

Split System Submittal Data

Concealed Duct Air Conditioner

System: 36PSF1U6 Indoor/Outdoor: S-36PF1U6/U-36PS1U6

Panasonic
ideas for life

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

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



General Data (at 230V)

Power	V/PH/Hz	230/208/1/60
Circuit Ampacity	(A)	15-35 Indoor-Outdoor
Fuse Size, Max.	(A)	15-35 Indoor-Outdoor

Compressor	DC Rotary Inverter
No. used	1
R.L. Amps - L.R.	(A) 16.4-17.5
Crankcase Heater	(W) -

Outdoor Unit	
Fan type	Propeller
Dia. (in.) - No. Speeds	18-7/64-1
Type Drive - No. Speeds	Direct Inverter
No. Poles	(RPM) 8 - 830
No. Motors	(W) 1-90
CFM	(High) 1942
F.L. Amps	(A) 17.3

Coil Type	Aluminum Fin & Copper Pipe
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2-14.1
Face Area	(sq.ft.) 7.26
Tube Size	(in.) 3/8"

Indoor Unit	
Fan type	Centrifugal
Dia. & Length (in.) - No. Speeds	5-29/32-3
No. Speeds	3 & Auto
No. Poles	(RPM, High) 4-940
No. Motors	(W) 1-100
CFM	(Hi/Med/Lo) 1060/920/750
Indoor Sound Rating	(Hi) (dB-A) 38
F.L. Amps	(A) 1.0

Coil Type	Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	3-12.7
Face Area	(sq.ft.) 3.32
Tube Size	(in.) 3/8"
Drain Connection Size	1-17/64

Refrigerant	R410A
Lbs. - R410a (outdoor unit)	6.17
Control	Electric Expansion Valve
Connection	Flare
Line Length, Max	165
Lift Difference, Max	50 (Outdoor lower), 100 (Outdoor higher)
Line Size	(in. O.D. Discharge) 3/8"
Line Size	(in. O.D. Suction) 5/8"

Dimensions	(in.)	H x W x D
Indoor Unit	(Uncrated) 12-7/32 x 58-9/32 x 24-13/16	
	(Crated) 14-3/32 x 65-25/32 x 30-13/16	
Outdoor Unit	(Uncrated) 30-23/32 x 37 x 13-3/8	
	(Crated) 34-31/32 x 39-31/32 x 16-3/32	

Weight	Indoor	Outdoor
Net	(lbs.) 104	143
Shipping	(lbs.) 115	161

Shipping Volume	Indoor	Outdoor
	(cu.ft.) 16.5	13.0

Performance Data @ ARI Standard Conditions (230V)

Cooling	
Total Capacity	(BTU/H) 31,200 (9,500-31,200)
Sensible Capacity	(BTU/H) 19,570
Latent Capacity	(BTU/H) 11,630
SEER	13.9
Dehumidification	(Pints/H) 10.0
Amps	(A) 18.6/20.6
Power Inputs	(W) 3,920/3,920
Outdoor Sound Rating	(dB-A) 52

Dimensions

Feature		Option			
Controls	Microprocessor	Refrigerant Line Set	Available		
Remote Controller	LCD Wired Type, Temp. Sensor Built In	Fresh Air Intake	N/A		
Temperature Control	IC Thermostat	Condensate Drain Pump	Standard		
Timer	72HR, ON/OFF	Wireless Remote Controller	Available		
Night Setback	Built-In	Non-Removeable Remo-con Bracket	Available		
Air Louver	(Horizontal)	Manual			
	(Vertical)	Automatic			
Power Failure Automatic Restart	Built-In	Operating Range			
Self-Diagnosis	Built-In		IndoorAirIntakeTemp. OutdoorAirIntakeTemp.		
Air Filter	Washable, Anti-Mold	Cooling	Maximum	95F DB/71F WB	115F DB
			Minimum	67F DB/57F WB	0F DB

