CHV6-RS48URBM
URBAN

Job Name: _____ Date: _____
Location: _____ Approval: _____
Engineer: _____ Construction: _____
Submitted to: _____ Unit #: _____
Submitted by: _____ Drawing #: _____
Reference: _____

OUTDOOR UNIT FEATURES:

- In response to EPA's low-carbon policy, using R32 refrigerant reduces carbonemissions by 68% compared to R410A.
- Maximum SEER2 of 18.15 and a maximum HSPF2 of 9.00.
- The heating capacity can be up to 70% of rated capacity in 5°F with a maximum COP 2.2.
- Flexible Installation with Long Piping.
- Low noise bring High Quality User Experience.
- Operate in a wide ambient temperature range: from 23°F~122°F in coolingmode, and from -13°F~78°F in heating mode.
- Fast Start without Preheating above 14°F.
- External static pressure can reach 35 Pa.

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Intertek

Cooper&Hunter

SPECIFICATIONS: CHV6-RS48URBM

Model name			CHV6-RS48URBM
Ton			4
Model Power Supply	Phase Voltage	Hz	AC 1-Phase 208/230V 60Hz
Cooling capacity (Ducted/Non-ducted)	Rated capacity	Btu/h	48,000
	Input power (Ducted/Non-ducted)	kW	5.16/4.00
	EER2 (Ducted/Non-ducted)	(Btu/h)/W	9.30/12.00
	SEER2 (Ducted/Non-ducted)	(Btu/h)/W	17.00/23.30
Heating capacity (Ducted/Non-ducted)	Rated apacity	Btu/h	54,000
	Input power (Ducted/Non-ducted)	kW	4.65/4.28
	COP 47°F (Ducted/Non-ducted)	kW/kW	3.40/3.70
	Low temperature heating capacity	Btu/h	35,800
	Input power (Ducted/Non-ducted)	kW	5.28/4.91
	COP 17°F (Ducted/Non-ducted)	kW/kW	2.10/2.10
	HSPF2 (Ducted/Non-ducted)	(Btu/h)/W	8.50/9.00
Electrical parameters	MCA	A	30.0
	MOP	A	45
Air Flow Rate		CFM (m^3/min)	2823 (80)
Out Dimension		in	33 45/64 x 43 5/16 x 15 23/64
Net Weight		lbs. (kg)	202 (92)
Compressor Quantity		-	1
Compressor Type		-	Rotary
Refrigerant Type		-	R32
Refrigerant Charge Amount		lbs. (kg)	4.4 (2.0)
Refrigerant Flow Control		-	Micro-computer Control Expansion Valve
Condenser Fan Quantity		-	1
Cabinet Color		-	Ivory White
Refrigerant Piping	Gas Line	in	5/8"
	Liquid Line	in	3/8"
Maximum Number of Connectable IDU		-	11
Maximum Pipe Length to the Farthest Indoor Unit		ft	262
Height difference	Maximum below unit	ft	164
	Maximum above unit	ft	131
	Between IDUs	ft	49
Noise level	Cooling/Heating	dB(A)	53/55
Operation range	Cooling	°F DB	23 ~ 122
	Heating	°F WB	-13 ~ 78

NOTES:

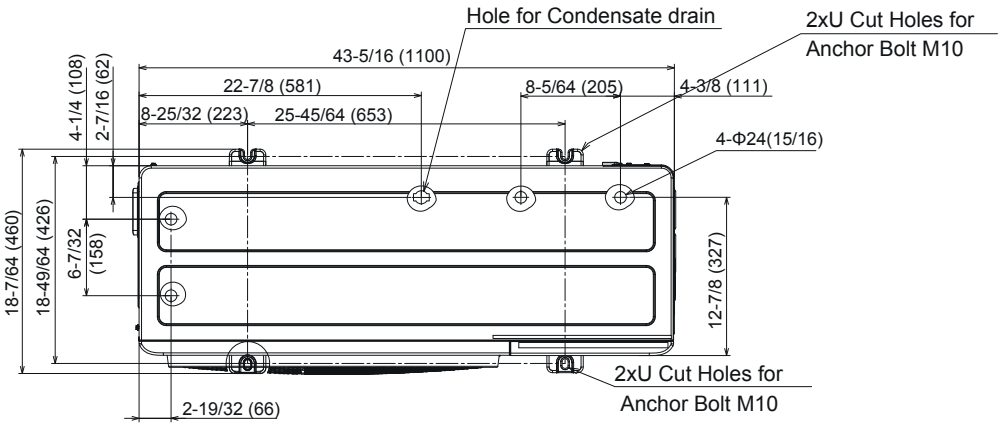
1. The above cooling and heating capacities show the capacities when the outdoor unit is operated with the 100% rating of indoor units.
Cooling operation conditions: indoor air inlet temperature: 80°F DB 67°F WB, outdoor air inlet temperature: 95°F DB, Piping length: 25ft., Piping lift: 0ft..
Heating 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.

