

# Ceiling-Suspended Air Conditioner & Heat Pump

24,400-39,000 BTU/H 14.5-15.6 SEER



## utilizing DC Inverter Technology

SANYO ceiling suspended 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
- Wired 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
- Extra Long Lineset Lengths (Up to 165')
- Auxiliary Electric Heater (Model 26THHW72R & 36THHW72R only)
- Fresh Air Intake



### Optional Accessories

- Insulated Line Sets
- Locking Wireless Remote Bracket
- Mini In Line Condensate Pumps
- Wireless Remote Control
- System Remote Controller (Capable of Controlling up to 64 Systems)



# Specifications

Ceiling - Suspended Air Conditioners				Ceiling - Suspended Heat Pumps w/ Heater				Ceiling - Suspended Heat Pumps										
Model No.	26TW72R		36TW72R		42TW72R		26THHW72R		36THHW72R		26THW72R		36THW72R		42THW72R			
Unit Model No.	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit		
	THW2672R	C2672R	THW3672R	C3672R	THW4272R	C4272R	THHW2672R	CH2672R	THHW672R	CH3672R	THW2672R	CH2672R	THW3672R	CH3672R	THW4272R	CH4272R		
<b>Performance &amp; Electrical Ratings</b>																		
Capacity	Cooling	Btu/h	24,400 (9,500-24,400)		31,200 (9,500-31,200)		39,000 (9,500-39,000)		24,400 (9,500-24,400)		31,200 (9,500-31,200)		24,400 (9,500-24,400)		31,200 (9,500-31,200)		39,000 (9,500-39,000)	
	Heating	Btu/h	---		---		---		30,800 (8,000-30,800)		37,400 (8,000-37,400)		30,800 (8,000-30,800)		37,400 (8,000-37,400)		44,500 (8,000-44,500)	
Moisture Removal	High	Pints/H	7.7		10.0		12.6		7.7		0.0		7.7		10.0		12.6	
Dry Air Flow	Hi / Med / Low	CFM	550 / 490 / 460		1100 / 930 / 750		1130 / 950 / 775		550 / 490 / 460		1100 / 930 / 750		550 / 490 / 460		1100 / 930 / 750		1130 / 950 / 775	
SEER	Cooling		14.5		15.1		15.6		14.5		15.1		14.5		15.1		15.6	
HSPF	Heating								10.3		9.6		10.3		9.6		10.2	
COP	Heating																	
Power Supply	V, Phase, Hz		230 / 208		230 / 208		230 / 208		230 / 208		230 / 208		230 / 208		230 / 208		230 / 208	
Running Amps	Cooling	A	15.6 / 17.3		18.2 / 20.1		21.1 / 23.3		5.6 / 17.3		18.2 / 20.1		15.6 / 17.3		18.2 / 20.1		21.1 / 23.3	
	Heating	A							16.4 / 18.1		15.6 / 17.3		16.4 / 18.1		15.6 / 17.3		18.6 / 20.6	
Power Input	Cooling	W	2,880 / 2,880		3,840 / 3,840		4,140 / 4,140		2,880 / 2,880		3,840 / 3,840		2,880 / 2,880		3,840 / 3,840		4,140 / 4,140	
	Heating	W							3,000 / 3,000		3,250 / 3,250		3,000 / 3,000		3,250 / 3,250		3,630 / 3,630	
Back-up Heater		kW							1.8 / 1.47		2.4 / 1.95		---		-		-	
Fuse or Circuit Breaker Capacity	A		15 30		15 35		15 40		15 30		15 35		15 30		15 35		15 40	
<b>Features</b>																		
Controls			Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control (for Cooling)			Built-in 0°F		Built-in 0°F		Built-in 0°F		Built-in 0°F		Built-in 0°F		Built-in 0°F		Built-in 0°F		Built-in 0°F	
