

Z-ULTRA Series | Central Heat Pump System

Model Number			24HDMB-USHH-SET	36HDMB-USHH-SET	48HDMB-USHH-SET	60HDMB-USHH-SET
			24K Hyper Heat	36K Hyper Heat	48K Hyper Heat	55K Hyper Heat
Power supply (Indoor)		V- Ph-Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
Power supply (Outdoor)		V- Ph-Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
Power supply	Voltage range	V	187-253	187-253	187-253	187-253
Cooling (Standard conditions)	Capacity (range)	Btu/hr	24000(6400~27000)	35000(14000~38000)	47000(15000~48000)	55000(14000~56000)
	EER	Btu/hr/W	11.7	11.7	8.2	8.8
	SEER	Btu/hr/W	17.4	16.3	15.6	15.3
Heating (Standard conditions)	Capacity (range)	Btu/hr	24000(10100~31000)	39000(11000~48000)	50000(11000~55000)	59000(13400~69000)
	COP	W/W	3.35	3.40	3.15	3.42
	HSPF4	Btu/hr/W	10	9.5	9.4	9.4
Indoor Moisture emoval		L/h	1.98	3.65	4.96	5.55
Indoor air flow (Turbo/Hi/Mi/Lo)		m3/h	1400/1290/1180/1070	2020/1840/1650/1470	2500/2180/1860/1540	3070/2690/2310/1930
		CFM	823.53/758.82/694.12/629.41	1188.24/1082.35/970.59/864.71	1470.59/1282.35/1094.12/905.88	1805.88/1582.35/1358.82/1135.29
Indoor ESP	Range	Pa	0-200	0-200	0-200	0-200
	Range	In. wg.	/	/	/	/
Indoor noise level (Hi/Mi/Lo)		dB(A)	39/36/33	49/44/42	50/47/43.5	51/45.5/41.5
Indoor unit	Dimension(W*D*H)	inch	21.02x17.52x45.00	21.02x21.02x49.02	21.02x21.02x49.02	21.02x24.49x52.99
	Net/Gross Weight	lb	105.60/127.43	129.19/155.64	130.51/156.31	162.70/192.90
Outdoor Min. Circuit Ampacity		A	20.5	30	40	40
Outdoor Max. Fuse		A	35	35	50	50
Compressor Type			Twin-ROTARY	ROTARY	ROTARY	ROTARY
Outdoor air flow	m3/h		5100	5160	7500	7650
	CFM		3000	3035.29	4411.76	4500
Outdoor noise level		dB(A)	62	65	64	63.5

Z-ULTRA Series | Central Heat Pump System

Model Number			24HDMB-USHH-SET	36HDMB-USHH-SET	48HDMB-USHH-SET	60HDMB-USHH-SET
Outdoor unit	Dimension(W*D*H)	inch	37.24x16.14x31.89	38.58x14.76x38.39	37.48x16.34x52.48	37.48x16.34x52.48
	Net/Gross Weight	lb	136.69/145.50	203.71/234.57	220.24/248.90	239.86/271.61
Refrigerant Type			R410A	R410A	R410A	R410A
Refrigerant Piping	Liquid side/ Gas side	mm	9.52/19	9.52/19	9.52/19	9.52/22
		inch	3/8" / 3/4"	3/8" / 3/4"	3/8" / 3/4"	3/8" / 7/8"
	Max. refrigerant pipe length	m	50	65	65	65
	Max. refrigerant pipe length	ft	164.04	213.25	213.25	213.25
	Max. difference in level	m	25	30	30	30
	Max. difference in level	ft	82.02	98.42	98.42	98.42
Thermostat Type			线控(Wire Control)	线控(Wire Control)	线控(Wire Control)	线控(Wire Control)
Room temperature	Indoor(cooling)	°C	16~32	16~32	16~32	16~32
		°F	60~90	60~90	60~90	60~90
	Indoor(heating)	°C	0~30	0~30	0~30	0~30
		°F	32~86	32~86	32~86	32~86
	Outdoor(cooling)	°C	-15~50	-15~50	-15~50	-15~50
		°F	5~122	5~122	5~122	5~122
	Outdoor(heating)	°C	-30~24	-30~24	-30~24	-30~24
		°F	-22~75	-22~75	-22~75	-22~75
Connection wiring			14AWG*2 Stranded, shielded	14AWG*2 Stranded, shielded	14AWG*2 Stranded, shielded	14AWG*2 Stranded, shielded