

HI-VELOCITY SYSTEMS

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FAN COIL UNITS

HE-Z SERIES

- Quiet operation
- Constant air circulation
- Easy installation and maintenance
- Space saving small diameter ducts
- Zoning capable right out of the box
- Many attractive vent plate options

All units come complete with painted insulated cabinet and fan. All Heating (H) units come with HWC water coils installed.

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831025	HE-Z-50 H-110V	Heating Unit w/VFD Motor and 110V WEG	102	37 x 19 x 17
831026	HE-Z-70 H-110V	Heating Unit w/VFD Motor and 110V WEG	115	37 x 19 x 23
831027	HE-Z-100 H-110V	Heating Unit w/VFD Motor and 110V WEG	131	37 x 19 x 29



NOTE: Voltage must be specified when ordering.
 HE-Z Units come with Variable Frequency Drive Motor, pre-wired circuit board and WEG Zoning Controls pre-installed.
 All HE-Z Units are packaged with one universal vent plate key.

LV-Z SERIES

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831006	LV-Z-1050 H-110V	Heating Unit w/VFD Motor and 110V WEG	105	32 x 19 x 18
831007	LV-Z-1750 H-110V	Heating Unit w/VFD Motor and 110V WEG	165	38 x 26.5 x 24.25



NOTE: LV-Z Units come with Variable Frequency Drive Motor, pre-wired circuit board and WEG Zoning Controls pre-installed.

LV (LO-VELOCITY)

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831010	LV-50 H	Heating Fan Coil w/PSC Motor	70	37 x 19 x 17
831012	LV-70 H	Heating Fan Coil w/PSC Motor	94	37 x 19 x 23
831014	LV-120 H	Heating Fan Coil w/PSC Motor	112	37 x 19 x 29
831016	LV-140 H	Heating Fan Coil w/PSC Motor	112	37 x 19 x 29



NOTE: LV units come complete with motor assembly, and pre-wired circuit board c/w heat/cool/auxiliary relays.

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COILS

PRE-PIPED TX COOLING MODULES WITH R410A TXV

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831076	RPM-E-50	Fits HE/HE-Z/HV-50, LV-50	45	20 x 15 x 19
831078	RPM-E-70	Fits HE/HE-Z/HV-70, LV-70	54	20 x 15 x 19
831080	RPM-E-100	Fits HE/HE-Z/HV-100, LV-120/140	71	33 x 15 x 21



NOTE: RPM-E Modules are pre-assembled with drain pan, freeze stat, site glass, two Schrader valves and expansion valve in R410a refrigerant. Expansion valves are heat pump ready with a built in check valve. RPM-E coil modules come complete with 2 - 7/8" FIP drain pan connections (primary/secondary).

WATER COIL MODULES

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831288	WCM-70/1050	Fits HE/HE-Z/HV-70, LV-70, LV-E/LV-Z-1050	32	23 x 11 x 19



NOTE: WCM coil modules come complete with 2-7/8" FIP drain pan connections (primary/secondary).

FLEXIBLE DUCT

2" FLEXIBLE DUCT (SOLD IN CARTON QUANTITIES ONLY)

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831230	2" x 10' AFD R4.2 Flex	Assembled 2" Flex Duct R4.2 (4/box) (25 bxs/skid)	12	15 x 15 x 25
831232	2" x 15' AFD R4.2 Flex	Assembled 2" Flex Duct R4.2 (4/box) (18 bxs/skid)	18	15 x 15 x 35
831234	2" x 25' UFD R8.4 Flex	Unassembled 2" Flex Duct R8.4 (1/box) (25 bxs/skid)	12	15 x 15 x 35



Assembled Flex Duct



Unassembled Flex Duct

NOTE: 2" AFD (Assembled Flex Duct) includes 10' or 15' of flexible duct as specified plus one foot, two Branch Couplers attached, one Branch Take-Off with Gasket assembly, one Rough-In Kit, one Rough-In Cap, and one Plastic Vent Plate.
2" UFD (Unassembled Flex Duct) includes 25' of flexible duct, one 2" UFD Kit (3 Branch Connector Tubes, 6 Branch Couplers and 6 Tie Wraps).

HE FLEXIBLE DUCT (SOLD IN CARTON QUANTITIES ONLY)

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831252	HE x 10' AFD R4.2 Flex	Assembled HE Flex Duct R4.2 (2/box) (36 bxs/skid)	8	27 x 12 x 13
831254	HE x 15' AFD R4.2 Flex	Assembled HE Flex Duct R4.2 (2/box) (25 bxs/skid)	12	26 x 15 x 15
831256	HE x 25' UFD R8.4 Flex	Unassembled HE Flex Duct R8.4 (1/box) (18 bxs/skid)	15	35 x 15 x 15



NOTE: HE AFD (Assembled Flex Duct) includes 10' or 15' of flexible duct as specified plus one foot, two Branch Couplers attached, one Branch Take-Off with Gasket assembly, one Rough-In Kit, one Rough-In Cap, and one Plastic Vent Plate.
HE UFD (Unassembled Flex Duct) includes 25' of flexible duct, one HE UFD Kit (3 Branch Connector Tubes, 6 Branch Couplers and 6 Tie Wraps).

