

SUBMITTAL SHEET



AIRCONDITIONING PRODUCTS

SYSTEM INDOOR/OUTDOOR

18KHS72 KHS1872/CH1872

WALL MOUNTED HEAT PUMP

General Data (AT 230/208V)				Performance Data @ ARI Standard Conditions (230/208V)			
POWER				COOLING			
	(V/PH/HZ)	230/208 / 1 / 60		Total Capacity	(BTU/H)	17,600 (4,100 - 17,700)	
Circuit Ampacity, Min.	(A)	20		Sensible Capacity	(BTU/H)	13,200	
Fuse Size, Max.	(A)	20		Latent Capacity	(BTU/H)	4,400	
COMPRESSOR				SEER			
		DC Rotary				16	
No. used		1		Dehumidication	(Pints/H)	4.89	
R.L. Amps - L.R. Amps	(A)	6.25/6.95 / 6.65/7.35 - 17.5		Amps	(A)	7 / 7.7	
Crankcase Heater	(W)	20		Power Inputs	(W)	1,500 / 1,500 (250 - 1,500)	
OUTDOOR UNIT				Outdoor Sound Rating			
					(bels)	51	
Fan - Type		Propeller		HEATING			
Dia. (in.) - No. used		16-17/32 - 1		Total Capacity	(BTU/H)	20,500 (4,400 - 20,500)	
Type Drive - No. speeds		Direct-3		HSPF		7.7	
No. Poles	(RPM)	8 - 820 / 850		Amps	(A)	7.4 / 8.1 (1.3 - 8.1)	
No. Motors	(W)	40 - 1		Power Inputs	(W)	1,575 / 1,575 (270 - 1,575)	
CFM	(High)	524		Back-up Strip Heater	(kW)		
F.L. Amps	(A)	0.5		Outdoor Sound Rating	(bels)	52	
Coil - Type		Aluminum Fin & Copper Pipe		FEATURE			
Fin Type - Pipe Type		Corrugated Plate - Inner Riffled		Controls		Microprocessor	
Rows - F.P.I.				Remote Controller		LCD Wireless Type	
Face Area	(sq. ft.)			Temperature Control		Temperature Sensor Built-in	
Tube Size	(in)	9/32"		Timer		IC Thermostat	
INDOOR UNIT				Night Setback		Built-in	
Fan - Type		Cross Flow		Air Louver	(Horizontal)	Manual	
Dia. & Length (in) - No. used		3-11/16 33-9/32 - 1			(Vertical)	Automatic	
No. Speeds		3 & Auto		Power Failure Automatic Restart		Built-in	
No. Poles	(RPM, High)	8 - 850 / 850		Heating/Cooling Automatic Changeover		Built-in	
No. Motors	(W)	30 - 1		Self-Diagnosis		Built-in	
CFM	(Hi/Me/Lo)	523/470/417 (Cooling)		Quiet Operation		Built-in	
F.L. Amps	(A)	0.3		Ion Generator		Equipped	
Coil - Type		Aluminum Fin & Copper Pipe		Air Clean Apatite Filter		Standard	
Fin Type - Pipe Type		Slit Plate - Inner Riffled		OPTION			
Rows - F.P.I.				Refrigerant Line Set			
Face Area	(sq. ft.)			Fresh Air Intake		N/A	
Tube Size	(inch)	9/32"		Air duct Extension		N/A	
Drain Connection Size	(in.)	23/32"		Indoor Frame Extension		N/A	
REFRIGERANT				Condensate Drain Pump		N/A	
		R410A		Non-Removable Remo-con Bracket		N/A	
Lbs. - R410A (outdoor unit)		2.87		OPERATING RANGE			
Control		Electric Expansion Valve				Indoor Air	Outdoor Air
Connection		Flare				Intake Temp.	Intake Temp.
Line Length, Max	(ft.)	100		Cooling	Maximum	95F DB / 71F WB	115F DB
Lift Difference, Max	(ft.)	50			Minimum	67F DB / 57F WB	67F DB
Line Size	(in., O.D. Discharge)	1/4"		Heating	Maximum	80 F DB / 67 F WB	75 F DB / 65 F WB
Line Size	(in., O.D. Suction)	1/2"			Minimum	- DB / - WB	0F DB
DIMENSIONS				CERTIFICATION			
	(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				SAFETY			
		Indoor		Outdoor			
Net	(lbs.)	26.5		97.0			
Shipping	(lbs.)	33.1		105.8			
SHIPPING VOLUME				UL			
	(cu.ft.)	Indoor		Outdoor			
		4.24		9.89			

