

SUBMITTAL SHEET



SYSTEM INDOOR/OUTDOOR
24KHS72 KHS2472/CH2472
 WALL MOUNTED HEAT PUMP

General Data (AT 230/208V)

POWER	(V/PH/Hz)	230/208 / 1 / 60
Circuit Ampacity, Min.	(A)	20
Fuse Size, Max.	(A)	20
COMPRESSOR		DC Rotary
No. used		1
R.L. Amps - L.R. Amps	(A)	9.6/10.9 / 10.8/12.3 - 1
Crankcase Heater	(W)	20

OUTDOOR UNIT

Fan - Type		Propeller
Dia. (in.) - No. used		18-1/8 - 1
Type Drive - No. speeds		Direct-3
No. Poles	(RPM)	8 - 820 / 850
No. Motors	(W)	60 - 1
CFM	(High)	600
F.L. Amps.	(A)	0.7
Coil - Type		Aluminum Fin & Copper Pipe
Fin Type - Pipe Type		Corrugated Plate - Inner Riffled
Rows - F.P.I.		2 - 18.1
Face Area	(sq. ft.)	6.4
Tube Size	(in)	3/8"

INDOOR UNIT

Fan - Type		Cross Flow
Dia. & Length (in) - No. used		3-11/16 33-9/32 - 1
No. Speeds		3 & Auto
No. Poles	(RPM, High)	8 - 850 / 850
No. Motors	(W)	35 - 1
CFM	(Hi/Me/Lo)	600/541/482 (Cooling)
F.L. Amps	(A)	0.5
Coil - Type		Aluminum Fin & Copper Pipe
Fin Type - Pipe Type		Slit Plate - Inner Riffled
Rows - F.P.I.		2 - 19.5
Face Area	(sq. ft.)	3.07
Tube Size	(inch)	9/32"
Drain Connection Size	(in.)	23/32"

REFRIGERANT

		R410A
Lbs. - R410A (outdoor unit)		4.30
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)	5/8"

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	29-1/8	x	35-7/16	x	12-19/32
	Crated	33-27/32	x	40-5/8	x	16-1/4

WEIGHT

		Indoor	Outdoor
Net	(lbs.)	26.5	130.1
Shipping	(lbs.)	33.1	138.9

SHIPPING VOLUME

		Indoor	Outdoor
	(cu.ft.)	4.24	12.71

Performance Data @ ARI Standard Conditions (23°)

COOLING

Total Capacity	(BTU/H)	24,200 (4,100 - 24,200)
Sensible Capacity	(BTU/H)	14,800
Latent Capacity	(BTU/H)	9,400
SEER		17
Dehumidication	(Pints/H)	4.89
Amps	(A)	10.8 / 12.1 (1.3 - 12)
Power Inputs	(W)	2,355 / 2,355 (280 - 280)
Outdoor Sound Rating	(bels)	55

HEATING

Total Capacity	(BTU/H)	29,000 (4,400 - 29,000)
HSPF		7.7
Amps	(A)	12 / 13.5 (1.3 - 13.5)
Power Inputs	(W)	2,490 / 2,490 (290 - 290)
Back-up Strip Heater	(kW)	
Outdoor Sound Rating	(bels)	56

FEATURE

Controls	Microprocessor
Remote Controller	LCD Wireless Type
	Temperature Sens
Temperature Control	IC Thermostat
Timer	24 Hr. Program, 1 H
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	Equipped
Air Clean Apatite Filter	Standard

OPTION

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

OPERATING RANGE

		Indoor Air Intake Temp.
Cooling	Maximum	95F DB / 71F WB
	Minimum	67F DB / 57F WB
Heating	Maximum	80 F DB / 67 F WB
	Minimum	- DB / - WB

CERTIFICATION

