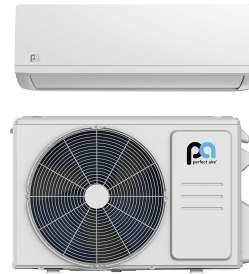


3PAMSHH24-SYS
Perfect Aire 24,000 BTU HyperTek Heat Mini-Split System

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____
 Approval: _____
 Date: _____
 Construction: _____


SET MODEL

Indoor unit model 3PAMSHH24-UVW
 Outdoor unit model 3PAMSHH24-SZO

SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage (V, Ph, Hz)		208/230, 1, 60
Voltage Range (V)		187-253
Electrical		
Minimum circuit ampacity (A)		25.0
Max.fuse (A)		35.0
Connection wiring		STRANDED 16*4 AWG
Cooling		
Rated Capacity (Btu/h)		23000
Capacity Range (Btu/h)		4650~26600
Power Input (Max) (W)		1840
Rated current (A)		8.25
SEER (Btu/W)		21.5
EER (Btu/W)		12.5
Heating at 47F		
Rated Capacity (Btu/h)		26000
Capacity Range (Btu/h)		9550~27000
Power Input (Max) (W)		2540
Rated current (A)		11.38
HSPF4 (Btu/W)		11.5
HSPF5 (Btu/W)		9.7
COP W/W		3
Heating at 17F		
Max Capacity (Btu/h)		23000

REFRIGERANT PIPE DATA

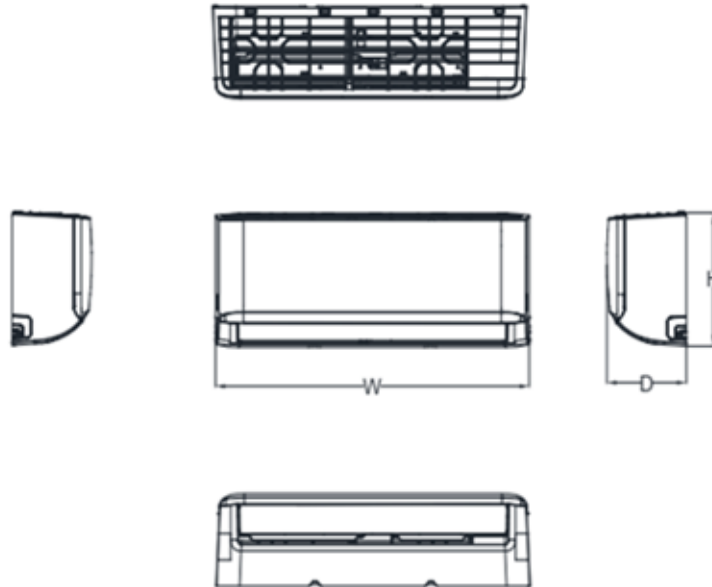
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/91.7
Refrigerant precharge (ft)(m)		25 7.6
Additional charge for each ft (oz/ft)(g/ft)		0.32 / 30
Liquid side/ Gas side (inch)(mm)		3/8" / 5/8" (Φ9.52 / Φ15.9)
Max. pipe length (ft)(m)		164 / 50
Max. difference in level (ft)(m)		82 / 25
Connection method		(Flared)
Indoor(cooling/ heating)		
(Deg. °F)		60~90 / 32~80.6
(Deg. °C)		16~32 / 0~27
Outdoor(cooling/heating)		
(Deg. °F)		-22~122 / -22~86
(Deg. °C)		-30~50 / -30~30
Application area		
(sq.ft)		129.17~193.75
(m2)		12~18

INDOOR UNIT DATA

Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-58-8-1-5
Qty		1
Input (W)		58.0
RLA (A)		-
LRA (A)		---
Winding Resistance (Ω)		---
Capacitor (uF)		---
Speed(Hi/Mi/Lo) (r/min)		1200/1080/600
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (CFM)		601.18/458.82/382.35
Indoor noise level (Hi/Med/Lc) [dB(A)]		46.5/44/35
Indoor unit		
Dimension (WxDxH) (inch)		42.60x9.21x13.27
(mm)		1082x234x337
Packing(WxDxH) (inch)		45.47x16.34x12.40
(mm)		1155x415x315
Net/Gross weight (lbs.) (kg)		29.98/38.14 (13.6/17.3)

OUTDOOR UNIT DATA

Compressor		
Type		KTM240D43UKT
Model		DUAL ROTARY
Brand		GMCC
Capacity (Btu/h)		25932.27641
Input (W)		2045
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		-
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input (W)		--
RLA (A)		--
Speed (r/min)		1150/1050/900/850
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		2235.30
Outdoor noise level [dB(A)]		62
Outdoor unit		
Dimension (WxDxH) (inch)		37.24x16.14x31.89
(mm)		946x410x810
Packing (WxDxH) (inch)		42.91x19.69x34.84
(mm)		1090x500x885
Net/ Gross weight (lbs.) (kg)		134.48/144.40 (61/65.5)

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INDOOR UNIT DIMENSIONS


W(mm/inch)	D(mm/inch)	H(mm/inch)
1082/42.6	234/9.21	337/13.27

OUTDOOR UNIT DIMENSIONS
