

MHD

Central Heat Pump



Performance up to



Cooling



Heating



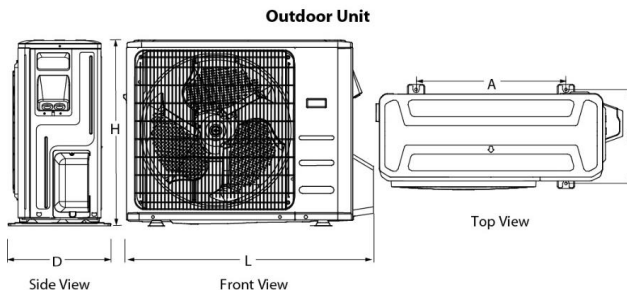
Features

Operation mode
Nominal capacity
Voltage
Outdoor unit

- Cooling, heating, dehumidifying, fan and auto.
- 18000, 24000 BTU/hr.
- 230/208V, 60 Hz, 1-phase.
- Variable speed rotary compressor (INVERTER), with PCB control protection.
- Electronic expansion valve for precise control of refrigerant flow.
- Condenser fins covered with a hydrophilic coating for improved corrosion resistance.
- Quiet axial-flow fan.
- Multi-hole pan with smart heater to prevent ice formation.
- Compressor blanket and preheating technology.
- Installation on aluminum wall bracket or ground stand (optional).
- Minimum piping length of 10 ft. (3 m).
- Flared connections on outdoor unit and sweat connections on A-Coil.
- 10-year basic warranty on parts and 10-year basic warranty on the compressor (labor not included).

Connection piping

Warranty



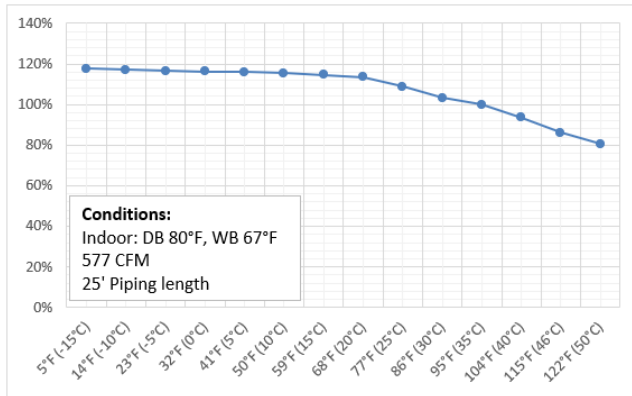
Outdoor Unit	L		H		D		A		B	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
MHD-18	35 1/16	890	26 1/2	673	13 7/16	342	26 1/8	663	13 11/16	348
MHD-24	37 1/4	946	31 7/8	810	16 1/8	410	26 1/2	673	17 15/16	455

X60036A

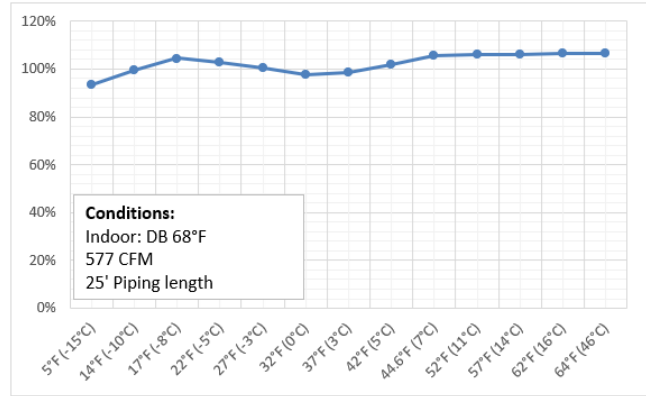
Outdoor Unit Specifications

Outdoor unit		MHD-18	MHD-24
Indoor coil		MHD-CC2.0-17.5-M	MHD-CC2.0-17.5-M
Power Supply		208/230 VAC, 60 Hz, 1 phase	
Cooling Capacity (min-max)	BTU/h	18000 (8870-19400)	24000 (6850-27000)
Heating Capacity (min-max)	BTU/h	18000 (15100-19500)	29000 (11900-31000)
Cooling Input (min-max)	W	1440 (230-1760)	1845 (310-2400)
Heating Input (min-max)	W	1700 (1390-2050)	2500 (670-2700)
Rated Current	A	7.3	10.9
MCA	A	16	25
MOCP	A	25	35
EER	BTU/h/W	11.7	11.3
SEER		16.2	16.2
EER 2	BTU/h/W	11.7	11.7
SEER 2		15.2	15.2
COP	W/W	2.2	2.1
HSPF		10.1	10.0
HSPF 2		9.5	9.8
AHRI Number		210365427	210365428
(CC) Energy Star		✓	✓
Compressor LRA	A	14.25	17.1
Compressor RLA	A	36	58
Compressor Power Input	W	2045	2045
Fan Motor RLA	A	0.76	0.50
Air Flow Volume	CFM	1765	2235
Sound Level	dB(A)	59	62
Cooling Amb. Temp.	°C (°F)	-30 - 50 (-22 - 122)	
Heating Amb. Temp.	°C (°F)	-30 - 30 (-22 - 86)	
Net Weight	lb	101	134
Refrigerant		R410A	
Refrigerant Charge	oz	65.2	91.7
Additional Charge	oz/ft	3/8	5/8
Pipe Length	ft	25	25
Pipe Max Length	ft	98	164
Pipe Max Height	ft	66	82

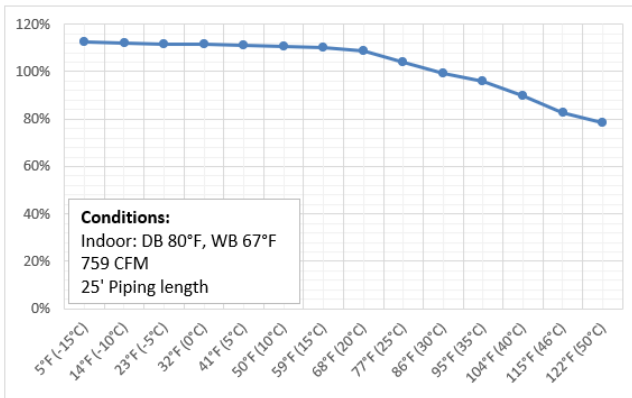
Capacity Variation Ratio According to Temperature



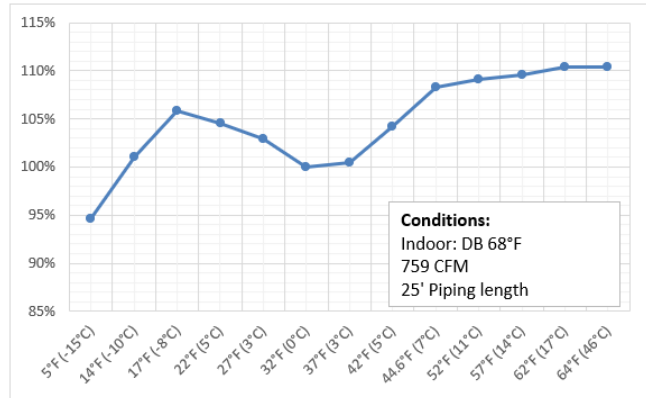
(a) MHD-18 Cooling



(b) MHD-18 Heating



(c) MHD-24 Cooling



(d) MHD-24 Heating

Specifications may change without prior notice

Project:	Approval Information
Consultant Engineer:	
Electrician Contractor:	
Distributor:	
Date:	
Contact at manufacturer:	
Comments:	