HVAC DISTRIBUTING LLC

CENTRAL DUCTED HYPER HEAT
DC INVERTER HEAT PUMP

AVAILABLE IN 24K–60K



CENTRAL DUCTED HYPER HEAT
DC INVERTER HEAT PUMP

UP TO 18.3 SEER2 / UP TO HSPF2-4 10.2 / R-454B REFRIGERANT

- GOLD FIN CONDENSER COATING
- GALVANIZED STEEL CABINET
- MAGNETIC FILTER COVER
- VARIABLE-SPEED AIR HANDLER
- MULTI-POSITION INSTALLATION
- ENVIRONMENTALLY-FRIENDLY R-454B REFRIGERANT
- THERMOSTAT INCLUDED
- DURABLE BUILD & FINISH
- ENHANCED HEATING CAPACITY
- OPTIONAL HEATING KIT AVAILABLE

10 YEAR
COMPRESSOR WARRANTY

10 YEAR
PARTS WARRANTY

10 YEAR
LABOR WARRANTY

MRCOOL®
COMFORT MADE SIMPLE

V 10.14.26

HVAC DISTRIBUTING LLC

CENTRAL DUCTED HYPER HEAT DC INVERTER HEAT PUMP SPECIFICATIONS

IDU		Unit	MVP-24-HP-MUAH-Z30A00-0	MVP-30-HP-MUAH-Z30A00-0	MVP-36-HP-MUAH-Z30A00-0	MVP-48-HP-MUAH-Z30A00-0	MVP-60-HP-MUAH-Z30A00-0
ODU		Unit	CENTRAL-24-HP-C-Z30B00-0	CENTRAL-30-HP-C-Z30B00-0	CENTRAL-36-HP-C-Z30B00-0	CENTRAL-48-HP-C-Z30B00-0	CENTRAL-60-HP-C-Z30B00-0
CAPACITY & PERFORMANCE							
Cooling	Capacity	Btu/h	23000	30000	36000	48000	54000
	SEER2	Btu/W	18.3	16.8	17.4	16.5	16.0
	EER2	Btu/W	11.7	11.7	11.7	10.5	10.0
Heating	Capacity	Btu/h	24000	34000	37000	50000	56000
	HSPF2-4	Btu/W	10.0	10.0	10.2	9.5	9.0
	HSPF2-5	Btu/W	8.0	8.3	8.6	8.0	8.0
IDU Noise Level (Turbo/Hi/Mi/Lo)		dB(A)	N/A / 44 / 42 / 28	47.0 / 46.0 / 43.0 / 27.5	49 / 48.0 / 45.5 / 25.5	N/A / 52 / 50 / 34	54.5 / 52 / 49.5 / 34.5
ODU Noise Level		dB(A)	60	60.5	62.5	65.0	65.0
ELECTRICAL							
Power Supply (Indoor)		V-Hz.ph	115/208/230-60, 1	115/208/230-60, 1	115/208/230-60, 1	115/208/230-60, 1	115/208/230-60, 1
Power Supply (Outdoor)		V-Hz.ph	208/230-60, 1	208/230-60, 1	208/230-60, 1	208/230-60, 1	208/230-60, 1
Min Circuit Ampacity (Indoor)		A	5.5/4.0	8.0/6.0	8.0/6.0	14.5/11.0	14.5/11.0
Max Fuse (Indoor)		A	15	15	15	15	15
Min Circuit Ampacity (Outdoor)		A	19.0	29.5	29.0	38.0	40.0
Max Fuse (Outdoor)		A	20.0	30.0	30.0	40.0	40.0
DIMENSIONS & WEIGHT							
IDU	Dimension (WxDxH)	inch	21.02 x 17.52 x 45.00	21.02 x 21.02 x 49.02	21.02 x 21.02 x 49.02	21.02 x 24.49 x 52.99	21.02 x 24.49 x 52.99
	Packing (WxDxH)	inch	26.57 x 20.87 x 48.62	26.57 x 24.41 x 52.56	26.57 x 24.41 x 52.56	27.95 x 26.77 x 56.50	27.95 x 26.77 x 56.50
	Net/Gross Weight	lbs	105.6/127.43	128.97/153.44	129.41/153.88	162.92/190.92	162.92/190.92
ODU	Dimension (WxDxH)	inch	35.04 x 13.46 x 26.50	37.24 x 16.14 x 31.89	38.58 x 16.34 x 38.39	38.58 x 16.34 x 38.39	37.48 x 16.34 x 52.48
	Packing (WxDxH)	inch	39.17 x 15.67 x 29.13	42.91 x 19.68 x 34.84	45.08 x 19.68 x 42.52	45.08 x 19.68 x 42.52	43.11 x 19.49 x 58.27
	Net/Gross Weight	lbs	102.29/109.13	164.02/174.60	204.15/235.23	201.06/232.36	242.95/275.13
AIRFLOW							
IDU air flow (Turbo/Hi/Mi/Lo)		m3/h	1400 / 1290 / 1180 / 1070	1680 / 1520 / 1370 / 1210	2020 / 1840 / 1650 / 1470	2720 / 2500 / 2180 / 1860	3070 / 2690 / 2310 / 1930
		CFM	823 / 758 / 694 / 629	988.8 / 894.7 / 806.4 / 712.2	1188 / 1082 / 970 / 865	1601 / 1471 / 1283 / 1094	1807 / 1583 / 1359 / 1136
ODU air flow		m3/h	3000	5100	5100	5160	4500
		CFM	1765.7	3001.8	3001.8	3037.1	2648.6
REFRIGERANT & PIPING							
Refrigerant Charge (R-454B)		oz	74.08	105.82	126.99	134.04	183.42
Piping Size Liquid Side/Gas Side		inch	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"

OPTIONAL ELECTRIC HEAT KITS

MODEL NO.	CAPACITY
CENTRALHK05	5kW
CENTRALHK08	8kW
CENTRALHK10	10kW
CENTRALHK15	15kW
CENTRALHK20	20kW

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*Data provided by AHRI

Intertek 5031495

LISTED

ENERGY STAR

All specifications are preliminary and are subject to change during mass production.

Equipment sizing and installation must be performed by a licensed HVAC contractor in accordance with ACCA Manual J and applicable local codes.