

Wall Mounted Air Conditioners & Heat Pumps

9,000-24,000 BTU/H 16-20 SEER



utilizing DC Inverter Technology

SANYO wall mounted air conditioners and heat pumps offer the utmost in versatility in solving your cooling and heating needs. By utilizing environmentally friendly R-410a refrigerant and DC Inverter technology, the SANYO air conditioner or heat pump, automatically adjusts its performance to meet the changing needs of the space while maintaining the desired temperature. This leads to increased efficiencies, low energy consumption and a very comfortable environment.

Features

- Microprocessor Controlled Operation
- Wireless Remote Control Operation
- Dry Mode
- Air Sweep Control
- Automatic Fan Operation/3 Fan Speeds
- Automatic Heating/Cooling Changeover
- Electronic Refrigerant Control Valve
- 1 Hour Off Timer
- 24 Hour Programmable Clock
- Night Set Back Capability
- High Power Mode
- Quiet Mode
- Air Clean Apatite Filter
- Negative Ion Generator
- Anti Mold Filter
- Hot Start Heating System
- Automatic Restart in the Advent of a Power Failure
- Self Diagnostic Function

Optional Accessories

- Insulated Line Sets
- Outdoor Unit Wall Mounting Brackets
- Locking Wireless Remote Bracket
- Mini In Line Condensate Pumps
- Wired Remote Controller
- Wind Baffle



Wall Mounted Air Conditioners

Model No.	09KS71 / 09KLS71		12KS71 / 12KLS71		18KS72 / 18KLS72		24KS72 / 24KLS72		
	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	
Unit Model No.	KS0971	CO971 / CL0971	KS1271	CL1271 / CL1271	KS1872	CL1872 / CL1872	KS2472	CL2472 / CL2472	
Performance & Electrical Ratings									
Capacity	Cooling	Btu/h	9,000 (3,000-9,000)		11,900 (3,000-11,900)		17,500 (4,000-17,500)		24,200 (4,000-24,200)
	Heating	Btu/h	---		---		---		---
Moisture Removal	High	Pints/H	3.4		4.26		4.89		4.89
	Low	Pints/H	---		---		---		---
Dry Air Flow	Hi / Med / Low	CFM	282 / 247 / 209		294 / 259 / 212		524 / 476 / 417		600 / 541 / 482
	Cooling	CFM	16		17		20		17
SEER	Cooling		---		---		---		---
	Heating		---		---		---		---
HSPF	Heating		---		---		---		---
	Cooling		12		10.9		11.7		8.8
Power Supply	V, Phase, Hz		115V, 1PH, 60Hz		115V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz
	Running Amps	A	7.6 (2.5-7.6)		10.9 (2.5-10.9)		7 / 7.7 (1.2-7.7)		10.8 / 12.1 (1.3-12.1)
Power Input	Cooling	W	755 (250-755)		1,090 (250-1,090)		1,500 / 1,500 (250-1,500)		2,355 / 2,355 (280-2,355)
	Heating	W	---		---		---		---
Back-up Heater	kW		---		---		---		---
	Fuse or Circuit Breaker Capacity	A	20		20		20		20
Features									
Controls	Microprocessor		Microprocessor		Microprocessor		Microprocessor		
Low Ambient Control	09KLS71 Equip.		12KLS71 Equip.		18KLS71 Equip.		24KLS71 Equip.		
Wireless Remote Controller	Included		Included		Included		Included		
Fan Speeds	Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		
Timer	1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		
Air Deflection	Horizontal	Manual	Manual		Manual		Manual		
	Vertical	Automatic	Automatic		Automatic		Automatic		
Air Filter	Washable + Apatite R-410A		Washable + Apatite R-410A		Washable + Apatite R-410A		Washable + Apatite R-410A		
Refrigerant	R-410A		R-410A		R-410A		R-410A		
Refrigerant control	Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve Control		
Operation Sound	In(Hi) / Me / Lo / Qt) dB-A		34 / 31 / 28 / 23		36 / 33 / 29 / 25		42 / 38 / 30 / 28		47 / 44 / 41 / 30
	Outdoor(Hi) dB-A		46		47		51		55
Refrigerant Piping	Type		Flare Type		Flare Type		Flare Type		Flare Type
	Discharge	inches	1/4" Discharge		1/4" Discharge		1/4" Discharge		1/4" Discharge
	Suction	inches	3/8" Suction		3/8" Suction		1/2" Suction		5/8" Suction
Refrigerant Pipe Length	Fl.		Max. 50ft		Max. 65ft		Max. 98ft		Max. 131ft
Elevation Difference**	Outdoor Above	Fl.	Max. 23ft		Max. 23ft		Max. 50ft		Max. 50ft
	Outdoor Below	Fl.	Max. 23ft		Max. 23ft		Max. 50ft		Max. 50ft
Dimensions & Weight									
Height	inches		11-7/32" 21-9/16"		11-7/32" 21-9/16"		11-23/32" 26-3/8"		11-23/32" 29-1/8"
	inches		32-15/32" 28-11/32"		32-15/32" 28-11/32"		41-15/16" 34-21/32"		41-15/16" 35-7/16"
Width	inches		32-15/32" 28-11/32"		32-15/32" 28-11/32"		41-15/16" 34-21/32"		41-15/16" 35-7/16"
	inches		7-7/16" 10-7/16"		7-7/16" 10-7/16"		8-19/32" 11-7/32"		8-19/32" 12-19/32"
Net Weight	Lbs.		19.8 72.8		19.8 75.0		25.5 90.4		26.5 119.0

