)	149,200 (43.69 kW)
Max. BTUH @ 180°F E.W.T. (kW @ 82°C)	45,900 (13.44 kW)	58,000 (16.98 kW)	69,000 (20.20 kW)	78,900 (23.10 kW)	103,400 (30.28 kW)	115,100 (33.70 kW)	136,800 (40.06 kW)
Max. BTUH @ 170°F E.W.T. (kW @ 77°C)	41,800 (12.24 kW)	52,800 (15.46 kW)	62,700 (18.36 kW)	71,700 (20.99 kW)	94,200 (27.58 kW)	104,700 (30.66 kW)	124,400 (36.43 kW)
Max. BTUH @ 160°F E.W.T. (kW @ 71°C)	37,700 (11.04 kW)	47,500 (13.91 kW)	56,500 (16.54 kW)	64,600 (18.92 kW)	84,800 (24.83 kW)	94,300 (27.61 kW)	112,100 (32.82 kW)
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)	33,600 (9.84 kW)	42,300 (12.39 kW)	50,300 (14.73 kW)	57,400 (16.81 kW)	75,500 (22.11 kW)	83,900 (24.57 kW)	99,700 (29.19 kW)
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)	29,400 (8.61 kW)	37,000 (10.83 kW)	43,900 (12.85 kW)	50,100 (14.67 kW)	66,100 (19.35 kW)	73,400 (21.49 kW)	87,000 (25.47 kW)
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)	25,200 (7.38 kW)	31,700 (9.28 kW)	37,500 (10.98 kW)	42,700 (12.50 kW)	56,600 (16.57 kW)	62,800 (18.39 kW)	74,400 (21.79 kW)
Max. BTUH @ 120°F E.W.T. (kW @ 49°C)	21,100 (6.18 kW)	26,500 (7.76 kW)	31,500 (9.22 kW)	35,900 (10.51 kW)	47,400 (13.88 kW)	52,600 (15.40 kW)	62,300 (18.24 kW)
Max. BTUH @ 110°F E.W.T. (kW @ 43°C)	17,100 (5.01 kW)	21,400 (6.27 kW)	25,500 (7.47 kW)	29,100 (8.52 kW)	38,300 (11.21 kW)	42,600 (12.47 kW)	50,500 (14.79 kW)
GPM Flow ratings (L/s Flow Ratings)	5 (0.32 L/s)	5 (0.32 L/s)	5 (0.32 L/s)	5 (0.32 L/s)	10 (0.63 L/s)	10 (0.63 L/s)	10 (0.63 L/s)
Pressure Drop in FT. H ₂ O (Drop in KPa)	3.9 (11.66 KPa)	3.9 (11.66 KPa)	3.9 (11.66 KPa)	3.9 (11.66 KPa)	3.1 (9.27 KPa)	3.1 (9.27 KPa)	3.1 (9.27 KPa)

Chilled Water Cooling ⁽¹⁾	WCM-70/1050		WCM-100/1050		WM-1750		
Coil Type	70/1050	70/1050	100/1050 ⁽³⁾	100/1050 ⁽³⁾	1750	1750	1750
E.W.T.							
Max. BTUH @ 48°F E.W.T. (kW @ 8.9°C)	20,200 (5.91 kW)	23,800 (6.97 kW)	31,500 (9.22 kW)	34,900 (10.22 kW)	46,700 (13.67 kW)	50,400 (14.76 kW)	56,200 (16.46 kW)
Max. BTUH @ 46°F E.W.T. (kW @ 7.8°C)	22,000 (6.44 kW)	25,800 (7.55 kW)	34,200 (10.01 kW)	37,900 (11.10 kW)	50,700 (14.85 kW)	54,600 (15.99 kW)	60,900 (17.83 kW)
Max. BTUH @ 44°F E.W.T. (kW @ 6.7°C)	23,700 (6.94 kW)	27,800 (8.14 kW)	37,000 (10.83 kW)	40,800 (11.95 kW)	55,000 (16.10 kW)	58,800 (17.22 kW)	65,500 (19.18 kW)
Max. BTUH @ 42°F E.W.T. (kW @ 5.6°C)	25,400 (7.44 kW)	29,900 (8.76 kW)	39,600 (11.60 kW)	43,800 (12.83 kW)	58,300 (17.07 kW)	62,900 (18.42 kW)	70,000 (20.50 kW)
Max. BTUH @ 40°F E.W.T. (kW @ 4.4°C)	27,000 (7.91 kW)	31,800 (9.31 kW)	42,200 (12.36 kW)	46,600 (13.64 kW)	62,100 (18.18 kW)	66,900 (19.59 kW)	74,500 (21.81 kW)
S.H.R.							
Max. BTUH @ 48°F E.W.T. (kW @ 8.9°C)	69%	72%	71%	73%	69%	71%	74%
Max. BTUH @ 46°F E.W.T. (kW @ 7.8°C)	67%	70%	68%	70%	67%	68%	71%
Max. BTUH @ 44°F E.W.T. (kW @ 6.7°C)	65%	67%	66%	68%	65%	66%	69%
Max. BTUH @ 42°F E.W.T. (kW @ 5.6°C)	63%	66%	65%	66%	64%	65%	67%
Max. BTUH @ 40°F E.W.T. (kW @ 4.4°C)	62%	64%	63%	65%	62%	63%	65%
GPM Flow ratings (L/s Flow Ratings)	5 (0.32 L/s)	5 (0.32 L/s)	7 (0.44 L/s)	7 (0.44 L/s)	10 (0.63 L/s)	10 (0.63 L/s)	10 (0.63 L/s)
Pressure Drop in FT. H ₂ O (Drop in KPa)	4.5 (13.45 KPa)	4.5 (13.45 KPa)	4.5 (13.45 KPa)	4.5 (13.45 KPa)	3.6 (10.76 KPa)	3.6 (10.76 KPa)	3.6 (10.76 KPa)

Electrical Heating	HV-750 ESH	N/A
Kilowatt Range	5 - 18 kW	N/A

Fan Coil Specifications		LV-Z-1050	LV-Z-1750
Max Rated CFM @ 1" E.S.P. (L/s @ 249 Pa)		1200 (566 L/s)	1750 (826 L/s)
Voltage		115/230/1/50/60 F.L.A. 8 amp	115/230/1/50/60 F.L.A. 8 amp
Nominal Operating Amperage		6 Amps	8 Amps
Integral Surge and Fuse System		Yes	Yes
Horse Power/Watts		1/3hp - 515W	3/4hp - 695W
Motor RPM		Variable	Variable
Supply Air Size		15" X 16" (381mm X 406mm)	22 1/2" X 22 1/2" (572mm X 572mm)
Return Size Needed		182 in ² (0.12m ²)	240 in ² (0.12m ²)
Shipping Weight (no coil)		95 lbs (43 kg)	125 lbs (43 kg)
Fan Coil Size	Length	32 5/16" (821mm)	38 3/4" (984mm)
	Width	19 1/2" (495mm)	26 3/4" (679mm)
	Height	18 1/4" (464mm)	24 1/4" (616mm)

⁽¹⁾ Heating specs are rated at 68°F E.A.T., Cooling specs are rated at 80/67°F dB/wB.