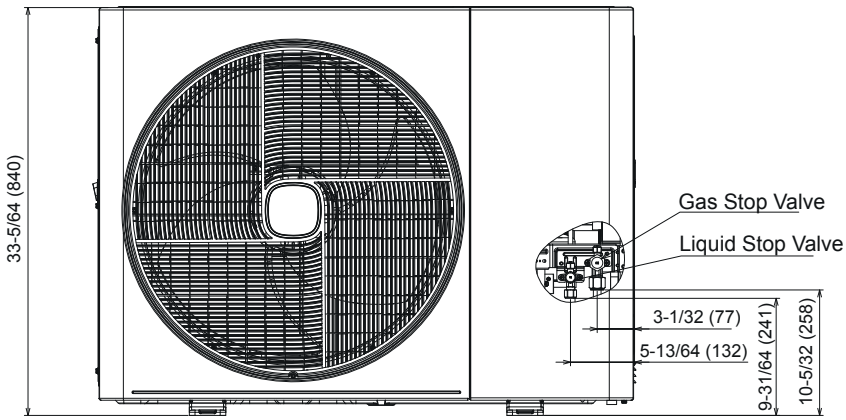
2. Rated capacity and efficency are certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

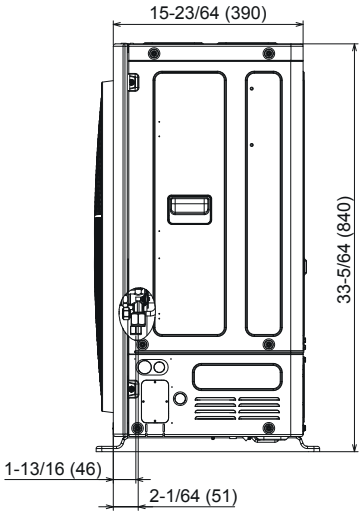
3. The above noise values are measured in the anechoic chamber without reflected echo. Measurement point: 3.3ft from the service cover surface and 4.9ft from floor level.

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

Unit: inch (mm)







Wind Guard

Job Name: _____ Date: _____
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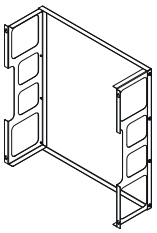
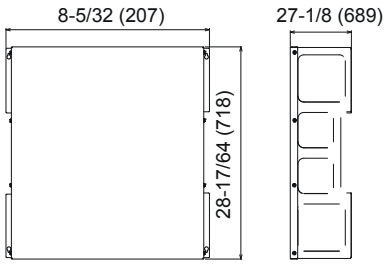
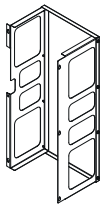
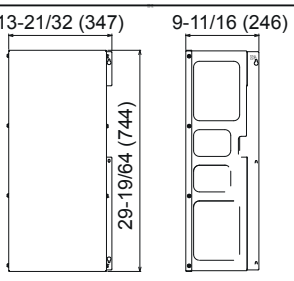
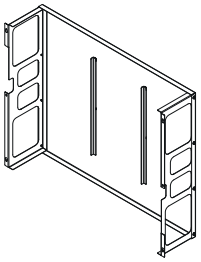
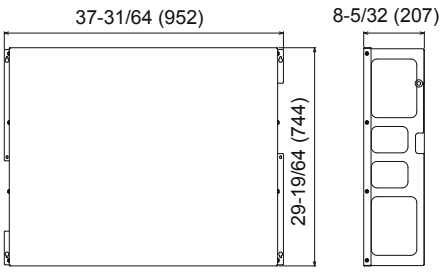
Key Features:

- Extended cooling operation range to 5°F(-15°C)~122°F (50°C)
- Achieve lower operational range for cooling
- Wind Guard allows system to operate at 100% COOLING capacity at reducedoutdoor temperatures, while Performance of high temperature cooling andheating will be slightly affected.

