

Ceiling-Recessed Air Conditioner & Heat Pump

12,000-18,000 BTU/H 16 SEER/8.5 HSPF



utilizing DC Inverter Technology

SANYO ceiling recessed 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 Controller
- 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
- Anti Mold Filter
- Hot Start Heating System
- Automatic Restart in the Advent of a Power Failure
- Self Diagnostic Function
- Built In 0°F Low Ambient Control (CL and CH Models)
- Integrated Condensation Drain Pump (Up to 20" of Lift From Drain Pan)
- Whisper Quiet Operation
- Fresh Air Capability

Optional Accessories

- Insulated Line Sets
- Locking Wireless Remote Bracket
- Mini In Line Condensate Pumps
- Wired Remote Control

Ceiling Recessed Air Conditioners & Heat Pumps

Model No.	12XS71		12XLS71		12XHS71	
	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Unit Model No.	XS1271	C1271	XS1271	CL1271	XHS1271	CH1271
Grille Assembly	PNR-XS1872		PNR-XS1872		PNR-XS1872	
Performance & Electrical Ratings						
Capacity	Cooling	Btu/h	11900		11900	
	Heating	Btu/h	-		13600	
Moisture Removal	High	Pint/H	4.26		4.26	
Dry Air Flow	Hi/Med/Low	CFM	235/206/194		235/206/194	
SEER	Cooling	btu/Wh	16		16	
HSPF	Heating	btu/Wh	8.5		8.5	
EER	Cooling	btu/Wh	9.44		9.44	
COP	Heating	W/W	-		2.74	
Power Supply	V,Phase,HZ		115V, Single phase, 60Hz		115V, Single phase, 60Hz	
Running Amps	Cooling	A	12.6 (2.5-12.6)		12.6 (2.5-12.6)	
	Heating	A	-		14.6 (2.5-14.6)	
Power Input	Cooling	W	1,260 (250-1,260)		1,260 (250-1,260)	
	Heating	W	-		1,460 (250-1,460)	
Back-up Heater		kW	n/a		n/a	
Fuse or Circuit Breaker Capacity		A	20		20	
Features						
Controls	Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control (for Cooling)	N/A		Equipped		Equipped	
Wireless Remote Controller	Included		Included		Included	
Wired Remote Controller	STK-RCS-7TWSU(optional)		STK-RCS-7TWSU(optional)		STK-RCS-7TWSU(optional)	
Fan Speeds	Hi/Me/Lo & Auto		Hi/Me/Lo & Auto		Hi/Me/Lo & Auto	
Timer	1 hr OFF and 24-hr PROGRAM		1 hr OFF and 24-hr PROGRAM		1 hr OFF and 24-hr PROGRAM	
Air Deflection	Horizontal		n/a		n/a	
	Vertical		Automatic		Microprocessor	
Air Filter	Washable, Anti-Mold		Washable, Anti-Mold		Washable, Anti-Mold	
Refrigerant	R410a		R410a		R410a	
Refrigerant Control	Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound (Cooling)	In (Hi/Me/Lo)	dB-A	34/32/31		34/32/31	
Operation Sound (Heating)			-		35/34/32	
Refrigerant Piping	Type		Flare Type		Flare Type	
	Discharge	inches	1/4" Discharge		1/4" Discharge	
	Suction	inches	3/8" Suction		3/8" Suction	
Refrigerant Pipe Length		Ft.	65'		65'	
Elevation Difference	Outdoor Above		23'		23'	
	Outdoor Below	Ft.	23'		23'	
Dimensions & Weight						
Height		inches	12 5/16"	21 9/16"	12 5/16"	21 9/16"
Width		inches	24 19/32"	28 11/32"	24 19/32"	28 11/32"
Depth		inches	24 19/32"	10 7/16"	24 19/32"	10 7/16"
		Lbs.	41.3	75	41.3	77.2

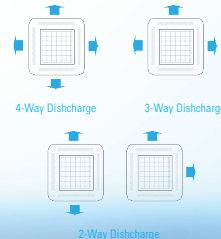
Model No.	18XS72		18XLS72		18XHS72	
	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Unit Model No.	XS1872	C1872	XS1872	CL1872	XHS1872	CH1872
Grille Assembly	PNR-XS1872		PNR-XS1872		PNR-XS1872	
Performance & Electrical Ratings						
Capacity	Cooling	Btu/h	17500		17500	
	Heating	Btu/h	-		20400	
Moisture Removal	High	Pint/H	4.89		4.89	
Dry Air Flow	Hi/Med/Low	CFM	341/294/253		341/294/253	
SEER	Cooling	btu/Wh	16		16	
HSPF	Heating	btu/Wh	8.5		8.5	
EER	Cooling	btu/Wh	9.41		9.41	
COP	Heating	W/W	-		2.56	
Power Supply	V,Phase,HZ		230V, Single phase, 60Hz		230V, Single phase, 60Hz	
Running Amps	Cooling	A	8.3 (1.2-8.3)		8.3 (1.2-8.3)	
	Heating	A	-		10.5 (1.3-10.5)	
Power Input	Cooling	W	1,860 (250-1,860)		1,860 (250-1,860)	
	Heating	W	-		2,340 (270-2,340)	
Back-up Heater		kW	n/a		n/a	
Fuse or Circuit Breaker Capacity		A	20		20	
Features						
Controls	Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control (for Cooling)	N/A		Equipped		Equipped	
Wireless Remote Controller	Included		Included		Included	
Wired Remote Controller	STK-RCS-7TWSU(optional)		STK-RCS-7TWSU(optional)		STK-RCS-7TWSU(optional)	
Fan Speeds	Hi/Me/Lo & Auto		Hi/Me/Lo & Auto		Hi/Me/Lo & Auto	
Timer	1 hr OFF and 24-hr PROGRAM		1 hr OFF and 24-hr PROGRAM		1 hr OFF and 24-hr PROGRAM	
Air Deflection	Horizontal		n/a		n/a	
	Vertical		Automatic		Automatic	
Air Filter	Washable, Anti-Mold		Washable, Anti-Mold		Washable, Anti-Mold	
Refrigerant	R410a		R410a		R410a	
Refrigerant Control	Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound (Cooling)	In (Hi/Me/Lo)	dB-A	44/40/36		44/40/36	
Operation Sound (Heating)			-		44/40/36	
Refrigerant Piping	Type		Flare Type		Flare Type	
	Discharge	inches	1/4" Discharge		1/4" Discharge	
	Suction	inches	1/2" Suction		1/2" Suction	
Refrigerant Pipe Length		Ft.	98'		98'	
Elevation Difference	Outdoor Above		50'		50'	
	Outdoor Below	Ft.	50'		50'	
Dimensions & Weight						
Height		inches	12 5/16"	26 3/8"	12 5/16"	26 3/8"
Width		inches	24 19/32"	34 21/32"	24 19/32"	34 21/32"
Depth		inches	24 19/32"	11 7/32"	24 19/32"	11 7/32"
		Lbs.	41.3	90.4	41.3	97

Specifications



4 Way Airflow Design Sends Cool Air in all Directions

Air is returned through the center of the grille, while evenly distributing air through each of the 4 air supply air openings. Installation in the center of the room provides for the greatest comfort. However, 1 or 2 supply louvers can be closed for installation near 1 wall to provide 3 or 2 way airflow. Also, by closing off 1 supply louver, you may attach a duct (field supply) to the upper plenum and provide conditioned air to another, separate space.



SANYO

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