



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-RS36URBMHH</b>
<b>Ton</b>			<b>3</b>
Power Supply	Phase Voltage	Hz	AC 1-Phase 208/230V 60Hz
Cooling Operation (Ducted/Non-ducted)	Rated Capacity	kW	10.6
		kBtu/h	36
	Power Input (Ducted/Non-ducted)	kW	2.88/2.77
	EER2 (Ducted/Non-ducted)	(Btu/h)/W	12.5/13
	SEER2 (Ducted/Non-ducted)	(Btu/h)/W	17.5/23
Heating Operation (Ducted/Non-ducted)	Rated Capacity	kW	12.3
		kBtu/h	42
	Power Input (Ducted/Non-ducted)	kW	3.16/2.86
	COP 47°F (Ducted/Non-ducted)	kW/kW	3.90/4.30
	Low Temp. Heating Capacity 5°F	kW	12.3
		kBtu/h	42
	Power Input (Ducted/Non-ducted)	kW	5.86/5.02
	COP 5°F (Ducted/Non-ducted)	kW/kW	2.10/2.45
	HSPF2 (Ducted/Non-ducted)	(Btu/h)/W	10.1/10.8
Electrical Parameters	MCA	A	30.3
	MOP	A	40
Air Flow Rate		CFM (m <sup>3</sup> /min)	3534 (100)
Fan Quantity		PC	2
Noise Level	Normal mode (Cooling/Heating)	dB(A)	50/53
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	9
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:**

1. 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.

2. 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).

3. 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.

4. The final appearance of outdoor units is subject to the actual products.

Unit: inch (mm)

