

SUBMITTAL DATA: SVZ-KP12NA

12,000 BTU/H MULTI-POSITION AIR HANDLER INDOOR UNIT FOR MXZ MULTI-ZONE PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	



ACCESSORIES:

Electric Heater Kit (See_SB_EH_MVZ_PVA_PVFY_SVZ)

Optional Controls

Wireless Controller (MHK1)
Wired Remote Controller (PAR-40MAA)
Thermostat Interface (PAC-US444CN-1)
Simple MA Remote (PAC-YT53CRAU-J)
Wireless Remote Controller (PAR-FL32MA-E)
System Control Interface (MAC-334IF-E)

SPECIFICATIONS:

Rated Capacity*		
Cooling ¹	Btu/h / W	12,000
Heating at 47°F ²	Btu/h / W	15,000

NOTES: *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) Outdoor : D.B. 35°C (95°F), W.B. 23.9°C (75°F)
(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA) *	A	3.00
----------------------------------	---	------

Blower Motor (ECM)	F.L.A.	2.4
--------------------	--------	-----

Blower Motor Output	W	121
---------------------	---	-----

Moisture Removal	pt./h	1.2
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	3/4 (19.05)
---------------------------	---------	-------------

Airflow Rate (Lo - Med - Hi)		
DRY	CFM	278-381-448
WET		N/A

Sound Pressure Level (Lo - Med - Hi)		
Cooling	dB(A)	29-36-39

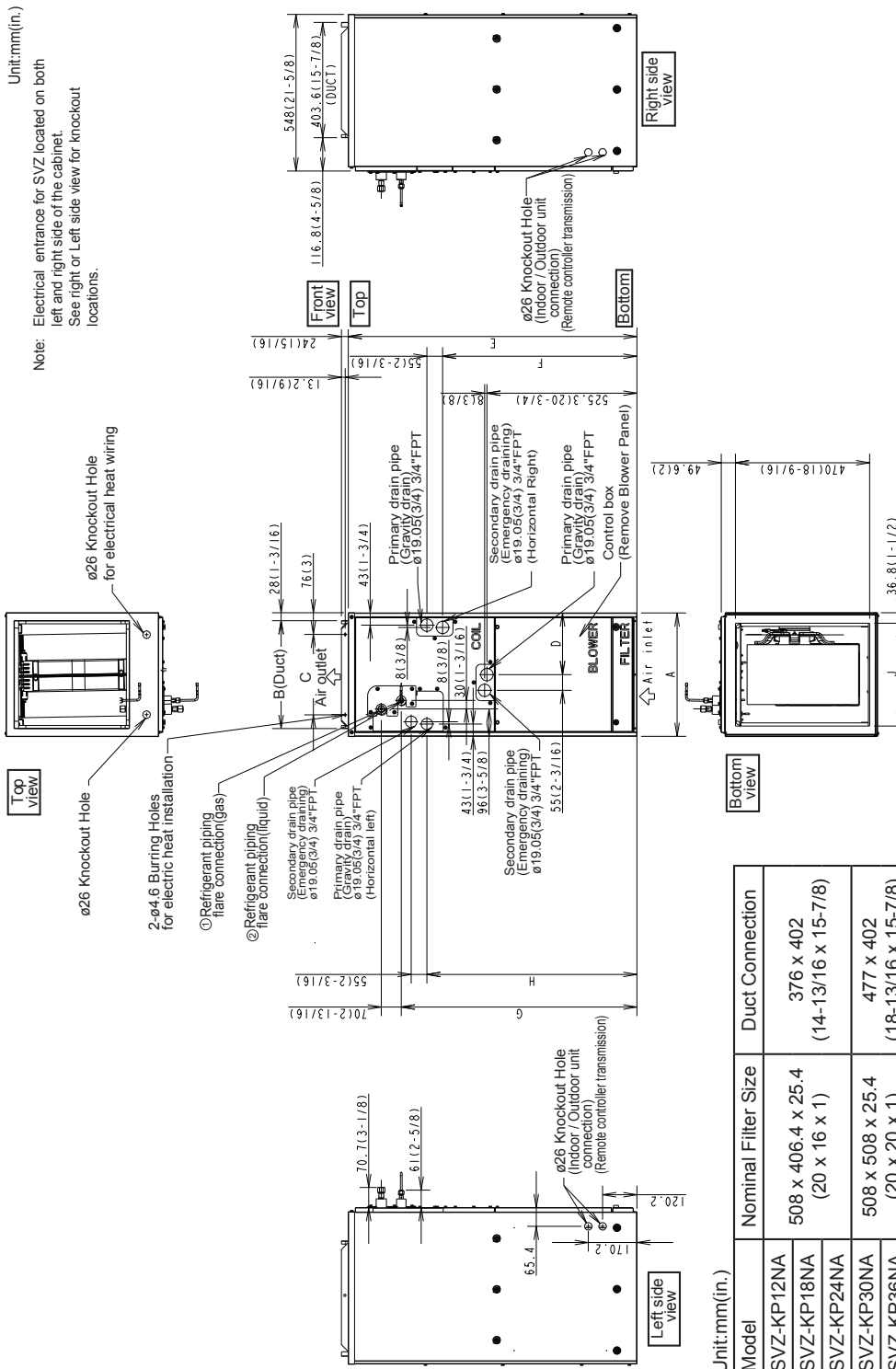
External Dimensions (H x W x D)	In.(mm)	39-13/16 x 17 x 21-5/8 (1101 x 432 x 549)
---------------------------------	---------	--

Net Weight	Lbs.(kg)	93 (42.2)
------------	----------	-----------

External Finish	Black	
-----------------	-------	--

Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

DIMENSIONS: SVZ-KP12NA



Unit:mm(in.)

Model	Nominal Filter Size	Duct Connection
SVZ-KP12NA	508 x 406.4 x 25.4 (20 x 16 x 1)	376 x 402 (14-13/16 x 15-7/8)
SVZ-KP18NA		
SVZ-KP24NA		
SVZ-KP30NA		
SVZ-KP36NA		

Model	A	B	C	D	E	F	G	H	J	Gas Pipe	Liquid pipe
SVZ-KP12NA	432 (17)	376 (14-13/16)	281 (11-1/8)	224 (8-7/8)	1,010.8 (39-13/16)	680 (26-13/16)	823 (32-7/16)	735.5 (29)	360 (14-3/16)	ø 9.52 (3/8) ø 12.7 (1/2)	ø 6.35 (1/4)
SVZ-KP18NA											
SVZ-KP24NA											
SVZ-KP30NA	534 (21)	477 (18-13/16)	382.6 (15-1/8)	266.5 (10-1/2)	1,113.8 (43-7/8)	737 (29-1/16)	953.5 (37-9/16)	792 (31-3/16)	461 (18-3/16)	ø 15.88 (5/8)	ø 9.52 (3/8)
SVZ-KP36NA											

Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.