⁽²⁾ WCM-100 will provide approximately the same heating capacities.

⁽³⁾ Use a full transition when using the WCM-100 to ensure even airflow across the coil.
The WCM-70 is not to be used at these airflow rates.

BTUH - British Thermal Units per Hour
E.W.T. - Entering Water Temperature
SHR - Sensible Heat Ratio
GPM - US Gallons per Minute
L/s - Litres per Second
CFM - Cubic Feet per Minute

F.L.A. - Full-Load Amperage
RPM - Revolutions per Minute
E.S.P. - External Static Pressure
E.A.T. - Entering Air Temperature
dB/wB - Dry Bulb/Wet Bulb

Matching Coils
Refrigerant Coils
RPM-E/RCM-50, 70, 100
Chilled Water Coils
WCM-50, 70, 100
Hot Water Coils
HWC-50, 70, 100
Electrical Coils
ESH-650 (5-15 kW)
ESH-750 (5-18 kW)
ESH-1100 (10-23 kW)

HV Series Specifications

Hi-Velocity Fan Coil w/ PSC Motor



	HV-50	HV-70	HV-100
Hot Water Heating ⁽¹⁾	2 Ton Airflow (7.0 kW)	3 Ton Airflow (10.6 kW)	5 Ton Airflow (17.6 kW)
Coil Type	6 Row/10 FPI	6 Row/10 FPI	6 Row/10 FPI
Max. BTUH @ 190°F E.W.T. (kW @ 88°C)	59,610 (17.5 kW)	81,935 (24.0 kW)	123,685 (36.2 kW)
Max. BTUH @ 180°F E.W.T. (kW @ 82°C)	54,646 (16.0 kW)	75,144 (22.0 kW)	113,444 (33.2 kW)
Max. BTUH @ 170°F E.W.T. (kW @ 77°C)	49,716 (14.6 kW)	68,387 (20.0 kW)	103,238 (30.3 kW)
Max. BTUH @ 160°F E.W.T. (kW @ 71°C)	44,786 (13.1 kW)	61,596 (18.1 kW)	92,998 (27.3 kW)
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)	39,856 (11.7 kW)	54,839 (16.1 kW)	82,792 (24.3 kW)
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)	34,789 (10.2 kW)	47,980 (14.1 kW)	72,382 (21.2 kW)
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)	29,757 (8.7 kW)	41,086 (12.3 kW)	61,971 (18.2 kW)
Max. BTUH @ 120°F E.W.T. (kW @ 49°C)	24,895 (7.3 kW)	34,398 (10.1 kW)	51,902 (15.2 kW)
Max. BTUH @ 110°F E.W.T. (kW @ 43°C)	20,136 (5.9 kW)	27,811 (8.2 kW)	42,003 (12.3 kW)
GPM Flow ratings (L/s Flow Ratings)	5 (0.32 L/s)	7 (0.44 L/s)	10 (0.63 L/s)
Pressure Drop in FT. H ₂ O (Drop in KPa)	3 (8.97 KPa)	6.5 (19.42 KPa)	6.8 (20.32 KPa)
Chilled Water Cooling ⁽¹⁾	WCM-50	WCM-70	WCM-100
Coil Type	6 Row/10 FPI	6 Row/10 FPI	6 Row/10 FPI
WCM Modules in Cooling Mode			
Max. BTUH @ 44°F E.W.T. (kW @ 6.7°C)	24,400 (7.2 kW)	35,000 (10.3 kW)	51,000 (14.9 kW)
Max. BTUH @ 42°F E.W.T. (kW @ 5.6°C)	26,000 (7.6 kW)	37,800 (11.1 kW)	55,000 (16.1 kW)
WCM Modules in Heating Mode			
Max. BTUH @ 110°F E.W.T. (kW @ 43°C)	20,136 (5.9 kW)	27,811 (8.2 kW)	42,003 (12.3 kW)
Max. BTUH @ 120°F E.W.T. (kW @ 49°C)	24,895 (7.3 kW)	34,398 (10.1 kW)	51,902 (15.2 kW)
GPM Flow Ratings (L/s Flow Ratings)	5 (0.32 L/s)	7 (0.44 L/s)	10 (0.63 L/s)
Pressure Drop in Ft. H ₂ O (Drop in KPa)	3 (8.97 KPa)	6.5 (19.42 KPa)	6.8 (20.32 KPa)
Refrigerant Cooling ⁽¹⁾	RPM-E/RCM-50	RPM-E/RCM-70	RPM-E/RCM-100
RPM-E/RCM Modules BTUH Refrigerant TX Cooling	1.5 - 2.0 Tons (5.3-7 kWh)	2.5 - 3.0 Tons (8.8-10.6 kWh)	3.5 - 5.0 Tons (12.3-17.6 kWh)
Electrical Heating	HV-650 ESH	HV-750 ESH	HV-1100 ESH
Kilowatt Range	5 - 15 kW	5 - 18 kW	10 - 23 kW
Fan Coil Specifications	HV-50	HV-70	HV-100
Max Rated CFM @ 1.2" E.S.P. (L/s @ 298 Pa)	500 (236 L/s)	750 (354 L/s)	1250 (590 L/s)
Voltage	115/1/50/60 F.L.A. 8 amp	115/1/50/60 F.L.A. 8 amp	115/1/50/60 F.L.A. 8 amp
Nominal Operating Amperage	4.5	5.0	7.5
Integral Surge and Fuse System	Yes	Yes	Yes
Horse Power	1/4	1/3	1/2
Motor RPM	1625	1625	1625
Slo-Blo Fuse (AMPs)	2	2	2
Supply Air Size	8" round (203mm)	8" round (203mm)	10" round (254mm)
Supply Maximum Length ⁽²⁾	70' (21.3m)	80' (24.4m)	100' (30.5m)
Return Size Needed	12" (120 in ²) (305mm/774cm ²)	12" (120 in ²) (305mm/774cm ²)	14" (168 in ²) (356mm/1084cm ²)
Minimum Outlets ⁽³⁾	14 (2") 7 (HE)	20 (2") 10 (HE)	30 (2") 15 (HE)
Maximum Outlets	20 (2") 10 (HE)	29 (2") 14 (HE)	45 (2") 22 (HE)
Shipping Weight (no coil)	64 lbs (29 Kg)	74 lbs (33.5 Kg)	92 lbs (41.7 Kg)
Fan Coil Size	Length	32 5/16" (821mm)	32 5/16" (821mm)
	Width	14 1/2" (368mm)	15 1/2" (648mm)
	Height	18 1/4" (464mm)	18 1/4" (464mm)