Wireless Remote Controller (optional)			(RCS-SH80UA-WL, RCS-BH80UA-WL)		(RCS-SH80UA-WL, RCS-BH80UA-WL)		(RCS-SH80UA-WL, RCS-BH80UA-WL)		RCS-SH80UA-WL / RCS-BH80UA-WL		(RCS-SH80UA-WL, RCS-BH80UA-WL)		(RCS-SH80UA-WL, RCS-BH80UA-WL)		(RCS-SH80UA-WL, RCS-BH80UA-WL)		(RCS-SH80UA-WL, RCS-BH80UA-WL)	
Wired Remote Controller (included)			RCS-TM80BG		RCS-TM80BG		RCS-TM80BG		RCS-TM80BG		RCS-TM80BG		RCS-TM80BG		RCS-TM80BG		RCS-TM80BG	
Fan Speeds			3 and Automatic Control / Variable		3 and Automatic Control / Variable		3 and Automatic Control / Variable		3 and Automatic Control / Variable		3 and Automatic Control / Variable		3 and Automatic Control / Variable		3 and Automatic Control / Variable		3 and Automatic Control / Variable	
Timer																		
Air Deflection	Horizontal		---		---		---		---		---		---		---		---	
	Vertical		Automatic		Automatic		Automatic		Automatic		Automatic		Automatic		Automatic		Automatic	
Air Filter			Washable		Washable		Washable		Washable		Washable		Washable		Washable		Washable	
Refrigerant			R-410A		R-410A		R-410A		R-410A		R-410A		R-410A		R-410A		R-410A	
Refrigerant control			Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	In (Hi / Me / Lo)dB-A		39 / 37 / 33		42 / 40 / 35		44 / 41 / 3		39 / 37 / 33		42 / 40 / 35		39 / 37 / 33		42 / 40 / 35		44 / 41 / 37	
	Outdoor(Hi) dB-A		49		52		53		49		52		49		52		53	
Refrigerant Piping	Type		Flare Type		Flare Type		Flare Type		Flare Type		Flare Type		Flare Type		Flare Type		Flare Type	
	Discharge	inches	3/8" Discharge		3/8" Discharge		3/8" Discharge		3/8" Discharge		3/8" Discharge		3/8" Discharge		3/8" Discharge		3/8" Discharge	
	Suction	inches	5/8" Suction		5/8" Suction		5/8" Suction		5/8" Suction		5/8" Suction		5/8" Suction		5/8" Suction		5/8" Suction	
Refrigerant Pipe Length	Ft.	Max. 165Ft		Max. 165Ft		Max. 165Ft		Max. 165Ft		Max. 165Ft		Max. 165Ft		Max. 165Ft		Max. 165Ft		
Elevation Difference**	Outdoor Above	Ft.	Max. 100Ft		Max. 100Ft		Max. 100Ft		Max. 100Ft		Max. 100Ft		Max. 100Ft		Max. 100Ft		Max. 100Ft	
	Outdoor Below	Ft.	Max. 50Ft		Max. 50Ft		Max. 50Ft		Max. 50Ft		Max. 50Ft		Max. 50Ft		Max. 50Ft		Max. 50Ft	
<b>Dimensions &amp; Weight</b>																		
Height	inches		7-17/32" 30-23/32"		9-7/16" 30-23/32"		9-7/16" 48-7/16"		7-17/32" 30-23/32"		9-7/16" 30-23/32"		7-17/32" 30-23/32"		9-7/16" 30-23/32"		9-7/16" 48-7/16"	
Width	inches		51-3/16" 37"		62-1/32" 37"		62-1/32" 37"		51-3/16" 37"		62-1/32" 37"		51-3/16" 37"		62-1/32" 37"		62-1/32" 37"	
Depth	inches		26-3/8" 13-3/8"		26-3/8" 3-3/8"		26-3/8" 13-3/8"		26-3/8" 13-3/8"		26-3/8" 13-3/8"		26-3/8" 13-3/8"		26-3/8" 13-3/8"		26-3/8" 13-3/8"	
Net Weight	Lbs.		57.0 128.0		84.0 143.0		84.0 220.0		64.0 128.0		90.0 143.0		57.0 128.0		84.0 143.0		84.0 220.0	

\*\* 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)



## SANYO

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