

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

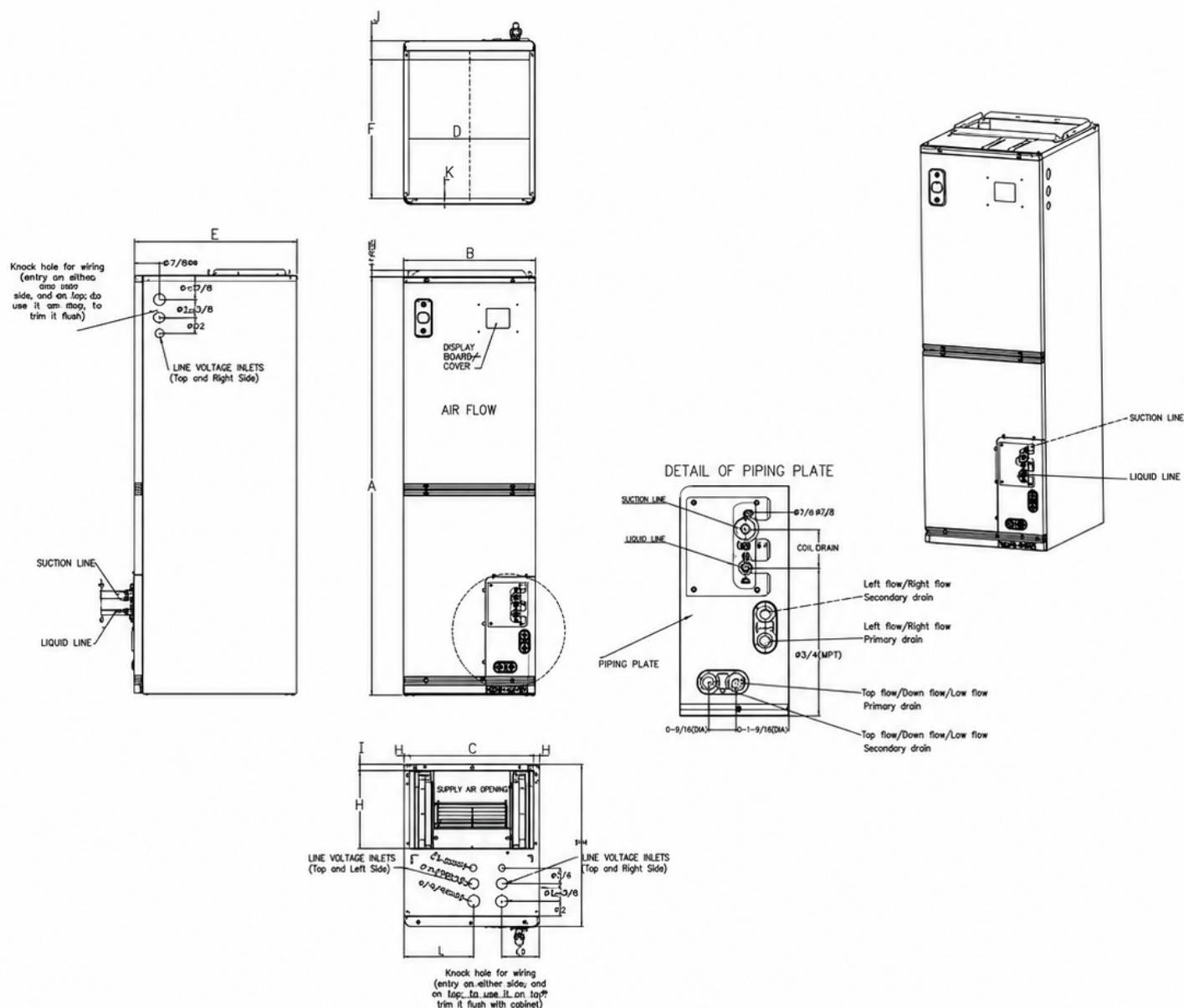
KEY FEATURES:

- Inverter technology
- Auto restart function
- Self-diagnosis
- High-efficiency pipes
- Variable speed (fan motor & compressor)
- Drain pan heater and compressor heating belt
- High-frequency racer technology
- Heating operation in temperatures to -22 °F
- Auto restart function
- Intelligent dusting switch
- 3-Minute restart delay
- Defrost
- Gold fin

NOTES:



Indoor Model			CH-PQ55AHU
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring		AWG	20-2
Cooling	Capacity	Btu/h	54,000 (11,400~60,000)
	Input	w	4,851 (1,540~6,720)
	Rated current	A	20.5 (7.2~29.7)
	EER/EER2	Btu/w	12
	SEER/SEER2	Btu/w	17.5
Heating at 47 °F	Capacity	Btu/h	55,000(8,600~60,000)
	Input	W	5,015 (775~5,720)
	Rated current	A	21.5 (4.2~26.7)
	COP	W/W	3.55
	HSPF4/HSPF2-4		9.5
	HSPF5/HSPF2-5		7.7
Indoor fan motor	Qty		1
	Input		/
	RLA		8
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,801.1 / 1,648.1 / 1,500.9 / 1,236.1
ESP (range)		ln.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	57/54.5/37
Dehumidification		L/H	12.7
Indoor unit	Dimensions (WxDxH)	inch	21.50 x 21.50 x 55.94
	Packing (WxDxH)	inch	25 x 31.10 x59.84
	Net/Gross weight	lbs	188.05/238.32
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/3/4"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	61~86



Dimensions		Model(Btu/h)		18K/24K		30K/36K		48K/54K	
				inch	mm	inch	mm	inch	mm
A	Model Height			49-3/4	1263	54	1371	56	1421
B	Model Width			14-1/2	368	17-1/2	445	21-1/2	546
C	Supply Air Opening Width			12-7/8	328	16	405	19-7/8	506
D	Return Air Opening Width			13	331	16	407	20	509
E	Model Depth			21-1/2	546	21-1/2	546	21-1/2	546
F	Supply Air Opening Depth			10-5/8	271	10-5/8	271	10-5/8	271
G	Return Air Opening Depth			18-1/4	465	18-1/4	465	18-1/4	465
H	Supply Air Opening Clearance			7/8	22	7/8	22	7/8	22
I	Supply Air Opening Clearance			1	24	1	24	1	24
J	Return Air Opening Front Clearance			2-1/2	65	2-1/2	65	2-1/2	65
K	Return Air Opening Back Clearance			3/4	18	3/4	18	3/4	18
L	Top cover knock hole					9	229	10-7/8	275
M	Top cover knock hole			4-1/2	113	4-7/8	124	5-1/8	131
N	Top cover knock hole			2	51	2	51	1-5/8	41
O	Refrigerant piping flareconnection(gas)			3/4	19	3/4	19	3/4	19
P	Refrigerant piping flareconnection(liquid)			3/8	9	3/8	9	3/8	9