

COMPACT ROUND FLOW CASSETTE

Premier Hyper Series



Single Zone Universal And Multi-Zone Compatible

Indoor Unit	MEHSU-09CHC2 ¹
Outdoor Unit	MCHSU-09PHH2
Indoor Unit	MEHSU-12CHC2 ¹
Outdoor Unit	MCHSU-12PHH2
Indoor Unit	MEHSU-18CHC2 ¹
Outdoor Unit	MCHSU-18PHH2

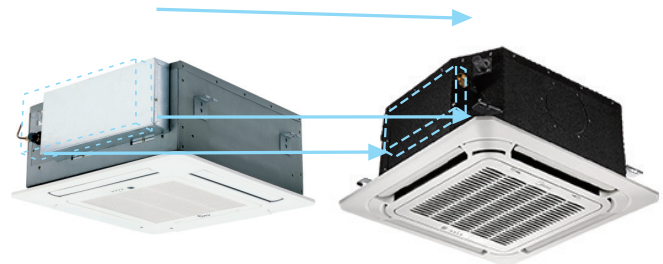


Standard Features



E-box Inside ▶

Easy maintenance with the circuit box right inside the unit. The integrated design provides a more compact size for easier installation.

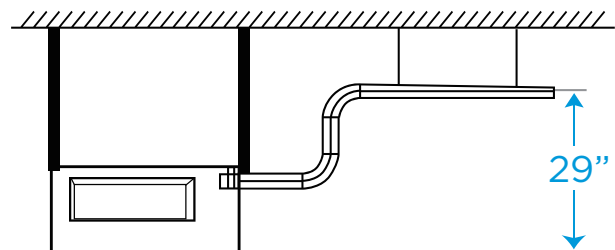


Optional Accessories



Built-in Drain Pump ▶

The drain pump can lift the condensed water up to 29".



¹New Cassette Panel 01 needs to be ordered with this product.



Specification ►

		NEW for 2016	NEW for 2016	NEW for 2016
Outdoor model		MCHSU-09PHH2	MCHSU-12PHH2	MCHSU-18PHH2
Indoor model		MEHSU-09CHC2	MEHSU-12CHC2	MEHSU-18CHC2
Indoor type		Compact Cassette	Compact Cassette	Compact Cassette
AHRI #		8813811	8813812	8813815
Energy Star				
Performance				
Nominal Cooling	BTU/H	9000 (3500-11000)	12000 (4000-13000)	16000 (4500-18000)
Nominal Heating	BTU/H	10000 (4500-11500)	12000 (5000-13500)	18000 (5500-19000)
Low Temp Heating @-5°F	BTU/H	10000	12000	18000
SEER	BTU / KW	20	19.5	20
HSPF	BTU / KW	10.2	10.2	10.5
EER	BTU / KW	13	12.5	12.5
Cooling Operating Range	F ° Degrees	-22-122	-22-122	-22-122
Heating Operating Range	F ° Degrees	-22-86	-22-86	-22-86
Electrical				
Voltage / Phase / Frequency		208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Recommended In / Out Cable		16AWG/4 Stranded, Unshielded	16AWG/4 Stranded, Unshielded	16AWG/4 Stranded, Unshielded
Minimum Circuit Ampacity	Amps	9	9	18
Recommended Fuse Size	Amps	15	15	25
Specification				
Air Circulation Hi / Med / Low	CFM	382/331/293	380/324/279	520/449/406
Indoor Noise Level: Hi/Med/Low	DBa	40/37/35	42/38/33	44/40/38
Outdoor Noise Level Cooling	DBa	59	57	59
Outdoor Noise Level Heating	DBa	59	57	59
Air Direction Horizontal	Deg Angle	Automatic	Automatic	Automatic
Air Filter	Type	Washable	Washable	Washable
Connection	Type	Flare	Flare	Flare
Combined Minimum Length	Feet	10	10	10
Combined Maximum Length	Feet	82	82	98
Maximum Vertical Differential	Feet	33	33	66
Connection Pipe Size Suction	Inches	3/8	1/2	1/2
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4
Condensation Line Size	Inches	1	1	1
Physical				
Net Weight (Indoor / Outdoor)	LBS	31.97/87.0	35.27/88.18	35.49/107.6
Height Condensing Unit	Inches	21.81	21.81	27.64
Depth Condensing Unit	Inches	13.11	13.11	14.29
Width Condensing Unit	Inches	31.50	31.50	33.27
Height Evaporator	Inches	10.24	10.24	10.24
Depth Evaporator	Inches	22.44	22.44	22.44
Width Evaporator	Inches	22.44	22.44	22.44
Refrigerant	Oz	R410A/52.9	R410A/52.9	R410A/68.9
Refrigerant piping - Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")

