

Split System Submittal Data



Building Life.

System: 26THW72R Indoor/Outdoor: THW2672R/CH2672R
Ceiling Suspended Heat Pump

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)	15-30 Indoor-Outdoor
Fuse Size, Max.	(A)	15-30 Indoor-Outdoor

Compressor		DC Rotary Inverter
No. used		1
R.L. Amps - L.R.	(A)	12.9-17.5

Outdoor Unit		
Fan type		Propeller
Dia. (in.) - No. Speeds		18-7/64-1
Type Drive - No. Speeds		DC Motor
No. Poles	(RPM)	8 - 800
No. Motors	(W)	1 - 90
CFM	(High)	1765
F.L. Amps	(A)	13.8

		Aluminum Fin & Copper Pipe
Coil Type		Aluminum Fin & Copper Pipe
Fin Type - Pipe Type		Slit Plate - Inner Riffled
Rows - F.P.I.		1-15.9
Face Area	(sq.ft.)	7.26
Tube Size	(in.)	3/8"

Indoor Unit		
Fan type		Centrifugal
Dia. & Length (in.) - No. Speeds		5-1/8 - 4
No. Speeds		3 & Auto
No. Poles	(RPM, High)	4 - 1179
No. Motors	(W)	1 - 31
CFM	(Hi/Med/Lo)	550/490/460
Indoor Sound Rating	(Hi) (dB-A)	39
F.L. Amps	(A)	0.5

		Aluminum Plate Fin & Copper Tube
Coil Type		Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type		Slit Plate - Inner Riffled
Rows - F.P.I.		3 - 14.9
Face Area	(sq.ft.)	1.81
Tube Size	(in.)	9/32"
Drain Connection Size	(in.)	1-1/4"

Refrigerant		R410A
Lbs. - R410a (outdoor unit)		4.19
Control		Electric Expansion Valve
Connection		Flare
Line Length, Max (ft.)		165
Lift Difference, Max (ft.)		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)	7-17/16 x 51-3/16 x 26-3/8
	(Crated)	9-7/16 x 54-19/32 x 31-1/16
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.)	64	128
Shipping	(lbs.)	75	148

Shipping Volume	(cu.ft.)	Indoor	Outdoor
		8.9	13.0

Performance Data @ ARI Standard Conditions (230/208V)

Cooling		
Total Capacity	(BTU/H)	24,400 (9,500-24,400)
Sensible Capacity	(BTU/H)	14,330
Latent Capacity	(BTU/H)	10,070
SEER		14.5
Dehumidification	(Pints/H)	7.7
Amps	(A)	15.6/17.3
Power Inputs	(W)	2,880/2,880
Outdoor Sound Rating	(dB-A)	49

Heating		
Total Capacity	(BTU/H)	30,800 (8,000-30,800)
HSPF		10.3

Dimensions

Heating

Amps	(A)	16.4/18.1
Max. Amps	(A)	16.4/18.1
Power Inputs	(W)	3,000/3,000
Back-up Strip Heater	(KW)	0.00/0.00
Outdoor Sounds Rating	(dB-A)	49