** This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the back of the catalogue for more detail.)

Wall Mounted Heat Pump

Model No.	09KHS71		12KHS71		18KHS72		24KHS72		
	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	
Unit Model No.	KHS0971	CH0971	KHS1271	CH1271	KHS1872	CH1872	KHS2472	CH2472	
Performance & Electrical Ratings									
Capacity	Cooling	Btu/h	9,000 (3,000-9,000)		11,900 (3,000-11,900)		17,500 (4,000-17,500)		24,200 (4,000-24,200)
	Heating	Btu/h	12,200 (3,000-12,200)		13,300 (3,000-13,300)		20,400 (4,400-20,400)		29,000 (4,400-29,000)
Moisture Removal	High	Pints/H	3.4		4.26		4.89		4.89
	Low	Pints/H	---		---		---		---
Dry Air Flow	Hi / Med / Low	CFM	200 / 247 / 282		212 / 259 / 294		417 / 479 / 524		482 / 541 / 600
	Cooling	CFM	16		17		20		17
SEER	Cooling		---		---		---		---
	Heating		8.5		9.3		10		8.5
EER	Cooling		12.5		10.9		11.7		10.3
	Heating		---		---		---		---
Power Supply	V, Phase, Hz		115V, 1PH, 60Hz		115V, 1PH, 60Hz		230V / 208V, 1PH, 60Hz		230V / 208V, 1PH, 60Hz
	Running Amps	A	7.6 (2.5-7.6)		10.9 (2.5-10.9)		7 / 7.7 (1.2-7.7)		10.8 / 12.1 (1.3-12.1)
Power Input	Cooling	W	755 (250-755)		1,090 (250-1,090)		1,500 / 1,500 (250-1,500)		2,355 / 2,355 (280-2,355)
	Heating	W	995 (250-995)		1,165 (250-1,165)		1,575 / 1,575 (270-1,575)		2,490 / 2,490 (280-2,490)
Back-up Heater	kW		---		---		---		---
	Fuse or Circuit Breaker Capacity	A	20		20		20		20
Features									
Controls	Microprocessor		Microprocessor		Microprocessor		Microprocessor		
Low Ambient Control	Included		Included		Included		Included		
Wireless Remote Controller	Included		Included		Included		Included		
Fan Speeds	Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		
Timer	1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		
Air Deflection	Horizontal	Manual	Manual		Manual		Manual		
	Vertical	Automatic	Automatic		Automatic		Automatic		
Air Filter	Washable		Washable		Washable		Washable		
Refrigerant	R-410A		R-410A		R-410A		R-410A		
Refrigerant control	Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		
Operation Sound	In(Hi) / Me / Lo / Qt) dB-A		34 / 31 / 28 / 23		36 / 33 / 29 / 25		42 / 38 / 30 / 28		47 / 44 / 41 / 30
	Outdoor(Hi) dB-A		46		47		51		55
Refrigerant Piping	Type		Flare Type		Flare Type		Flare Type		Flare Type
	Discharge	inches	1/4" Discharge		1/4" Discharge		1/4" Discharge		1/4" Discharge
	Suction	inches	3/8" Suction		3/8" Suction		1/2" Suction		5/8" Suction
Refrigerant Pipe Length	Fl.		Max. 50ft		Max. 65ft		Max. 98ft		Max. 131ft
Elevation Difference**	Outdoor Above	Fl.	Max. 23ft		Max. 23ft		Max. 50ft		Max. 50ft
	Outdoor Below	Fl.	Max. 23ft		Max. 23ft		Max. 50ft		Max. 50ft
Dimensions & Weight									
Height	inches		11-7/32" 21-9/16"		11-7/32" 21-9/16"		11-23/32" 26-3/8"		11-23/32" 29-1/8"
	inches		32-15/32" 28-11/32"		32-15/32" 28-11/32"		41-15/16" 34-21/32"		41-15/16" 35-7/16"
Width	inches		32-15/32" 28-11/32"		32-15/32" 28-11/32"		41-15/16" 34-21/32"		41-15/16" 35-7/16"
	inches		7-7/16" 10-7/16"		7-7/16" 10-7/16"		8-19/32" 11-7/32"		8-19/32" 12-19/32"
Net Weight	Lbs.		19.8 75.0		19.8 77.2		25.5 97.0		26.5 130.1

** This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the back of the catalogue.)



SANYO

Sanyo Commercial Solutions
A Division of SANYO North America
1062 Thorndale Avenue
Bensenville, IL 60106 USA
www.sanyohvac.com