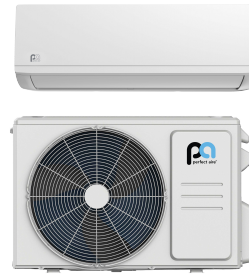


3PAMSHH18-SYS

Perfect Aire 18,000 BTU HyperTek Heat Mini-Split System

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



SET MODEL

Indoor unit model 3PAMSHH18-UVW
 Outdoor unit model 3PAMSHH18-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)		16.0
Max.fuse (A)		25.0
Connection wiring		STRANDED 16*4 AWG
Cooling		
Rated Capacity (Btu/h)		18000
Capacity Range (Btu/h)		8400~20200
Power Input (Max) (W)		1385
Rated current (A)		8.9
SEER (Btu/W)		21.5
EER (Btu/W)		13
Heating at 47F		
Rated Capacity (Btu/h)		18000
Capacity Range (Btu/h)		12000~23000
Power Input (Max) (W)		1575
Rated current (A)		9.2
HSPF4 (Btu/W)		11
HSPF5 (Btu/W)		9.2
COP (W/W)		3.35
Heating at 17F		
Max Capacity (Btu/h)		19000

REFRIGERANT PIPE DATA

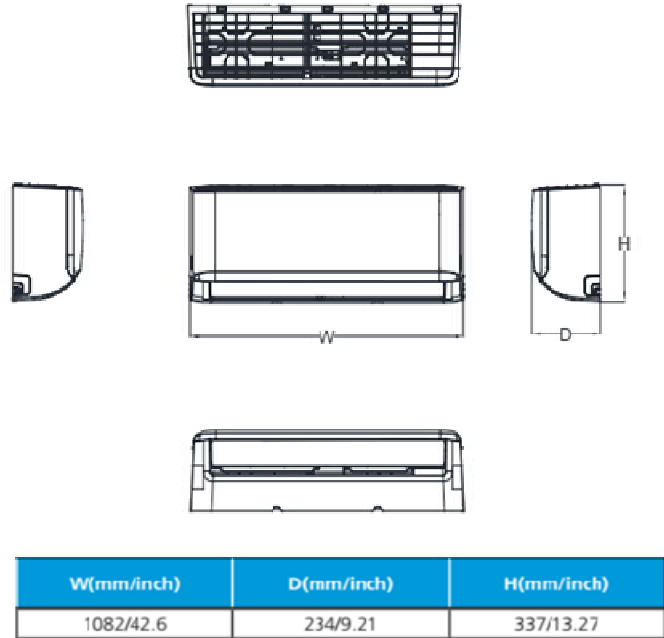
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/65.2
Refrigerant precharge (ft)(m)		25 / 7.62
Additional charge for each ft (oz/ft)(g/ft)		0.16 / 15
Liquid side/ Gas side (inch)(mm)		1/4" / 1/2" (Φ6.35 / Φ12.7)
Max. pipe length (ft)(m)		98 / 30
Max. difference in level (ft)(m)		66 / 20
Connection 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)		1120/950/700
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (CFM)		530.59/458.82/382.35
Indoor noise level (Hi/Med/Lc) [dB(A)]		46/40/25
Indoor unit		
Dimension (WxDxH) (inch)		42.64x9.61x13.23
(mm)		1083x244x336
Packing(WxDxH) (inch)		45.47x16.34x12.40
(mm)		1155x415x315
Net/Gross weight (lbs.) (kg)		29.54/37.48 (13.4/17)

OUTDOOR UNIT DATA

Compressor		
Type		KTN110D42UFZ
Model		DUAL ROTARY
Brand		GMCC
Capacity (Btu/h)		11822.58
Input (W)		885
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		-
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-34-10-1
Qty		1
Input (W)		--
RLA (A)		--
Speed (r/min)		850/680/450
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		1323.50
Outdoor noise level [dB(A)]		56
Outdoor unit		
Dimension (W×D×H) (inch)		31.69x12.99x21.81
(mm)		805x330x554
Packing (W×D×H) (inch)		36.02x14.57x24.21
(mm)		915x370x615
Net/ Gross weight (lbs.) (kg)		73.63/79.37 (33.4/36)

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INDOOR UNIT DIMENSIONS

OUTDOOR UNIT DIMENSIONS