⁽¹⁾ Heating specs are rated at 68°F E.A.T., Cooling specs are rated at 80/67°F dB/wB

⁽²⁾ Maximum length is from the unit to the supply run end cap. More than one run per unit is allowable.

⁽³⁾ Minimum of eight 2" outlets per ton of cooling needed. (HE Duct = Minimum four outlets per ton)

BTUH - British Thermal Units per Hour
E.W.T. - Entering Water Temperature
GPM - US Gallons per Minute
L/s - Litres per Second
CFM - Cubic Feet per Minute

F.L.A. - Full-Load Amperage
RPM - Revolutions per Minute
E.S.P. - External Static Pressure
E.A.T. - Entering Air Temperature
dB/wB - Dry Bulb/Wet Bulb

Matching Coils
Refrigerant Coils
RPM-E-50, 70
Chilled Water Coils
WCM-50, 70, 100
Hot Water Coils
HWC-50, 70, 100
Electrical Coils
ESH-650 (5-15 kW)
ESH-750 (5-18 kW)
ESH-1100 (10-23 kW)

LV Series Specifications

Low Velocity Fan Coil w/ PSC Motor



	LV-50	LV-70	LV-120	LV-140
Hot Water Heating ⁽¹⁾	2 Ton Airflow (7.0 kW)	3 Ton Airflow (10.6 kW)	4 Ton Airflow (14.1 kW)	5 Ton Airflow (17.6 kW)
Coil Type	6 row/10 FPI	6 row/10 FPI	6 row/10 FPI	6 row/10 FPI
Max. BTUH @ 190°F E.W.T. (kW @ 88°C)	74,300 (21.8 kW)	98,900 (29.0 kW)	148,700 (43.6 kW)	177,000 (51.9 kW)
Max. BTUH @ 180°F E.W.T. (kW @ 82°C)	68,000 (19.9 kW)	90,500 (26.1 kW)	136,100 (39.9 kW)	162,000 (47.5 kW)
Max. BTUH @ 170°F E.W.T. (kW @ 77°C)	61,600 (18.0 kW)	82,100 (24.0 kW)	123,500 (36.2 kW)	147,000 (43.1 kW)
Max. BTUH @ 160°F E.W.T. (kW @ 71°C)	55,400 (16.2 kW)	73,800 (21.6 kW)	110,900 (32.5 kW)	132,000 (38.7 kW)
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)	49,100 (14.4 kW)	65,400 (19.2 kW)	98,400 (28.8 kW)	117,000 (34.3 kW)
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)	42,800 (12.5 kW)	57,100 (16.7 kW)	85,900 (25.2 kW)	102,100 (30.0 kW)
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)	36,600 (10.7 kW)	48,800 (14.3 kW)	76,400 (22.4 kW)	87,300 (25.6 kW)
GPM Flow Ratings (L/s Flow Ratings)	5 (0.32 L/s)	6 (0.38 L/s)	10 (0.63 L/s)	10 (0.63 L/s)
Pressure Drop in Ft. H ₂ O (Drop in KPa)	3 (8.97 KPa)	5 (14.94 KPa)	7 (20.92 KPa)	7 (20.92 KPa)
Chilled Water Cooling ⁽¹⁾	WCM-50	WCM-70	WCM-100	WCM-100
Coil Type	6 row/10 FPI	6 row/10 FPI	6 row/10 FPI	6 row/10 FPI
WCM Modules in Cooling Mode				
Max. BTUH @ 44°F E.W.T. (kW @ 6.7°C)	22,547 (6.6 kW)	34,486 (10.1 kW)	50,968 (14.9 kW)	56,100 (16.4 kW)
Max. BTUH @ 42°F E.W.T. (kW @ 5.6°C)	24,149 (7.1 kW)	37,046 (10.9 kW)	54,761 (16.0 kW)	60,237 (17.7 kW)
GPM Flow Ratings (L/s Flow Ratings)	5 (0.32 L/s)	6 (0.38 L/s)	10 (0.63 L/s)	10 (0.63 L/s)
Pressure Drop in Ft. H ₂ O (Drop in KPa)	3 (8.97 KPa)	5 (14.94 KPa)	7 (20.92 KPa)	7 (20.92 KPa)
WCM Modules in Heating Mode				
Max. BTUH @ 110°F E.W.T. (kW @ 43°C)	23,400 (6.9 kW)	31,200 (9.1 kW)	46,900 (13.7 kW)	56,200 (16.5 kW)
Max. BTUH @ 120°F E.W.T. (kW @ 49°C)	29,000 (8.5 kW)	38,800 (11.4 kW)	58,300 (17.1 kW)	70,000 (20.5 kW)
GPM Flow Ratings (L/s Flow Ratings)	5 (0.32 L/s)	6 (0.38 L/s)	10 (0.63 L/s)	10 (0.63 L/s)
Pressure Drop in Ft. H ₂ O (Drop in KPa)	3 (8.97 KPa)	5 (14.94 KPa)	7 (20.92 KPa)	7 (20.92 KPa)
Refrigerant Cooling ⁽¹⁾	RPM-E/RCM-50	RPM-E/RCM-70	N/A	N/A
RPM-E/RCM Modules BTUH Refrigerant TX Cooling	1.5-2.0 Tons (5.3-7.0 kWh)	2.5-3.0 Tons (8.8-10.6 kWh)	-	-
Electrical Heating	HV-650 ESH	HV-750 ESH	HV-1100 ESH	HV-1100 ESH
Kilowatt Range	5 - 15 kW	5 - 18 kW	10 - 23 kW	10 - 23 kW
Fan Coil Specifications	LV-50	LV - 70	LV - 120	LV - 140
Max Rated CFM @ 1" E.S.P. (L/s @ 249 Pa)	750 (354 L/s)	1000 (472 L/s)	1500 (708 L/s)	2000 (944 L/s)
Voltage	115/1/50/60 F.L.A. 8 amp	115/1/50/60 F.L.A. 8 amp	115/1/50/60 F.L.A. 8 amp	115/1/50/60 F.L.A. 8 amp
Nominal Operating Amperage	4.2	4.2	4.2	7.5
Integral Surge and Fuse System	Yes	Yes	Yes	Yes
Horse Power	1/3	1/3	1/3	1/2
Motor RPM	1075	1075	1075	1625
Slo-Blo Fuse AMPs	2	2	2	2
Supply Air Size	10" x 16" (254mm x 406mm)	15" x 16" (381mm x 406mm)	21" X 16" (533mm x 406mm)	21" x 16" (533mm x 406mm)
Return Size Needed	140 in ² (0.09m ²)	170 in ² (0.10m ²)	220 in ² (0.14m ²)	220 in ² (0.14m ²)
Shipping Weight (no coil)	53 lbs (24 Kg)	74 lbs (34 Kg)	87 lbs (39 Kg)	87 lbs (39 Kg)
Fan Coil Size	Length Width Height	32 5/16" (821mm) 14 1/2" (368mm) 18 1/4" (464mm)	32 5/16" (821mm) 19 1/2" (495mm) 18 1/4" (464mm)	32 5/16" (821mm) 25 1/2" (648mm) 18 1/4" (464mm)