Premier Split ▶



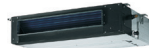
Indoor Model		MEHSU-09PHH2 <i>NEW for 2016</i>	MEHSU-12PHH2 <i>NEW for 2016</i>	MEHSU-18PHH2 <i>NEW for 2016</i>	MEHSU-24PHH2 <i>NEW for 2016</i>
Voltage / Phase / Frequency		208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Air Circulation Hi / Med / Low	CFM	294/253/159	294/250/147	618/500/353	618/470/324
Indoor Noise Level: Hi/Low	DBa	40/27	41/25.5	47.5/35.5	50/33.5
Connection Pipe Size Suction	Inches	3/8	1/2	1/2	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4	3/8
Condensation Line Size	Inches	5/8	5/8	5/8	5/8
Net Weight Indoor	Lbs	18.3	18.3	28.6	28.8
Net Dimensions (WxDxH)	Inches	31.89x7.87x11.81	31.89x7.87x11.81	42.91x9.25x13.31	42.91x9.25x13.31
Packing Dimensions (WxDxH)	Inches	35.04x11.22x15.16	35.04x11.22x15.16	45.86x16.54x12.40	45.86x16.54x12.40

Compact Round Flow Cassette/ Super Slim Round Flow Cassette ▶



Indoor Model		MEHSU-09CHC2 <i>NEW for 2016</i>	MEHSU-12CHC2 <i>NEW for 2016</i>	MEHSU-18CHC2 <i>NEW for 2016</i>	MEHSU-24CHC2 <i>NEW for 2016</i>
Voltage / Phase / Frequency		208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Air Circulation Hi / Med / Low	CFM	353/306/271	388/288/247	562/485/439	820/740/590
Indoor Noise Level: Hi/Med/Low	DBa	61/59/39	41/38/35	46/43/41	51/47/43
Connection Pipe Size Suction	Inches	3/8	1/2	1/2	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4	3/8
Condensation Line Size	Inches	1	1	1	1 1/4
Net Weight Indoor	Lbs	35.27	35.27	39.68	45.19
Net Dimensions (WxDxH)	Inches	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	33.07x33.07x8.07
Packing Dimensions (WxDxH)	Inches	25.79x25.79x11.42	25.79x25.79x11.42	25.79x25.79x11.42	35.43x35.43x8.54

Duct ▶



Indoor Model		MEHSU-09CHD2 <i>NEW for 2016</i>	MEHSU-12CHD2 <i>NEW for 2016</i>	MEHSU-18CHD2 <i>NEW for 2016</i>	MEHSU-24CHD2 <i>NEW for 2016</i>
Voltage / Phase / Frequency		208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Air Circulation Hi / Med / Low	CFM	335/290/240	370/320/260	520/430/360	820/620/520
Static Pressure In	W.C.	0-0.18	0-0.18	0-0.28	0-0.40
Indoor Noise Level: Hi/Med/Low	DBa	39/37/33	40/38/33	36/34/30	50/46/45
Connection Pipe Size Suction	Inches	3/8	1/2	1/2	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4	3/8
Condensation Line Size	Inches	1	1	1	1
Net Weight Indoor	Lbs	39.9	39.68	50.71	57.32
Net Dimensions (WxDxH)	Inches	27.56x25x8.27	27.56x25x8.27	36.22x25x8.27	36.22x25x10.63
Packing Dimensions (WxDxH)	Inches	36.02x25.79x11.42	36.02x25.79x11.42	44.68x25.79x11.42	44.68x25.79x11.42