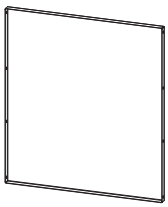
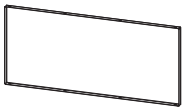
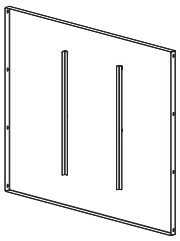
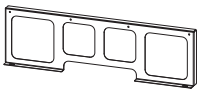
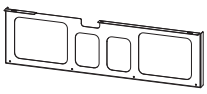
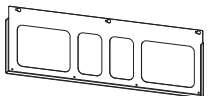
Model Match Table

Name	Wind Guard
Model	SPWG-01
Outdoor Unit Cabinet Specs.	33-5/64 x 43-5/16 x 15-23/64 in. (840 x 1100 x 390 mm)
Applicable Outdoor Unit	CHV7-24/36/48URBM

Dimension

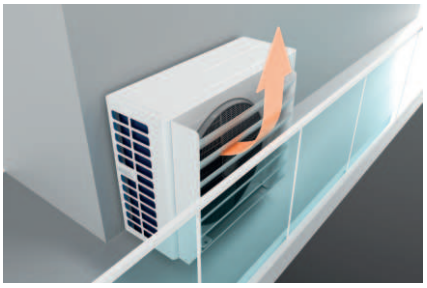
No.	Name	Thumbnail	Dimensions (in. (mm))
1	Front Wind Guard		
2	Left Wind Guard		
3	Rear Wind Guard		

Parts List

NO.	Parts Name	Qty.	Stamp Identification	Thumbnail	SH-SFB1F		
					Front Wind Guard	Left Wind Guard	Rear Wind Guard
1	Front Panel	1	SPWG-01		1	—	—
2	Left Panel	1	SPWG-02		—	1	—
3	Rear Panel	1	SPWG-03			—	1
4	Front Support Plate	2	SPWG-01A		2	—	—
5	Common Support Plate	3	SPWG-02A		—	1	2
6	Left Support Plate	1	SPWG-03A		—	1	—
7	Protective Pad	4	—		4	—	—
8	Screws	37	—		12	11	14
9	Instruction Manual	1	—		—	—	—

Air Outlet Guard

Job Name: _____ Date: _____
Location: _____ Approval: _____
Engineer: _____ Construction: _____
Submitted to: _____ Unit #: _____
Submitted by: _____ Drawing #: _____
Reference: _____



Key Features:

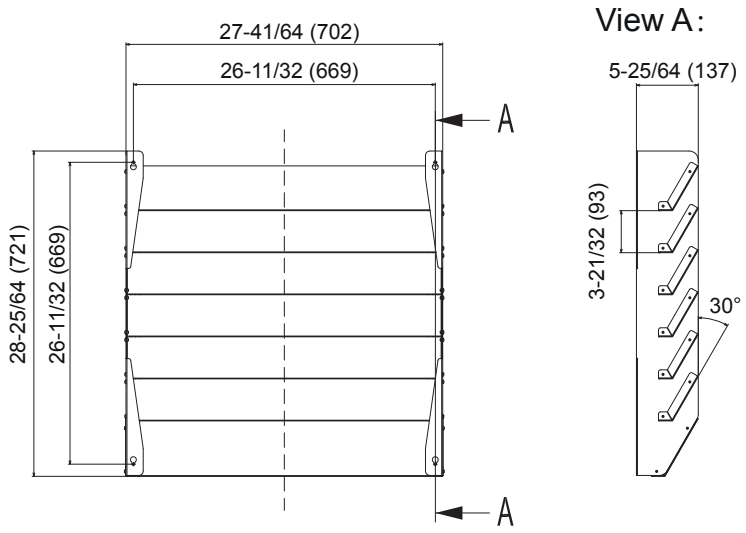
- For Flexible Air Discharge Directions: the well-designed air outlet guide candivert the airflow to up, left, or right directions
- Enhance the heat dissipation efficiency.

Model Match Table

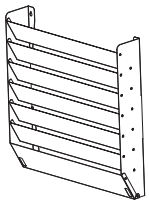
Name	Air Outlet Guide
Model	SPAOG-01
Outdoor Unit Cabinet Specs.	33-5/64 x 43-5/16 x 15-23/64 in. (840 x 1100 x 390 mm)

Dimension

Unit: in. (mm)



Parts List

Name.	Air Outlet Guide	Screws	Instruction Manual	Protective Pad 1	Protective Pad 2
Thumbnail					
Quantity	1	4	1	2	2