⁽¹⁾ **Heating** specs are rated at 65°F E.A.T., **Cooling** specs are rated at 80/67°F dB/wB

- Ratings based on water ONLY and will be reduced with glycol
- All dimensions may vary +/- by up to 0.5 of an inch.
- Smaller condensers may be matched to the fan coil when needed, TXV to be matched with condenser size.
- Models LV-50 and LV-70 are factory wired for medium motor operating speed.

BTUH - British Thermal Units per Hour
E.W.T. - Entering Water Temperature
GPM - US Gallons per Minute
L/s - Litres per Second
CFM - Cubic Feet per Minute

F.L.A. - Full-Load Amperage
RPM - Revolutions per Minute
E.S.P. - External Static Pressure
E.A.T. - Entering Air Temperature
dB/wB - Dry Bulb/Wet Bulb

Matching Coils
Hot Water Coils
JH-15/30

JH Series Specifications

Fresh Air Make-Up and Space Heating



Model

JH-15

JH-15 Hot Water Heating	EAT 60°F (16°C)	EAT 30°F (-1°C)	EAT 0°F (-18°C)	EAT -30°F (-34°C)
Max. BTUH @ 200°F E.W.T. (kW @ 93°C)	14,500 (4.2 kW)	17,500 (5.1 kW)	20,600 (6.0 kW)	23,000 (6.7 kW)
Max. BTUH @ 190°F E.W.T. (kW @ 88°C)	13,500 (3.9 kW)	16,500 (4.8 kW)	19,600 (5.7 kW)	22,000 (6.4 kW)
Max. BTUH @ 180°F E.W.T. (kW @ 82°C)	12,400 (3.6 kW)	15,400 (4.5 kW)	18,500 (5.4 kW)	20,900 (6.1 kW)
Max. BTUH @ 170°F E.W.T. (kW @ 77°C)	11,300 (3.3 kW)	14,400 (4.2 kW)	17,500 (5.1 kW)	19,900 (5.8 kW)
Max. BTUH @ 160°F E.W.T. (kW @ 71°C)	10,300 (3.0 kW)	13,300 (3.9 kW)	16,400 (4.8 kW)	18,900 (5.5 kW)
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)	9,200 (2.7 kW)	12,300 (3.6 kW)	15,400 (4.5 kW)	17,900 (5.2 kW)
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)	8,200 (2.4 kW)	11,300 (3.3 kW)	14,300 (4.2 kW)	16,900 (4.9 kW)
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)	7,200 (2.1 kW)	10,200 (3.0 kW)	13,300 (3.9 kW)	15,800 (4.6 kW)
GPM Flow Ratings (L/s Flow Ratings)	3 (0.19 L/s)	3 (0.19 L/s)	3 (0.19 L/s)	3 (0.19 L/s)

Model

JH-30

JH-30 Hot Water Heating	EAT 60°F (16°C)	EAT 30°F (-1°C)	EAT 0°F (-18°C)	EAT -30°F (-34°C)
Max. BTUH @ 200°F E.W.T. (kW @ 93°C)	31,400 (9.2 kW)	38,200 (11.2 kW)	44,900 (13.2 kW)	51,600 (15.1 kW)
Max. BTUH @ 190°F E.W.T. (kW @ 88°C)	29,200 (8.6 kW)	35,900 (10.5 kW)	42,600 (12.5 kW)	49,300 (14.4 kW)
Max. BTUH @ 180°F E.W.T. (kW @ 82°C)	26,900 (7.9 kW)	33,600 (9.8 kW)	40,300 (11.8 kW)	47,000 (13.7 kW)
Max. BTUH @ 170°F E.W.T. (kW @ 77°C)	24,600 (7.2 kW)	31,300 (9.2 kW)	38,000 (11.1 kW)	44,700 (13.1 kW)
Max. BTUH @ 160°F E.W.T. (kW @ 71°C)	22,300 (6.5 kW)	29,000 (8.5 kW)	35,700 (10.5 kW)	42,400 (12.4 kW)
Max. BTUH @ 150°F E.W.T. (kW @ 66°C)	21,100 (6.1 kW)	26,800 (7.9 kW)	33,400 (9.8 kW)	40,100 (11.7 kW)
Max. BTUH @ 140°F E.W.T. (kW @ 60°C)	17,800 (5.2 kW)	24,500 (7.2 kW)	31,200 (9.1 kW)	37,900 (11.1 kW)
Max. BTUH @ 130°F E.W.T. (kW @ 54°C)	15,600 (4.6 kW)	22,200 (6.5 kW)	28,900 (8.5 kW)	35,500 (10.4 kW)
GPM Flow Ratings (L/s Flow Ratings)	3 (0.19 L/s)	3 (0.19 L/s)	3 (0.19 L/s)	3 (0.19 L/s)

