

SUBMITTAL SHEET



AIRCONDITIONING PRODUCTS

SYSTEM INDOOR/OUTDOOR

24KS72 **KS2472/C2472**

WALL MOUNTED AIR CONDITIONER

General Data (AT 230/208V)				Performance Data @ ARI Standard Conditions (230/208V)			
POWER				COOLING			
Circuit Ampacity, Min.	(V/PH/Hz)	230/208 / 1 / 60		Total Capacity	(BTU/H)	24,200 (4,100 - 24,200)	
Fuse Size, Max.	(A)	20		Sensible Capacity	(BTU/H)	14,800	
	(A)	20		Latent Capacity	(BTU/H)	9,400	
COMPRESSOR				SEER			
		DC Rotary		SEER		16	
No. used		1		Dehumidification	(Pints/H)	4.89	
R.L. Amps - L.R. Amps	(A)	9.6/10.9 - 17.5		Amps	(A)	10.8 / 12.1 (1.3 - 12.1)	
Crankcase Heater	(W)	-		Power Inputs	(W)	2,355 / 2,355 (280 - 2,355)	
OUTDOOR UNIT				Outdoor Sound Rating			
					(bels)	55	
Fan- Type		Propeller		HEATING			
Dia. (in.) - No. used		18-1/8 - 1		Total Capacity	(BTU/H)	-	
Type Drive - No. speeds		Direct-3		HSPF		-	
No. Poles	(RPM)	8 - 850		Amps	(A)	-	
No. Motors	(W)	60 - 1		Power Inputs	(W)	-	
CFM	(High)	600		Back-up Strip Heater	(kW)	-	
F.L. Amps	(A)	0.7		Outdoor Sound Rating	(bels)	-	
Coil - Type		Aluminum Fin & Copper Pipe		FEATURE			
Fin Type - Pipe Type		Corrugated Plate - Inner Riffled		Controls		Microprocessor	
Rows - F.P.I.		2 - 18.1		Remote Controller		LCD Wireless Type	
Face Area	(sq. ft.)	6.4		Temperature Control		Temperature Sensor Built-in	
Tube Size	(in)	3/8"		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 - 1,500		Heating/Cooling Automatic Changeover		-	
No. Motors	(W)	35 - 1		Self-Diagnosis		Built-in	
CFM	(Hi/Me/Lo)	600/541/482		Quiet Operation		Built-in	
F.L. Amps	(A)	0.5		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.		2 - 19.5		Refrigerant Line Set			
Face Area	(sq. ft.)	3.07					
Tube Size	(inch)	9/32"		Fresh Air Intake		N/A	
Drain Connection Size	(in.)	23/32"		Air duct Extension		N/A	
REFRIGERANT				Indoor Frame Extension		N/A	
		R410A		Condensate Drain Pumpm		N/A	
Lbs. - R410A (outdoor unit)		4.30		Non-Removable Remo-con Bracket		N/A	
Control		Electric Expansion Valve		OPERATING RANGE			
Connection		Flare				Indoor Air	Outdoor Air
Line Length, Max	(ft.)	100				<u>Intake Temp.</u>	<u>Intake Temp.</u>
Lift Difference, Max	(ft.)	50		Cooling	Maximum	95F DB / 71F WB	115F DB
Line Size	(in., O.D. Discharge)	1/4"			Minimum	67F DB / 57F WB	67F DB
Line Size	(in., O.D. Suction)	5/8"		CERTIFICATION			
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			

