

SUBMITTAL DATA SHEET

A-Coil Heat Pump System

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Code

Indoor unit code
 Outdoor unit code

Set Model

Indoor unit model AZPN/D60WAC
 Outdoor unit model AZPN/60WD

Certified

AHRI



UL



SYSTEM PERFORMANCE DATA

Power supply

Normal Operational Voltage (V, Ph, Hz) 208/230V, 1Ph, 60Hz
 Voltage Range (V) 187-253

Electrical

Minimum circuit ampacity (Outdoor) (A) 40.0
 Max.fuse (Outdoor) (A) 50.0
 Connection wiring N/A

Cooling

Capacity (Btu/h) 53000(13400~54000)
 Power Input (W) 6162(870~6100)
 Current (A) 26.80(3.78~26.52)
 SEER2 (Btu/W) 14.5
 EER2 (Btu/W) 8.6

Heating

Capacity (Btu/h) 55000(10800~60000)
 Power Input (W) 5373(840~6380)
 Current (A) 24.60(3.65~27.70)
 HSPF2-4 (Btu/W) 8.6
 HSPF2-5 (Btu/W) 7.1
 COP W/W 3.00
 Heat at 17F(H32) (Btu/h) 37000
 Heat at 5F(H42) (Btu/h) 46500
 COP at 5F(H42) W/W 1.80

REFRIGERANT PIPE DATA

	Indoor unit	TXV
Throttle type	Outdoor unit	EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	169.32
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.69
Additional charge for each m	(g/m)	65.0
Liquid side/ Gas side(indoor)	(inch)	3/8" / 7/8"
	(mm)	9.52/22
Liquid side/ Gas side(outdoor)	(inch)	3/8" / 7/8"
	(mm)	9.52/22
Max. pipe length	(ft)	213.3
	(m)	65.0
Max. difference in level	(ft)	98.4
	(m)	30.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	60 ~ 90
	(Deg. °C)	16 ~ 32
Indoor(heating)	(Deg. °F)	32 ~ 86
	(Deg. °C)	0 ~ 30
Outdoor(cooling)	(Deg. °F)	5~122
	(Deg. °C)	-15 ~ 50
Outdoor(heating)	(Deg. °F)	-22 ~ 75
	(Deg. °C)	-30 ~ 24

INDOOR UNIT DATA

IRV inch*3 190.00
 Air flow SCFM 1100
 Pressure drop Pa 72.00
 In. wg. 0.29

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (No duct) (CFM) //1117.65///
 Indoor noise level (Hi/Med/Lo) [dB(A)] 0/0/0
 Dehumidification (L/H) 8.3

Indoor unit

Dimension (WxDxH) (inch) 24.49x20.98x27.99
 (mm) 622x533x711
 Packing(WxDxH) (inch) 27.76x26.18x30.31
 (mm) 705x665x770
 Net/Gross weight (lbs.) 86.64/98.33
 (kg) 39.3/44.6

OUTDOOR UNIT DATA

Compressor

Type ROTARY
 Model EAPQ440D1UMUA
 Brand GMCC
 Capacity (Btu/h) 46335
 Input (W) 3770
 Rated current (RLA) (A) 26.2
 Refrigerant oil/oil charge (ml) POE.VG75/1300

Outdoor fan motor

Model ZKFN-85-8-22-5
 Qty 2
 Input (W) 126.0
 Output (W) 85
 RLA (A) 1.2
 Speed (r/min) 850/750/650