Features

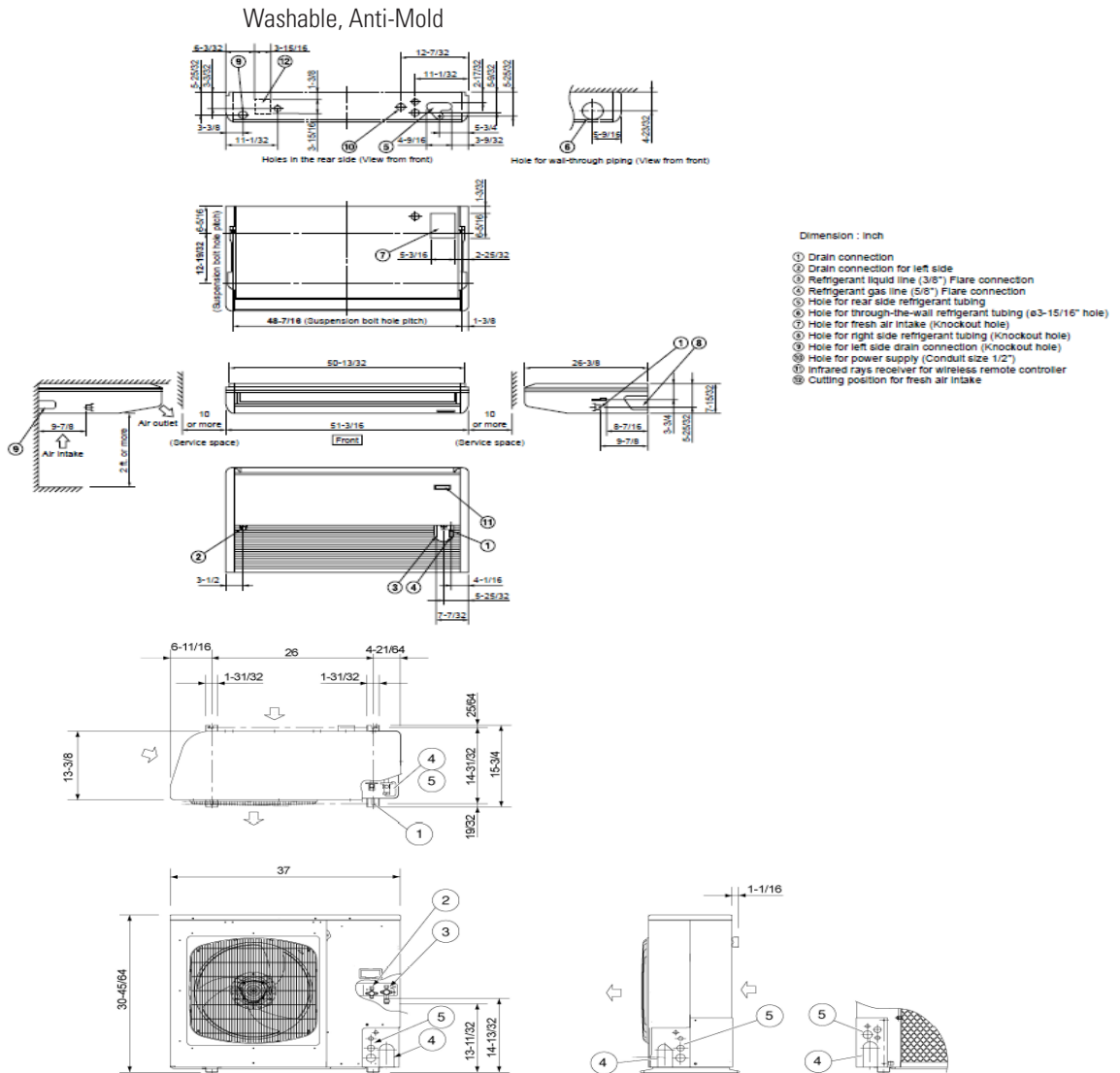
Controls	Microprocessor
Remote Controller	LCD Wired Type, Temp. Sensor Built In
Temperature Control	IC Thermostat
Timer	72 Hr. ON/OFF
Night Setback	Built-In
Air Louver	Manual
	(Horizontal)
	(Vertical)
Power Failure Automatic Restart	Built-In
Heating/Cooling Automatic Changeover	Built-In
Self-Diagnosis	Built-In
Air Filter	Washable, Anti-Mold

Options

Refrigerant Line Set	Available
Fresh Air Intake	Knock-out
Air duct Extension	N/A
Indoor Frame Extension	N/A
Condensate Drain Pump	Available
Non-Removeable Remo-con Bracket	Available

Operating Range

	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling		
Maximum	95F DB/71F WB	115F DB
Minimum	67F DB/57F WB	0F DB
Heating		
Maximum	80F DB/67F WB	75F DB/65F WB
Minimum	-DB/-WB	5F DB



①	Hole for anchor bolt (4-R6.5) / Anchor bolt: M10
②	Refrigerant tube joint (liquid line tube) • Flare connection 3/8 in (9.52 mm)
③	Refrigerant tube joint (gas line tube) • Flare connection 5/8 in (15.88 mm)
④	Refrigerant tubing inlet (knock-out hole)
⑤	Power supply inlet (knock-out hole) ø38, ø29, ø19, ø16 mm



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