

SUBMITTAL DATA SHEET



CVH-36-4SH	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Outdoor unit model CVH-36-4SH

Certified UL



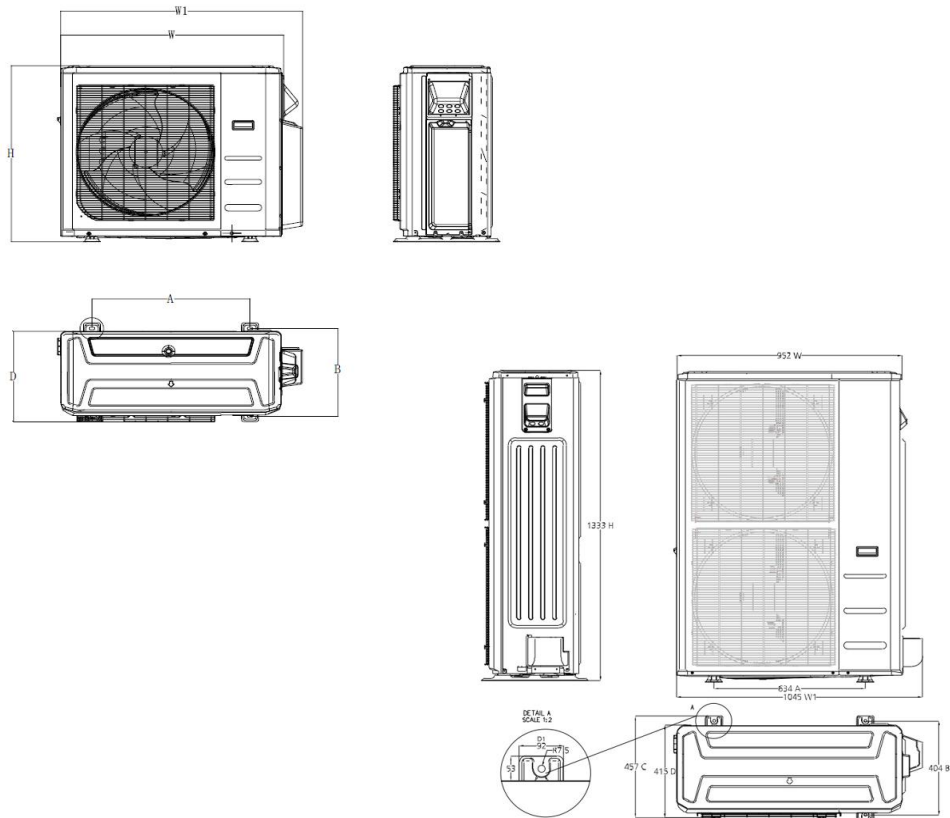
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Cooling		
Capacity	Btu/h	36000(17900~42000)
Input	W	2650
Rated current	A	11.8
Heating		
Capacity	Btu/h	37000(12500~49000)
Input	W	2780
Rated current	A	12.2

OUTDOOR UNIT DATA		
Compressor		
Model		ATQ360D1UMU
Type		ROTARY
Brand		GMCC
Capacity	(Btu/h)	38214
Input	(W)	3040
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/1400
Throttle		Capillary +EXV
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.00
Outdoor noise level	[dB(A)]	63
Outdoor unit		
Dimension (W×D×H)	(inch)	37.48x16.34x52.48
	(mm)	952x415x1333
Packing (W×D×H)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	223.11/253.97
	(kg)	101.2/115.2
Outdoor (cooling/heating)	(Deg. °F)	-22~-122/ -22~-86
	(Deg. °C)	-30~50/ -30~30

REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/162
Refrigerant precharge	(ft)	98
	(m)	30.0
Additional charge for each ft-Φ6.35 (1/4") liquid pipe	(oz/ft)	0.161
Additional charge for each ft-Φ9.52 (3/8") liquid pipe	(oz/ft)	0.322
Liquid side/ Gas side	(inch)	4 x 1/4"/3 x 3/8" + 1 x 1/2"
	(mm)	4 x Φ6.35/3 x Φ9.52 + 1 x Φ12.7
Max. length for all rooms	(ft)	262
Max. length for one indoor	(ft)	115
Max. height difference between indoor and outdoor unit	(ft)	49
Max. height difference between indoor units	(ft)	33

EER2 (Non-ducted)	13.6	EER2 (Ducted)	11.3	MIX EER2	12.45
SEER2 (Non-ducted)	22.2	SEER2 (Ducted)	19	MIX SEER2	20.60
HSPF2-4(Non-ducted)	10.3	HSPF2-4(Ducted)	10	MIX HSPF2-4	10.15
HSPF2-5(Non-ducted)	8.3	HSPF2-5(Ducted)	8.1	MIX HSPF2-5	8.20

Outdoor unit dimension



Model	Unit	W	D	H	W1	A	B	C	D
CMZ-18-2Z	mm	890	342	673	990	663	354	/	/
	inch	35.04	13.46	26.5	38.98	26.1	13.94	/	/
CVH-18-2SH	mm	946	410	810	1034	673	403	/	/
CMZ-27-3Z									
CVH-27-3SH	inch	37.24	16.14	31.89	40.6	26.5	15.9	/	/
CMZ-48-4Z									
CVH-36-4SH	mm	952	415	1333	1045	634	404	457	415
CMZ-54-5Z									
CVH-60-5SH	inch	37.48	16.34	52.48	411.4	249.6	159.1	179.9	163.4

24V INTERFACE KIT

