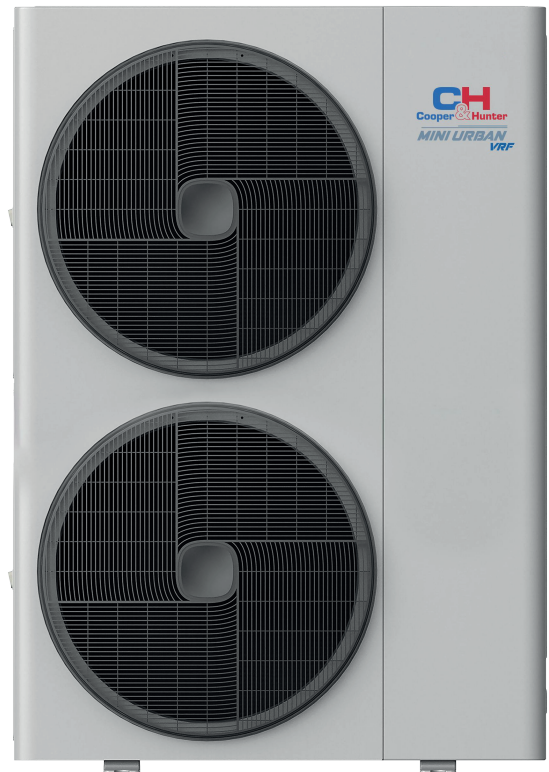


Job Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Submitted to: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Reference: \_\_\_\_\_

Date: \_\_\_\_\_  
Approval: \_\_\_\_\_  
Construction: \_\_\_\_\_  
Unit #: \_\_\_\_\_  
Drawing #: \_\_\_\_\_

**OUTDOOR UNIT FEATURES:**

- In response to EPA's low-carbon policy, using R32 refrigerant reduces carbon emissions by 68% compared to R410A.
- Maximum SEER2 of 23 and a maximum HSPF2 of 10.8.
- The heating capacity can be up to 100% of rated capacity in 5°F.
- Flexible Installation with Long Piping.
- Operate in a wide ambient temperature range: from 23°F~125.6°F in cooling mode, and from -13°F~78°F in heating mode.
- Fast Start without Preheating above 14°F.



<b>Model name</b>			<b>CHV6-RS48URBMHH</b>
<b>Ton</b>			<b>4</b>
Power Supply	Phase Voltage	Hz	AC 1-Phase 208/230V 60Hz
Cooling Operation (Ducted/Non-ducted)	Rated Capacity	kW	14.1
		kBtu/h	48
	Power Input (Ducted/Non-ducted)	kW	4.00/4.00
	EER2 (Ducted/Non-ducted)	(Btu/h)/W	12/12
	SEER2 (Ducted/Non-ducted)	(Btu/h)/W	17/22
Heating Operation (Ducted/Non-ducted)	Rated Capacity	kW	15.8
		kBtu/h	54
	Power Input (Ducted/Non-ducted)	kW	4.16/3.77
	COP 47°F (Ducted/Non-ducted)	kW/kW	3.80/4.20
	Low Temp. Heating Capacity 5°F	kW	15.8
		kBtu/h	54
	Power Input (Ducted/Non-ducted)	kW	8.55/6.59
	COP 5°F (Ducted/Non-ducted)	kW/kW	1.85/2.40
	HSPF2 (Ducted/Non-ducted)	(Btu/h)/W	10.1/10.8
Electrical Parameters	MCA	A	39.6
	MOP	A	50
Air Flow Rate		CFM (m <sup>3</sup> /min)	3534 (100)
Fan Quantity		PC	2
Noise Level	Normal mode (Cooling/Heating)	dB(A)	52/54
Compressor	Type	-	Rotary
	Quantity	PC	1
Refrigerant	Type	-	R32
	Pre-charged Quantity	lbs (kg)	6.4 (2.9)
Net Weight		lbs (kg)	249.5 (113.4)
Refrigerant Piping	Gas for Indoor Unit	in.	5/8
	Gas for DHW Tank	in.	1/2
	Liquid	in.	3/8
Outer Dimensions (H x W x D)		in.	54-3/8 x 37-9/16 x 14-9/16
Cabinet Color		-	Ivory White
Maximum Number of Connectable IDU		PC	11
Height Difference	Maximum Below Unit	ft.	164
	Maximum Above Unit	ft.	131
	Between IDUs	ft.	49.0

Max. Piping Length to the Farthest Indoor Unit		ft.	9
Operation Range	Cooling Mode	°F DB	23 ~ 125.6
	Heating Mode	°F WB	-13 ~ 78
	DHW Mode	°F WB	-13 ~ 109

**NOTES:**

- The above cooling and heating capacities show the capacities when the outdoor unit is operated with the 100% rating of indoor units.  
Cooling operation conditions: indoor air inlet temperature: 80°F DB 67°F WB, outdoor air inlet temperature: 95°F DB, Piping length: 25ft., Piping lift: 0ft..  
Heating operation conditions: Nominal heating condition, indoor air inlet temperature: 70°F DB, outdoor air inlet temperature: 47°F DB 43°F WB.  
Heating operation conditions: Low temp. heating condition, indoor air inlet temperature: 70°F DB, outdoor air inlet temperature: 17°F DB 15°F WB.
- Rated capacity and efficiency are certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at [www.ahridirectory.org](http://www.ahridirectory.org).
- The above noise values are measured in the anechoic chamber without reflected echo. Measurement point: 3.3ft from the service cover surface and 4.9ft from floor level.
- The final appearance of outdoor units is subject to the actual products.

Unit: inch (mm)