- E.&O.E. - All Prices F.O.B. Our Warehouse - Subject to Change Without Notice - All Taxes Extra - May not be Available at All Branches -

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HE DUCT ACCESSORIES

ITEM #	MODEL	DESCRIPTION
831250	HE AFD Kit	Rough-in Boot and Cap, White Plastic Vent Plate, Branch Take-Off (HE)
831259	HE Metal Branch Take-Off	Branch Take-Off for Flat-Sided Duct Applications (HE)
831260	HE Vent Extender Kit	Branch Connector Tube, Vent Plate Collar (HE)



HE Metal BTO

VENT PLATES

Vent plates can be finished, painted or even wallpapered to match their surroundings.

2"

ITEM #	MODEL	DESCRIPTION	DIA (")
831300	2" White Plastic	White Plastic c/w Snap-In Grid Insert	5
831292	2" Stainless Steel	Stainless Steel Vent Plate	4
831293	2" Silver Vein	Silver Vein Vent Plate	4
831295	2" Black Wrinkle	Black Wrinkle Vent Plate	4
831302	2" Stainless Steel	Stainless Steel Vent Plate	5
831303	2" Silver Vein	Silver Vein Vent Plate	5
831305	2" Black Wrinkle	Black Wrinkle Vent Plate	5
831306	2" Unfinished Oak	Unfinished Oak Vent Plate	5



2" Vent Plate



2" or HE Grid Insert (Included with Vent Plate)

HE

ITEM #	MODEL	DESCRIPTION	DIA (")
831249	HE White Plastic	White Plastic c/w Snap-In Grid Insert (HE)	5
831311	HE Stainless Steel	Stainless Steel Vent Plate (HE)	5
831312	HE Silver Vein	Silver Vein Vent Plate (HE)	5
831314	HE Black Wrinkle	Black Wrinkle Vent Plate (HE)	5
831315	HE Unfinished Oak	Unfinished Oak Vent Plate (HE)	5



2" or HE Louvered Insert (Available Upon Request)



HE White Plastic



HE Silver Vein



HE Stainless Steel



HE Black Wrinkle



HE Unfinished Oak

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ADD-ONS AND ACCESSORIES

HI-VELOCITY AIR PURIFICATION SYSTEM (HE PS)

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831262	HE PS c/w MERV 11 Filter	In-Duct Hi-Velocity Air Purification System Fits HE/HE-Z/HV-50, HE/HE-Z/HV-70, HE/HE-Z/HV-100, LV-E-1050	31	29 x 21 x 11



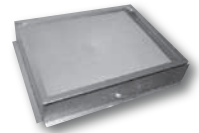
Replacement Parts

ITEM #	MODEL	DESCRIPTION
831268	HE PS MERV 11 Filter	HE PS MERV 11 Replacement Filter
831264	HE PS One Yr Srvc. Kit	HE PS – Two MERV 11 Filters and Two UV lamps



FILTER RACKS (WITH FILTER)

ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831224	FR-50	HE/HE-Z/HV-50, LV-50 Filter and Rack	4	17 x 4 x 20
831226	FR-70/1050	HE/HE-Z/HV-70, LV-70, LV-E/LV-Z-1050 Filter and Rack	5	21 x 4 x 22
831228	FR-100	HE/HE-Z/HV-100, LV-120/140 Filter and Rack	7	20 x 4 x 28



RETURN AIR BASE (WITH BUILT-IN FILTER RACK AND FILTER)

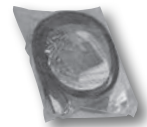
ITEM #	MODEL	DESCRIPTION	WEIGHT (LBS)	SHIPPING DIMENSIONS (L x W x H) (")
831211	RA-50	HE/HE-Z/HV-50, LV-50 Return Air Base	20	20 x 5 x 22
831212	RA-70/1050	HE/HE-Z/HV-70, LV-70, LV-E/LV-Z-1050 Return Air Base	24	20 x 5 x 22
831214	RA-100	HE/HE-Z/HV-100, LV-120/140 Return Air Base	27	27 x 5 x 22



NOTE: Return Air Bases are acoustically lined and require field assembly.

HANGING STRAP KIT

ITEM #	MODEL	DESCRIPTION
831272	Hanging Strap Kit	Nylon Hanging Strap Kit



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REPLACEMENT PARTS

REPLACEMENT FILTERS

ITEM #	MODEL	DESCRIPTION	SHIPPING DIMENSIONS (L x W x H) (")
831220	FR/RA-70/1050	HE/HE-Z/HV-70, LV-70, LV-E/LV-Z-1050 Replacement Filter	18 x 1 x 18
831222	FR/RA-100	HE/HE-Z/HV-100, LV-120/140 Replacement Filter	18 x 1 x 24



EPC VARIABLE FREQUENCY DRIVE MOTORS

ITEM #	MODEL	DESCRIPTION
831274	VFD Motor	HE/HE-Z-50/70/100 Motor (3/4 HP, 310/530/720W) Includes Motor Mounting Bracket



ELECTRICAL COMPONENTS

ITEM #	MODEL	DESCRIPTION
831277	EPC Circuit Board	Replacement Circuit Board for (HE/LV-E) Fan Coils
831278	EPC Control Board	Replacement Control Board for (HE/LV-E) Fancoils
831279	VFD Transformer	Transformer for all Fan Coils with VFD Motors (HE/HE-Z, LV-E)



EPC Circuit Board



EPC Control Board

JH/LV COMPONENTS

ITEM #	MODEL	DESCRIPTION
831280	1/2" Non-Electric Valve Body	1/2" Non-Electric Valve Body
831282	3/4" Non-Electric Valve Body	3/4" Non-Electric Valve Body
831284	Air Sensor for Valve Body	Air Sensor for Valve Body