Fan Coil Specifications		JH-15	JH-30
Max Rated CFM @ 0.12" E.S.P. (L/s @ 30 Pa)		200 (94 L/s)	380 (179 L/s)
Voltage		115/1/50/60 F.L.A. 4 amp	115/1/50/60 F.L.A. 4 amp
Nominal Operating Amperage		1.5	2.4
Horse Power		1/25	1/12
Motor RPM		1550	1550
Slo-Blo Fuse (AMPS)		2	2
Hydronic Connections	Supply	3/8" (9.5mm)	3/8" (9.5mm)
	Return	3/8" (9.5mm)	3/8" (9.5mm)
Supply Air Size		9" x 10" (228mm x 254mm)	9" x 10" (228mm x 254mm)
Return Air Size Needed		10" x 10" (254mm x 254mm)	10" x 10" (254mm x 254mm)
Shipping Weight (no coil)		25 lbs (11.3 Kg)	30 lbs (13.6 Kg)
Fan Coil Size	Length	22" (559mm)	22" (559mm)
	Width	14" (356mm)	14" (356mm)
	Height	12" (304mm)	12" (304mm)

EAT - Entering Air Temperature
BTUH - British Thermal Units per Hour
E.W.T. - Entering Water Temperature
GPM - US Gallons per Minute
L/s - Litres per Second

CFM - Cubic Feet per Minute
F.L.A. - Full-Load Amperage
RPM - Revolutions per Minute
E.S.P. - External Static Pressure

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

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 ⁽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)
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

WCM/WM Specifications

Water Cooling Module



Specifications		WCM - 50	WCM - 70/1050	WCM - 100/1050	WM - 1750
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 LV-Z/LV-E-1050	HE-Z/HE-B/HE-100/101 HV-100/101 LV-120/140 LV-Z/LV-E-1050	LV-Z/LV-E-1750
Part Number		10010201050	10010201070	40090100100	20090101750
Fin Material		Aluminum	Aluminum	Aluminum	Aluminum
Tubing Material		Copper	Copper	Copper	Copper
Type of Fins		.006 Al (0.1524mm)	.006 Al (0.1524mm)	.006 Al (0.1524mm)	.006 Al (0.1524mm)
GPM Flow Ratings (L/s Flow Ratings)		5 (0.32 L/s)	7 (0.44 L/s)	10 (0.63 L/s)	10 (0.63 L/s)
Hydronic Connection Sizes	Supply Line	3/4" (19mm)	3/4" (19mm)	3/4" (19mm)	1 1/8" (29mm)
	Return Line	3/4" (19mm)	3/4" (19mm)	3/4" (19mm)	1 1/8" (29mm)
	Drain Connection	3/4" (19mm)	3/4" (19mm)	3/4" (19mm)	3/4" (19mm)
Shipping Weight		30 lbs (14 kg)	35 lbs (16 kg)	43 lbs (19.5 kg)	45 lbs (20 kg)
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)	26 1/4" x 8 1/4" x 22 5/8" (656mm x 209mm x 575mm)
BTUH 80°/67° @ 42°F E.W.T. (27°/19° @ 5.5°C E.W.T.)		18,000-24,000 (5.3-7.0 kW)	30,000-36,000 (8.8-10.6 kW)	42,000-60,000 (12.3-17.6 kW)	42,000-70,000 (12.3-20.5 kW)

GPM - US Gallons per Minute
L/s - Litres per Second
BTUH - British Thermal Units per Hour
E.W.T. - Entering Water Temperature

High Capacity Coils:

Why let your water just sit around when it's not in use, using the hot or cold water you already have stored can save you money.

Primary and Secondary Drain Connections:

Connections are built into our modules which ensures the water always has an outlet to flow from.

Comes with:

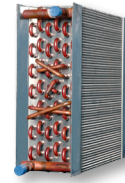
- Two L mounting brackets and
- Double sided tape

WCM/WM pipe sizing

Zone BTUH	Pipe Size up to 40 feet	Pipe Size 40 – 100 feet
0 - 35,000 (0 - 10.3 kW)	3/4" (19mm)	3/4" (19mm)
35,001 - 70,000 (10.4 - 20.5 kW)	3/4" (19mm)	1" (25mm)
70,001 - 140,000 (20.6 - 41 kW)	1" (25mm)	1 1/4" (32mm)

HWC Specifications

Hot Water Coil Add-On



Specifications		JH-15/30 Coil		HWC-50 Coil	HWC-70 Coil	HWC-100 Coil	HWC-1750 Coil
Matching Fan Coil		JH-15	JH-30	HE-Z/HE-B/HE-50/51 HV-50/51 LV-50	HE-Z/HE-B/HE-70/71 HV-70/71 LV-70 LV-Z/LV-E-1050	HE-Z/HE-B-100/101 HE/HV-100/101 LV-120/140	LV-Z/LV-E-1750
Part Number		10050500030		20100100050	20100100070	20100100100	20090101750
Coil Type		2 Row/10 FPI		6 Row/10 FPI	6 Row/10 FPI	6 Row/10 FPI	6 Row/12 FPI
Fin Material		Aluminum		Aluminum	Aluminum	Aluminum	Aluminum
Tubing Material		Copper		Copper	Copper	Copper	Copper
Type of Fins		.006 Al (0.1524mm)		.006 Al (0.1524mm)	.006 Al (0.1524mm)	.006 Al (0.1524mm)	.006 Al (0.1524mm)
Hydronic Connection Sizes	Supply	3/8" (9mm)		3/4" (19mm)	3/4" (19mm)	3/4" (19mm)	1 1/8" (29mm)
	Return	3/8" (9mm)		3/4" (19mm)	3/4" (19mm)	3/4" (19mm)	1 1/8" (29mm)
GPM Flow Ratings (L/s Flow Ratings)		3 (0.18 L/s)		5 (0.32 L/s)	7 (0.44 L/s)	10 (0.63 L/s)	10 (0.63 L/s)
Coil Dimensions (L x W x H)		13 1/2" x 3 1/3" x 12 1/2" (343mm x 85mm x 317mm)		13 1/2" x 5 1/2" x 16" (343mm x 140mm x 406mm)	19" x 5 1/2" x 16" (483mm x 140mm x 406mm)	25" x 5 1/2" x 16" (635mm x 140mm x 406mm)	26" x 6" x 22" (660mm x 152mm x 559mm)
Shipping Weight		5 lbs (2.5kg)		17 lbs (8kg)	21 lbs (10kg)	28 lbs (13kg)	45 lbs (20kg)
Max. BTUH 180°F E.W.T. (kW @ 82°C)		20,900 (6.0 kW)	47,000 (14.0 kW)	54,500 (16.0 kW)	81,800 (24.0 kW)	122,900 (36.0 kW)	137,000 (40.0 kW)

BTUH - British Thermal Units per Hour

GPM - US Gallons per Minute

E.W.T. - Entering Water Temperature

The Hot Water Coil:

Is easily installed in the Hi-Velocity System. With heating, condensate is not a consideration and the coil can be mounted on the supply side of the blower.

