

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

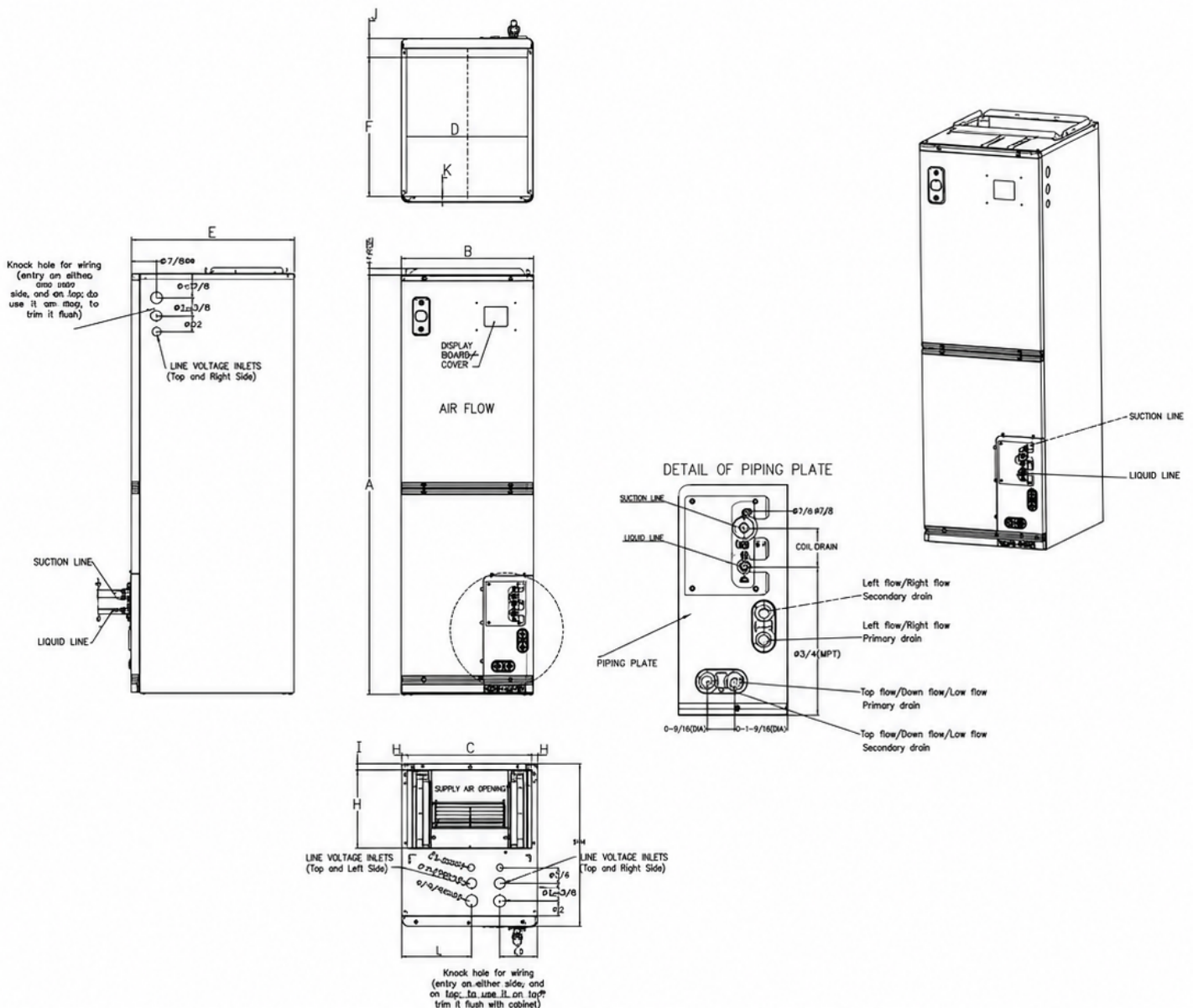
KEY FEATURES:

- 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-PQ24AHU
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring		AWG	20-2
Cooling	Capacity	Btu/h	24,000 (6,400~28,700)
	Input	w	2,150 (830~2,850)
	Rated current	A	9.1 (3.7~12.5)
	EER/EER2	Btu/w	12
	SEER/SEER2	Btu/w	18.6
Heating at 47 °F	Capacity	Btu/h	24,000(6,700~29,100)
	Input	W	2,150 (405~2,450)
	Rated current	A	9.1 (2.2~10.8)
	COP	W/W	3.49
	HSPF4/HSPF2-4		10
	HSPF5/HSPF2-5		8.1
Indoor fan motor	Qty		1
	Input		/
	RLA		2.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	824.0 / 759.3 / 694.5 / 629.8
ESP (range)		In.wg.	0-1.0
Indoor noise level (Hi/Med/Lo)		dB(A)	47.5/44/33
Dehumidification		L/H	4.7
Indoor unit	Dimensions (WxDxH)	inch	14.49 x21.50 x 49.72
	Packing (WxDxH)	inch	17.52 x 31.10 x 52.95
	Net/Gross weight	lbs	123.02/154.76
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/3/4"
Design pressure		PSIG	550/340
Controller			120N wire controller + remote controller
Room temperature	Cooling	F	60~90
	Heating	F	61~86



Model(Btu/h)		18K/24K		30K/36K		48K/54K	
Dimensions		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