Floor/Ceiling ▶



Indoor Model		MEHSU-09CHN2 <i>NEW for 2016</i>	MEHSU-12CHN2 <i>NEW for 2016</i>	MEHSU-18CHF2 <i>NEW for 2016</i>	MEHSU-24CHF2 <i>NEW for 2016</i>
Voltage / Phase / Frequency		208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Air Circulation Hi / Med / Low	CFM	374/342/289	365/318/248	666/595/525	887/770/650
Indoor Noise Level: Hi/Med/Low	DBa	44/41/35	65/41/35	47/44/39	58.5/55/52
Connection Pipe Size Suction	Inches	3/8	1/2	1/2	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4	3/8
Condensation Line Size	Inches	3/8	3/8	1	1
Net Weight Indoor	Lbs	32.41	32.41	55.12	55.12
Net Dimensions (WxDxH)	Inches	27.56x23.62x8.27	27.56x23.62x8.27	42.05x26.57x9.25	42.05x26.57x9.25
Packing Dimensions (WxDxH)	Inches	31.89x27.95x12.01	31.89x27.95x12.01	45.08x29.72x12.32	45.08x29.72x12.32

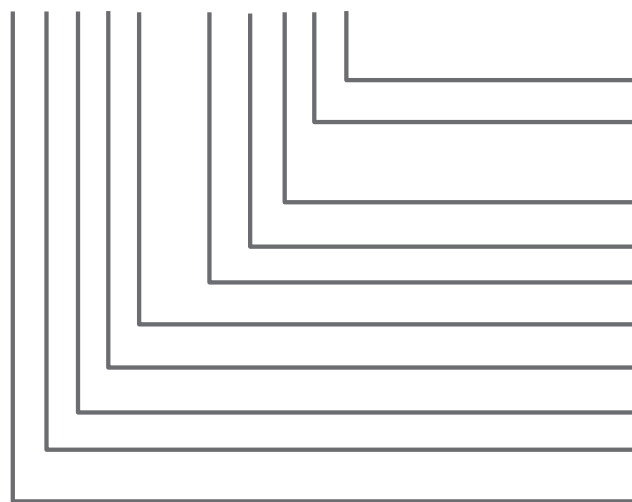
2016 Ductless Units Nomenclature

Nomenclature ►



M E H S U - 09 P H H 2

Example: MEHSU-09PHH2



2: 208/230v 1: 115v

H: Highwall

D: Duct F: Floor/Ceiling

C: Cassette N: Console

H: Hyper S: Standard (Non-Hyper)

P: Premier Wall Mount N: Neola Wall Mount

C: Light Commercial (Premier)

Capacity (BTU/h)

U: Universal

S: Single: 2,3,4,5 # of Zones

Heat Pump

E: Indoor C: Outdoor

Midea

Note: For Multi Zone Systems H: Horizontal instead of Highwall

Things To Know Before You Buy a Midea System ►

Warranties vary depending on model:

2 Year Parts, 5 Years Compressor Warranty or

5 Year Parts, 7 Years Compressor Warranty.

Note: Condensing units come pre-charged from factory. Additional refrigerant may be required, be sure to check installation manual for more details.

Cooling capacity is based on the following conditions:

Indoor temperature: 80°F DB/67°F WB (26.7°C DB/19.4°C WB)

Outdoor temperature: 95°F DB/75°F WB (35°C DB/23.9°C WB)

Heating capacity is based on the following conditions:

Indoor temperature: 70°F DB (8.3°C DB/6.1°C WB)

Outdoor temperature: 47°F DB/43°F (8.3°C DB/6.1°C WB)



Disclaimer ►

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