With the removal of the front coil access panel, the coil can be quickly and easily slid in place on the supply side of the blower.

The 6 Row Coil:

Is our standard coil that comes in every H model, if you would like to upgrade a BU model to heating, these coils simply slide into place.

ESH Coil Specifications

Electric Strip Heater Add-On



Specifications	ESH - 650	ESH - 750	ESH - 1100
Matching Fan Coil ⁽¹⁾	HE-Z/HE-B/HE/HV-50/51 BU LV-50 BU	HE-Z/HE-B/HE/HV-70/71 BU LV-70 BU, LV-Z/LV-E-1050 BU	HE-Z/HE-B/HE-100/101 BU LV-120/140 BU
Part Numbers	5kw - 10025650005	5kw - 10025750005	10kw - 10025110010
	10kw - 10025650010	10kw - 10025750010	15kw - 10025110015
	15kw - 10025650015	15kw - 10025750015	18kw - 10025110018
		18kw - 10025750018	20kw - 10025110020
			23kw - 10025110023
Volts	240	240	240
Phase	1	1	1
Shipping Weight	21 lbs (9.5kg)	27 lbs (12kg)	28 lbs (13kg)
Module Size ⁽²⁾ (L x W x H)	13 3/4" x 5 5/8" x 15 1/2" (349mm x 143mm x 394mm)	18 3/4" x 5 5/8" x 15 1/2" (476mm x 143mm x 394mm)	24 3/4" x 5 5/8" x 15 1/2" (629mm x 143mm x 394mm)

(1) Electrical Strip Heating not available for JH Series or LV-Z/LV-E-1750

(2) Dimensions for the ESH do not include the electrical access panel, add 4" to ESH for Total Length

Electric Resistance Heaters:

Can be used with the Hi-Velocity and Lo-Velocity Systems and are easily installed in the system.

Easily installed :

With the design of the Hi-Velocity System, the electric heaters can be easily installed in the fan coil at a later date by simply removing the coil access panel and sliding it in place.

Kilowatts	Number of Feeders	Circuit Breakers
5	1 x 20.8	1 x 30A
10	1 x 41.6	1 x 60A
15	1 x 20.8 1 x 41.6	1 x 30A 1 x 60A
18	1 x 41.6 1 x 41.6	1 x 60A 1 x 60A
20	2 x 41.6	2 x 60A
23	2 x 47.0	2 x 60A

TH-34 Electronic Sequencer:

On a demand for heat, the TH-34 electronic sequencer will energize the heating elements in sequence. When the thermostat is satisfied all the elements will be de-energized.

Flexible Duct Specifications

2" & HE Flexible Duct



2" Flexible Duct

Our HE duct has been designed as a direct alternative for two 2" flex duct used in the Hi-Velocity System. No changes are required to fan coil selection and main plenum duct sizing.



HE Flexible Duct

2" Flexible Duct

Size	2" x 10' AFD	2" x 15' AFD	2" x 25' UFD
Part Numbers	R4.2 - 20020120010 (4/Carton)	R4.2 - 20020120015 (4/Carton)	R4.2 - 20020120025 (1/Carton)
	R8 - 20022120010 (2/Carton)	R8 - 20022120015 (2/Carton)	R8 - 20022120025 (1/Carton)
Flex Outside Diameter - R4.2	4.5" (101mm)	4.5" (101mm)	4.5" (101mm)
Flex Outside Diameter - R8	6.5" (165mm)	6.5" (165mm)	6.5" (165mm)

HE Flexible Duct

Size	HE x 10' AFD	HE x 15' AFD	HE x 25' UFD
Part Numbers	R4.2 - 20062020010 (2/Carton)	R4.2 - 20062020015 (2/Carton)	R4.2 - 20062020025 (1/Carton)
	R8 - 20062030010 (1/Carton)	R8 - 20062030015 (1/Carton)	R8 - 20062030025 (1/Carton)
Flex Outside Diameter - R4.2	5.5" (140mm)	5.5" (140mm)	5.5" (140mm)
Flex Outside Diameter - R8	7.5" (190mm)	7.5" (190mm)	7.5" (190mm)

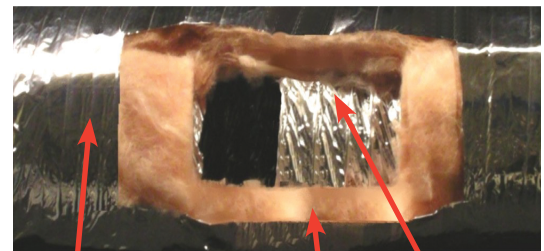
Duct Specifications

UL Listed	Air Duct, Class 1
Maximum rated velocity:	5000 ft/min and/or 25.4 m/s
Maximum rated positive pressure:	10 in. W.C. And/or 2.5 Kpa
Maximum rated negative pressure:	0.5 in. W.C. And/or 0.12 Kpa
Maximum flame spread:	25
Maximum smoke developed:	50
Standard UL 181	
Standard CAN/ULC-S110M	

Cut away showing the Inner Core

Inner core is made of a double lamination of foil laminate and clear polyester film which is interlaced with a galvanised steel wire (.041) having a 3/4" pitch.

The core is wrapped with fiberglass insulation certified "GREENGUARD" having a coefficient of R4.2/R8.4 and is encapsulated by a metallized vapour barrier reinforced with fiberglass string.