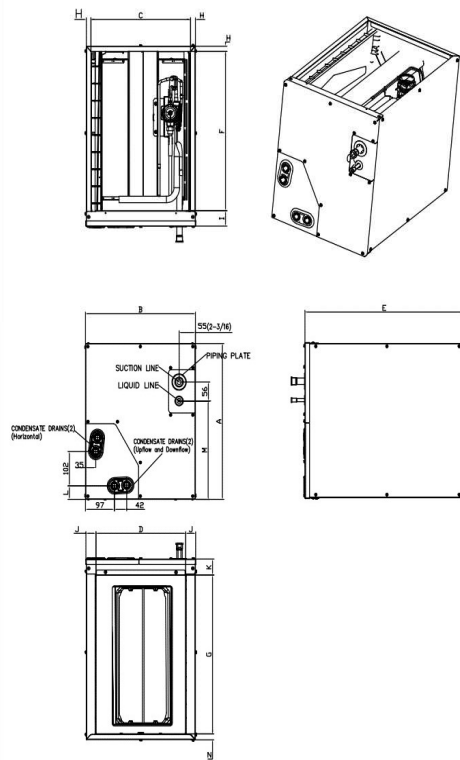
Air flow & Noise level

Outdoor air flow (Max.) (CFM) 4500
 Outdoor noise level [dB(A)] 62.0

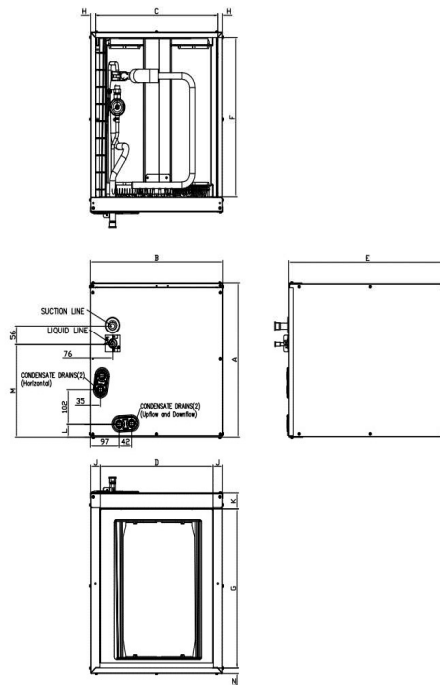
Outdoor unit

Dimension (WxDxH) (inch) 37.48x16.34x52.48
 (mm) 952x415x1333
 Packing (WxDxH) (inch) 43.11x19.49x58.27
 (mm) 1095x495x1480
 Net/ Gross weight (lbs.) 239.86/271.61
 (kg) 108.8/123.2

NEW PANEL STYLE



OLD PANEL STYLE



		KV-14F-A		KV-14F-B		KV-17F-A		KV-17F-B		KV-21F-A		KV-21F-B		KV-24F-A	
		NEW PANEL STYLE		NEW PANEL STYLE		NEW PANEL STYLE		OLD PANEL STYLE		OLD PANEL STYLE		NEW PANEL STYLE		OLD PANEL STYLE	
		18K/20K/22K/24K		30K(未生产)		30K/36K		18K/24K		30K/36K/48K		48K		60K	
Dimensions	Model(Btu/h)	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
A	Model Height	18	457	23-1/2	598	23-1/2	599	18	461	24	609	28	711	28	711
B	Model Width	14-1/2	368	14-1/2	368	17-1/2	445	17-1/2	445	21	533	21	533	24-1/2	622
C	Supply Air Opening Width	13-1/4	336	13-1/4	336	16-3/16	411	16-3/16	411	19-3/4	502	19-3/4	502	23-1/4	591
D	Return Air Opening Width	12	303	12	303	15-1/8	384	15-1/8	384	19-1/2	496	19-1/2	496	23	585
E	Model Depth	21	534	21	534	21	533	21	533	21	533	21	533	21	533
F	Supply Air Opening Depth	18-5/8	473	18-5/8	473	18-5/8	473	18-5/8	473	18-5/8	473	18-5/8	473	18-5/8	473
G	Return Air Opening Depth	18-1/2	471	18-1/2	471	18	458	18	458	18-1/2	470	18-1/2	470	18-1/2	470
H	Supply Air Opening Side Clearance	5/8	16	5/8	16	5/8	16	5/8	16	5/8	16	5/8	16	5/8	16
I	Supply Air Opening Front Clearance	1-3/4	45	1-3/4	45	1-3/4	45	1-3/4	45	1-3/4	45	1-3/4	45	1-3/4	45
J	Return Air Opening Side Clearance	5/8	16	5/8	16	1-3/16	30	1-3/16	30	3/4	19	3/4	19	3/4	19
K	Return Air Opening Front Clearance	1-13/16	46	1-13/16	46	1-13/16	46	1-13/16	46	1-13/16	46	1-13/16	46	1-13/16	46
L	Condensate Drains Height	1-9/16	40	1-9/16	40	1-7/16	37	1-7/16	37	2-1/8	54	2-1/8	54	2-1/8	54
M	Liquid Line Height	11-1/2	292	11-1/2	292	16-1/2	418	10-7/8	276	16-5/16	414	21	533	20-1/4	514
N	Return Air Opening Side Clearance	3/4	19	3/4	19	3/4	19	1-3/16	30	3/4	19	3/4	19	3/4	19

Outdoor unit dimension

