

**Project:** \_\_\_\_\_  
**Location:** \_\_\_\_\_

**Date:** \_\_\_\_\_  
**Engr.:** \_\_\_\_\_

### KEY FEATURES



- ◎ Optimized tube-in-tube heat exchanger and segmented heat exchanger improves heat pump's subcooling performance in cooling mode
- ◎ Redesigned fan shroud system improves discharge air distance to prevent short cycling of air
- ◎ Sealed electrical compartment prevents possible damage from natural environment
- ◎ One-Touch test run allows for simple system startup and commissioning as well as service and maintenance
- ◎ Anti-ice bottom row heat exchanger protects ice from forming on the bottom of the heat exchanger during heat mode
- ◎ Redesigned top axial fan allows for load flexibility and adaptable to more application scenarios



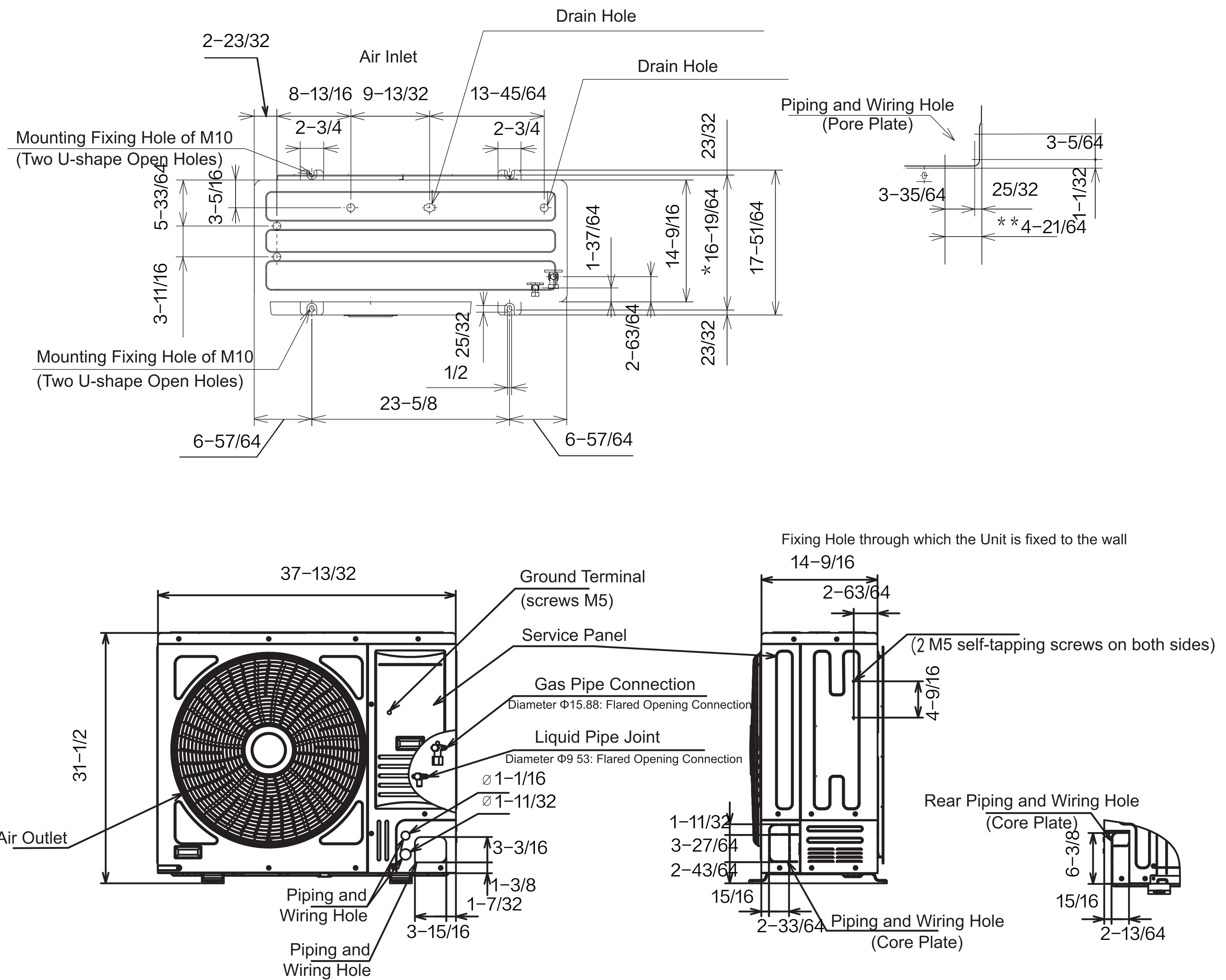
**AVW-28H3FH**

Hi-Smart H Series	Model		AVW-28H3FH
	Ton		2
Model Power Supply	Phase Voltage Hz		AC 1-Phase 208/230V 60Hz
Cooling Operation	Nominal Capacity	Btu/h	27,000
	Power Consumption	kW	1.93
	EER		4.15
Heating Operation	Nominal Capacity	Btu/h	32,000
	Power Consumption	kW	2.37
	COP		4.01
MCA (Minimum Circuit Ampacity)	A		19.5
MOP (Minimum Overcurrent Protection)	A		25
Air Flow Rate	CFM (m3/h)		1,642 (2,790)
Out Dimension	inch		31-1/2 x 37-13/32 x 14-9/16
Net Weight	lbs.(kg)		144 (65)
Compressor Quantity			1
Compressor Type			Rotary
Refrigerant Type			R410A
Refrigerant Charge Amount	lbs.(kg)		5.5 (2.5)
Refrigerant Flow Control			Micro-computer Control Expansion Valve
Condenser Fan Quantity			1
Cabinet Color			Ivory White
Refrigerant Piping	Gas Line	inch	5/8
	Liquid Line	inch	3/8
Maximum Number of Connectable IDU			5
Maximum Pipe Length to the Farthest Indoor Unit	Ft.		82
Height Difference	Maximum Below Unit	Ft.	66
	Maximum Above Unit	Ft.	66
	Between IDUs	Ft.	11
Noise level	Cooling/Heating	dB(A)	50/52
Operation Range	Cooling	°F DB	23°F~114.8°F
	Heating	°F WB	-5°F~60°F

Note: For connection with " \* " please contact with our technical engineer.

### Dimension

unit:inch



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