Metallized Vapour Barrier

Inner Core

Fiberglass Insulation



HE PS Air Purification System Whole Home/Office Air Purification

Electrostatic MERV-13 Needled Fiber Filter Removes Allergens Electrostatically
"Photo-Catalytic Oxidation" Destroys Toxic Chemicals and Eliminates Household Odors
Ultraviolet Light Kills Disease Germs on Contact

Specifications	HE PS	HE PS-1750
Capacity	1.5 - 3 Tons	4 - 5 Tons
Application Range	2,000 Square Feet	3,000 Square Feet
Filter	Electrostatic MERV-13 Needled Fiber	
MERV Filter Size	24 3/4" x 3 3/4" x 15 7/8" (629mm x 95mm x 403mm)	24 3/4" x 3 3/4" x 20 1/8" (629mm x 95mm x 511mm)
Power	120v/60Hz/54 watts/1.1 amps	
Fuse	AGC 2 amps	
UV Lamps	UVC Germicidal Wavelength - 254 nanometers	
Titanium Catalyst	12,220 cells/4,583 Sq. In of Surface Area	
Service Interval	Replace Filter every 6 Months, UV Lamps every 12 Months	
Unit Dimensions	25" x 10" x 17" (635mm x 254mm x 457mm)	25" x 10" x 21" (635mm x 254mm x 533mm)
Flange	1/2" (13mm) around unit	
Unit Weight	23 Lbs (10kg)	26 Lbs (12kg)
Shipping Box	29" x 11" x 21" (735mm x 280mm x 530mm) Add 7.5 lbs (3.5kg)	32" x 14" x 23" (812mm x 355mm x 584mm) Add 7.5 lbs (3.5kg)

MERV = ASHRAE Standard for Minimum Efficiency Reporting Value
 UV = Ultraviolet

HE PS P-20 Portable Air Purification 5 Steps to Clean Room Air



Treated Pre-filter removes all particles from the air larger than 5 microns
 Hospital grade **HEPA filter** removes allergens so small they can only be seen by a microscope
 Specially formulated **Gas Absorption Media** removes toxic fumes
"Photo-Catalytic Oxidation" Destroys Toxic Chemicals and Eliminates Household Odors
Ultraviolet Light Kills Disease Germs on Contact

Specifications	HE PS P-20 Portable Air Purification
Step 1 Pre-Filter	5 Micron
Step 2 HEPA Filter	.30 Hospital Grade
Step 3 Gas Absorption	Activated Charcoal
Step 4 Photo-Catalyst	TiO2 Anatase
Step 5 UV Lights	UVC Germicidal Wavelength - 254 nanometers
Application Range	1,000 Square Feet (Automode)
Service Interval	Replace Filter and UV Lamps every 12 Months
Unit Dimensions	18" x 21.5" x 8" (457mm x 546mm x 203mm)
Unit Weight	23 Lbs (10kg)
Shipping Box	20" x 22" x 10" (508mm x 558 mm x 254mm) Add 5 lbs (2.3kg)

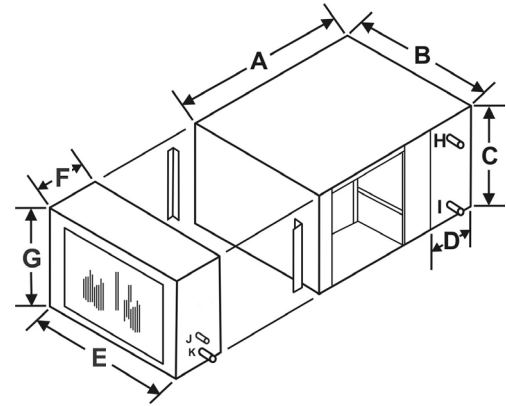
HEPA = High-Efficiency Particulate Air Filter
 UV = Ultraviolet

Quick Sizing Guide

ALL UNITS

Item	Length	Width	Height
Hi-Velocity Fan Coils	A	B	C
HE-Z/HE-B/HE/HV-50/51	32 ⁵ / ₁₆ " (821mm)	14 ¹ / ₂ " (368mm)	18 ¹ / ₄ " (464mm)
HE-Z/HE-B/HE/HV-70/71	32 ⁵ / ₁₆ " (821mm)	19 ¹ / ₂ " (495mm)	18 ¹ / ₄ " (464mm)
HE-Z/HE-B/HE/HV-100/101	32 ⁵ / ₁₆ " (821mm)	25 ¹ / ₂ " (648mm)	18 ¹ / ₄ " (464mm)

Lo-Velocity Fan Coils	A	B	C
JH-15/30	22" (559mm)	14" (356mm)	12" (304mm)
LV-50	32 ⁵ / ₁₆ " (821mm)	14 ¹ / ₂ " (368mm)	18 ¹ / ₄ " (464mm)
LV-Z-1050, LV-70	32 ⁵ / ₁₆ " (821mm)	19 ¹ / ₂ " (495mm)	18 ¹ / ₄ " (464mm)
LV-120/140	32 ⁵ / ₁₆ " (821mm)	25 ¹ / ₂ " (648mm)	18 ¹ / ₄ " (464mm)
LV-Z-1750	38 ³ / ₄ " (984mm)	26 ³ / ₄ " (679mm)	24 ¹ / ₄ " (616mm)



		Length	Width	Height	Line Size	Line Size
RPM-E Refrigerant Modules - Pre-Piped		E	F	G	J	K
RPM-E-50	Fits HE-Z/HE-B/HE/HV-50/51/52, LV-50 (1.5 - 2 Ton)	19 ¹ / ₄ " (489mm)	14 ⁵ / ₈ " (371mm)	18 ¹ / ₂ " (470mm)	3/8" (9.5mm)	7/8" (22mm)
RPM-E-70	Fits HE-Z/HE-B/HE/HV-70/71, LV-70 (2.5 - 3 Ton)	24 ¹ / ₄ " (616mm)	14 ⁵ / ₈ " (371mm)	18 ¹ / ₂ " (470mm)	3/8" (9.5mm)	7/8" (22mm)
RPM-E-100	Fits HE-Z/HE-B/HE/HV-100/101 (3.5 - 5 Ton)	32" (813mm)	14 ⁵ / ₈ " (371mm)	18 ¹ / ₂ " (470mm)	3/8" (9.5mm)	7/8" (22mm)

RCM Refrigerant Modules		E	F	G	J	K
RCM-50	Fits HE-Z/HE-B/HE/HV-50/51/52, LV-50 (1.5 - 2 Ton)	14 ³ / ₈ " (365mm)	10 ¹ / ₈ " (257mm)	18 ¹ / ₂ " (470mm)	1/2" (13mm)	7/8" (22mm)
RCM-70	Fits HE-Z/HE-B/HE/HV-70/71, LV-70 (2.5 - 3 Ton)	19 ³ / ₈ " (492mm)	10 ¹ / ₈ " (257mm)	18 ¹ / ₂ " (470mm)	1/2" (13mm)	7/8" (22mm)
RCM-100	Fits HE-Z/HE-B/HE/HV-100/101 (3.5 - 5 Ton)	25 ³ / ₈ " (645mm)	10 ¹ / ₈ " (257mm)	18 ¹ / ₂ " (470mm)	1/2" (13mm)	7/8" (22mm)

