

Split System Submittal Data



Building Life.

System: 18KHS72 Indoor/Outdoor: KHS1872/CH1872
Wall Mounted Heat Pump

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

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



General Data (at 230/208V)

Power	V/PH/Hz	230/208/1/60
Circuit Ampacity	(A)	20
Fuse Size, Max.	(A)	20

Compressor	DC Rotary Inverter
No. used	1
R.L. Amps - L.R.	(A) 6.25/6.94 / 6.65/7.35-17.5

Outdoor Unit	
Fan type	Propeller
Dia. (in.) - No. Speeds	16-17/32-1
Type Drive - No. Speeds	Direct - 3
No. Poles (RPM)	8-820/850
No. Motors (W)	40-1
CFM (High)	524
F.L. Amps (A)	0.5

Coil Type	Aluminum Fin & Copper Pipe
Fin Type - Pipe Type	Corrugated Plate - Inner Rifled
Rows - F.P.I.	2-18.1
Face Area (sq.ft.)	6.4
Tube Size (in.)	9/32"

Indoor Unit	
Fan type	Cross Flow
Dia. & Length (in.) - No. Speeds	3-11/16 33-9/32-1
No. Speeds	3 & Auto
No. Poles (RPM, High)	8-850/850
No. Motors (W)	30-1
CFM (Hi/Med/Lo)	523/470/417 (Cooling)
Indoor Sound Rating (Hi) (dB-A)	42
F.L. Amps (A)	0.3

Coil Type	Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2-19.5
Face Area (sq.ft.)	3.07
Tube Size (in.)	9/32"
Drain Connection Size (in.)	23/32"

Refrigerant	R410A
Lbs. - R410a (outdoor unit)	2.87
Control	Electric Expansion Valve
Connection	Flare
Line Length, Max (ft.)	100
Lift Difference, Max (ft.)	50
Line Size (in. O.D. Discharge)	1/4"
Line Size (in. O.D. Suction)	1/2"

Dimensions (in.)	H x W x D
Indoor Unit (Uncrated)	11-23/32 x 41-15/16 x 8-19/32
(Crated)	11-3/8 x 44-7/8 x 14-29/32
Outdoor Unit (Uncrated)	26-3/8 x 34-21/32 x 11-7/32
(Crated)	29-1/8 x 39-27/32 x 14-31/32

Weight	Indoor	Outdoor
Net (lbs.)	26.5	97.0
Shipping (lbs.)	33.1	105.8
Shipping Volume (cu.ft.)	Indoor 4.24	Outdoor 9.89

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

Cooling	
Total Capacity (BTU/H)	17,600 (4,000-17,700)
Sensible Capacity (BTU/H)	13,200
Latent Capacity (BTU/H)	4,400
SEER	20
Dehumidification (Pints/H)	4.89
Amps (A)	7/7.77
Power Inputs (W)	1,500/1,500 (250-1,500)
Outdoor Sound Rating (dB-A)	51

Heating	
Total Capacity (BTU/H)	20,500 (4,400-20,500)
HSPF	10

➔➔➔ Dimensions

Heating

Amps	(A)	7.4/8.1 (1.3-8.1)
Max. Amps		-
Power Inputs	(W)	1,575/1,575 (270-1,575)
Back-up Strip Heater	(KW)	0.00/0.00
Outdoor Sounds Rating	(dB-A)	52

Features

Controls		Microprocessor
Remote Controller	LCD Wireless Type, Temp. Sensor Built In	
Temperature Control		IC Thermostat
Timer		24 Hr. Program; 1HR Off
Night Setback		Built-In
Air Louver	(Horizontal)	Manual
	(Vertical)	Automatic
Power Failure Automatic Restart		Built-In
Heating/Cooling Automatic Changeover		Built-In
Self-Diagnosis		Built-In
Quiet Operation		Built-In
Ion Generator		Built-In
Air Clean Apatite Filter		Standard
Air Filter		Washable, Anti-Mold

Options

Refrigerant Line Set	Available
Fresh Air Intake	N/A
Air duct Extension	N/A
Condensate Drain Pump	Available
Hard Wired Remote Controller	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	0F DB

