

Split System Submittal Data



Building Life.

System: 30KHS82 Indoor/Outdoor: KHS3082/CH3082
Wall Mounted 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)	16.5-18.0
Fuse Size, Max.	(A)	35

Compressor		DC Rotary Inverter
No. used		1
R.L. Amps - L.R.	(A)	16.5-31.0

Outdoor Unit		
Fan type		Propeller
Dia. (in.) - No. Speeds		19-9/32-1
Type Drive		DC Motor
No. Poles	(RPM)	8 - 750
No. Motors	(W)	1 - 142
CFM	(High)	2060
F.L. Amps	(A)	17.6/16.1

		Aluminum Fin & Copper Pipe
Coil Type		Aluminum Fin & Copper Pipe
Fin Type - Pipe Type		Slit Plate - Inner Rifled
Rows - F.P.I.		2-21.2
Face Area	(sq.ft.)	8.05
Tube Size	(in.)	3/8"

Indoor Unit		
Fan type		Cross Flow
Dia. & Length (in.) - No. Speeds		3 - 15/16 L32
No. Speeds		3
No. Poles	(RPM, High)	8 - 1370
No. Motors	(W)	47
CFM	(Hi/Med/Lo)	630/530/412
Indoor Sound Rating	(Hi) (dB-A)	49
F.L. Amps	(A)	0.4

		Aluminum Plate Fin & Copper Tube
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.)	4.55
Tube Size	(in.)	3/8"
Drain Connection Size	(in.)	1-1/4"

Refrigerant		R410A
Lbs. - R410a (outdoor unit)		6.5
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)	11-3/16 x 41-15/16 x 9-1/16
	(Crated)	12-7/32 x 44-7/8 x 14-31/32
Outdoor Unit	(Uncrated)	35-13/16 x 37-1/32 x 13-3/8
	(Crated)	42-3/8 x 40 x 16-3/8

Weight		Indoor	Outdoor
Net	(lbs.)	32.0	185.2
Shipping	(lbs.)	39.7	207.2
Shipping Volume	(cu.ft.)	4.59	15.88

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

Cooling		
Total Capacity	(BTU/H)	30,600 (10,900-30,600)
Sensible Capacity	(BTU/H)	18,600
Latent Capacity	(BTU/H)	12,000
SEER		16
Dehumidification	(Pints/H)	9.57
Amps	(A)	18-16.5
Power Inputs	(W)	3,290
Outdoor Sound Rating	(dB-A)	55

Heating		
Total Capacity	(BTU/H)	33,000 (14,000-33,000)
HSPF		9.0

➔➔➔ Dimensions

Heating

Amps	(A)	15.3/16.8
Max. Amps	(A)	15.3/16.8
Power Inputs	(W)	3,070/3,070
Outdoor Sounds Rating	(dB-A)	55

Options

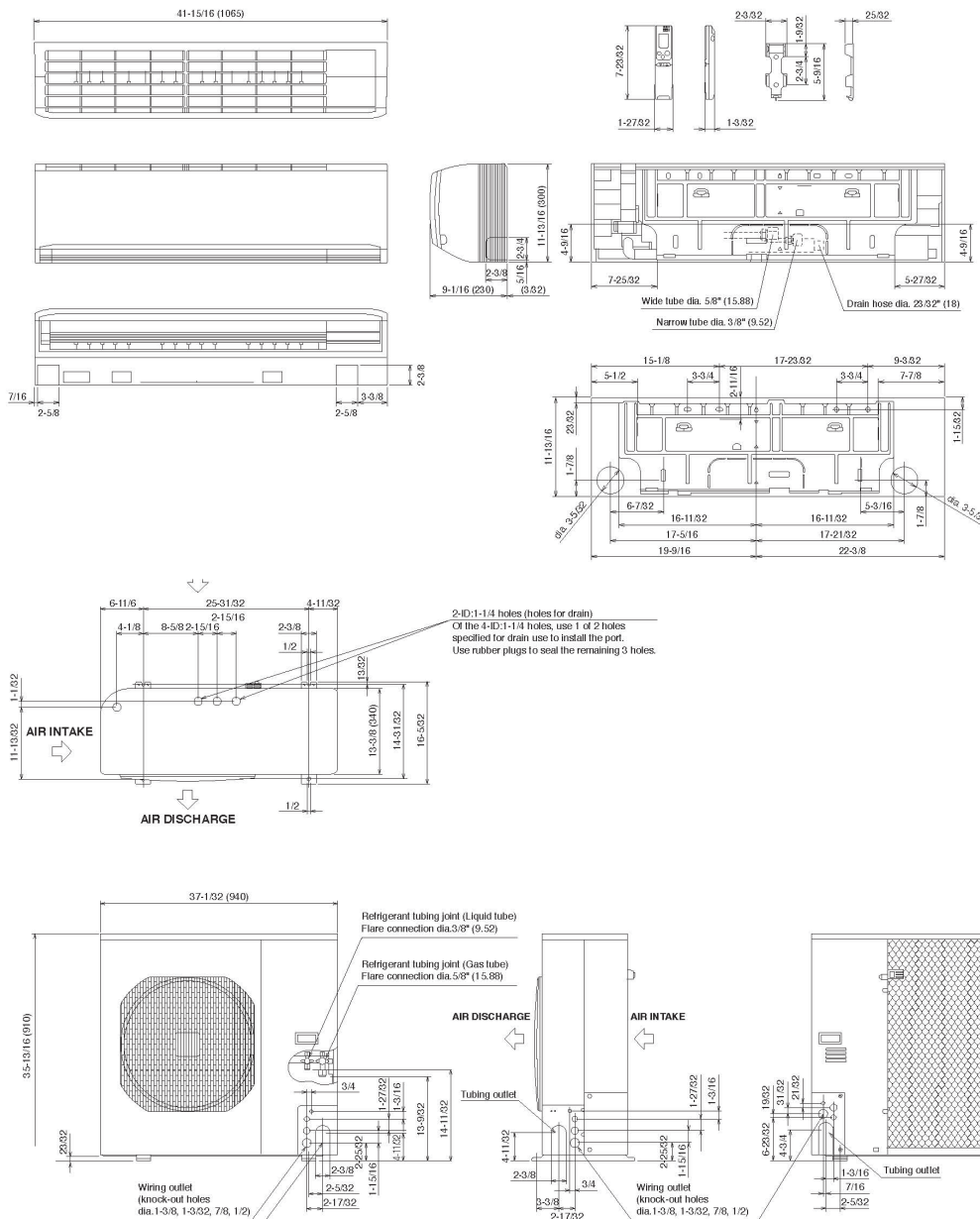
Refrigerant Line Set	Available
Fresh Air Intake	N/A
Air duct Extension	N/A
Indoor Frame Extension	N/A
Condensate Drain Pump	Available
Non-Removeable Remo-con Bracket	Available

Features

Controls	Microprocessor
Remote Controller	LCD Wireless Type, Temp. Sensor Built In
Temperature Control	IC Thermostat
Timer	24 Hr. Program
Night Setback	Built-In
Air Louver	Manual
	Automatic
Power Failure Automatic Restart	Built-In
Heating/Cooling Automatic Changeover	Built-In
Self-Diagnosis	Built-In
Air Filter	

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 WB



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