Water Cooling Modules		E	F	G	H	I
WCM-50	Fits HE-Z/HE-B/HE/HV-50/51/52, LV-50	14 ³ / ₈ " (365mm)	10 ¹ / ₈ " (257mm)	18 ¹ / ₂ " (470mm)	3/4" (19mm)	3/4" (19mm)
WCM-70	Fits HE-Z/HE-B/HE/HV-70/71, LV-70, LV-Z/LV-E-1050	19 ³ / ₈ " (492mm)	10 ¹ / ₈ " (257mm)	18 ¹ / ₂ " (470mm)	3/4" (19mm)	3/4" (19mm)
WCM-100	Fits HE-Z/HE-B/HE/HV-100/101, LV-120/140, LV-Z/LV-E-1050	25 ³ / ₈ " (645mm)	10 ¹ / ₈ " (257mm)	18 ¹ / ₂ " (470mm)	3/4" (19mm)	3/4" (19mm)
WM-1750	Fits LV-Z/LV-E-1750	26 ¹ / ₄ " (667mm)	8 ¹ / ₄ " (209mm)	22 ⁵ / ₈ " (575mm)	1" (25mm)	1" (25mm)

Hot Water Coils (6 Row)		B	D	C	H	I
JH 15/30	Fits JH-15, JH-30	13 ¹ / ₂ " (343mm)	3 ³ / ₈ " (85mm)	12 ¹ / ₂ " (317mm)	3/8" (9.5mm)	3/8" (9.5mm)
HWC-50	Fits HE-Z/HE-B/HE/HV-50/51, LV-50	13 ¹ / ₂ " (343mm)	5 ¹ / ₂ " (140mm)	16" (406mm)	3/4" (19mm)	3/4" (19mm)
HWC-70	Fits HE-Z/HE-B/HE/HV-70/71, LV-70, LV-Z/LV-E-1050	19" (483mm)	5 ¹ / ₂ " (140mm)	16" (406mm)	3/4" (19mm)	3/4" (19mm)
HWC-100	Fits HE-Z/HE-B/HE/HV-100/101, LV-120/140	25" (635mm)	5 ¹ / ₂ " (140mm)	16" (406mm)	3/4" (19mm)	3/4" (19mm)
HWC-1750	Fits LV-Z/LV-E-1750	26" (660mm)	6" (152mm)	22" (559mm)	1" (25mm)	1" (25mm)

Heating Coil Add-on does not come as a module, it slides into the Hi-Velocity fan coil

Electrical Strip Heater		B	D	C
HV-650 (5-15 kW)	Fits HE-Z/HE-B/HE/HV-50/51 BU, LV-50 BU	13 ³ / ₄ " (349mm)	5 ⁵ / ₈ " (143mm)	15 ¹ / ₂ " (394mm)
HV-750 (5-18 kW)	Fits HE-Z/HE-B/HE/HV-70/71, LV-70, LV-Z/LV-E-1050	18 ³ / ₄ " (476mm)	5 ⁵ / ₈ " (143mm)	15 ¹ / ₂ " (394mm)
HV-1100 (10-23 kW)	Fits HE-Z/HE-B/HE/HV-100/101 BU, LV-120/140 BU	24 ³ / ₄ " (629mm)	5 ⁵ / ₈ " (143mm)	15 ¹ / ₂ " (394mm)

Dimensions for the ESH do not include the electrical access panel, add 4" to ESH for Total Length

Hi-Velocity Air Purification System		E	F	G
HE PS w/ Merv 13 Filt.	Fits All 50/51/70/71/100/101/120/140/1050 Units	25" (635mm)	10" (254mm)	17" (457mm)
HE PS-1750 w/ Merv 13	Fits LV-Z/LV-E-1750	25" (635mm)	10" (254mm)	21" (533mm)

Standard Filter Rack		E	F	G
FR-50 Filter Rack	Fits HE-Z/HE-B/HE/HV-50/51, LV-50	14 ¹ / ₂ " (368mm)	3" (75mm)	18 ¹ / ₂ " (470mm)
FR-70 Filter Rack	Fits HE-Z/HE-B/HE/HV-70/71, LV-70, LV-Z/LV-E-1050	19 ¹ / ₂ " (495mm)	3" (75mm)	18 ¹ / ₂ " (470mm)
FR-100 Filter Rack	Fits HE-Z/HE-B/HE/HV-100/101, LV-120/140	26" (660mm)	3" (75mm)	18 ¹ / ₂ " (470mm)
FR-1750 Filter Rack	Fits LV-Z/LV-E-1750, HV-140	26 ¹ / ₂ " (673mm)	3" (75mm)	24 ¹ / ₂ " (622mm)

Standard 1" Filter Replacements		E	F	G
FR/RA-50 Filter	Fits FR-50 Filter Rack	14" (356mm)	1" (25mm)	18" (457mm)
FR/RA-70 Filter	Fits FR-70 Filter Rack	18" (457mm)	1" (25mm)	18" (457mm)
FR/R-100 Filter	Fits FR-100 Filter Rack	24" (610mm)	1" (25mm)	18" (457mm)
FR/RA-140 Filter	Fits FR-1750 Filter Rack	26" (660mm)	1" (25mm)	24" (610mm)
JH-15/30 Filter	Fits JH-15/30 Fan Coil	10 ¹ / ₂ " (267mm)	1" (25mm)	11" (280mm)

Return Air Base		B	A	C
RA-50	Fits HE-Z/HE-B/HE/HV-50/51, LV-50	14 ¹ / ₂ " (368mm)	22 ¹ / ₂ " (572mm)	18 ¹ / ₂ " (470mm)
RA-70	Fits HE-Z/HE-B/HE/HV-70/71, LV-70, LV-Z/LV-E-1050	19 ¹ / ₂ " (495mm)	22 ¹ / ₂ " (572mm)	18 ¹ / ₂ " (470mm)
RA-100	Fits HE-Z/HE-B/HE/HV-100/101, LV-120/140	25 ¹ / ₂ " (648mm)	22 ¹ / ₂ " (572mm)	18 ¹ / ₂ " (470mm)
RA-1750	Fits LV-Z/LV-E-1750	26 ¹ / ₂ " (673mm)	24" (610mm)	24 ¹ / ₂ " (622mm)

Energy Saving Products Ltd, established in 1983, manufactures the Hi-Velocity Systems™ product line for residential, commercial and multi-family markets. Our facilities house Administration, Sales, Design, Manufacturing, as well as Research & Development complete with an in-house test lab. Energy Saving Products prides itself on Customer Service and provides design services and contractor support.

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