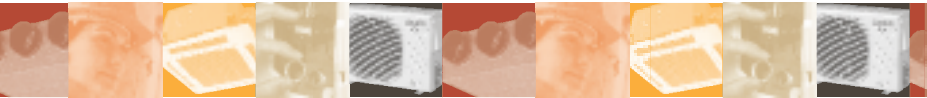






















































Air Conditioning & Heat Pump Products

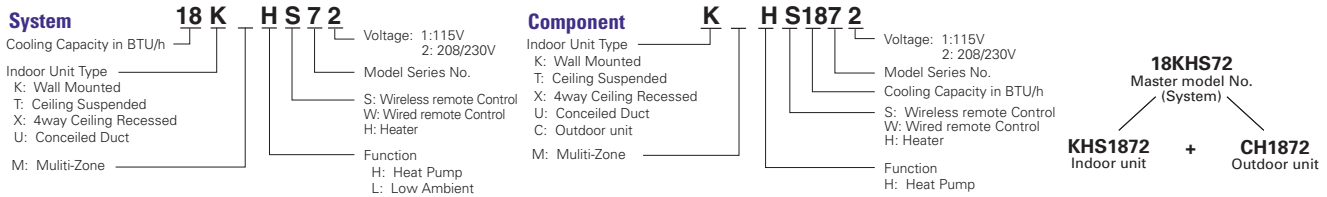
**7 Year Compressor
Warranty**
**5 Year Parts
Warranty**










SANYO Air Conditioners & Heat Pumps

Btu/h		9,000		12,000		18,000		24,000		26,000	30,000	36,000	42,000
Type		Standard	Low Ambient	Standard	Low Ambient	Standard	Low Ambient	Standard	Low Ambient	Low Ambient	Low Ambient	Low Ambient	Low Ambient
MODEL (System)		09KS71	09KLS71	12KS71 12XS71	12KLS71 12XLS71	18KS72 18XS72	18KLS72 18XLS72	24KS72	24KLS72	26KS72R 26TW72R 26XHW72R 26UHW72R	30KS82	36TW72R 36XHW72R 36UHW72R 36KS82	42TW72R 42XHW72R
AIR CONDITIONER	Wall Mounted	 KS0971		 KS1271		 KS1872		 KS2472		 KHS2672R	 KS3082	 KS3682	
	Ceiling Suspended									 THW2672R		 THW3672R	 THW4272R
	Ceiling Recessed			 XS1271		 XS1872				 XHW2672R		 XHW3672R	 XHW4272R
	Concealed Duct									 UHW2672R		 UHW3672R	
	Outdoor	 C0971 CL0971		 C1271 CL1271		 C1872 CL1872		 C2472 CL2472		 C2672R	 C3082	 C3672R / C3682	 C4272R
MODEL (System)		09KHS71		12KHS71 12XHS71		18KHS72 18XHS72		24KHS72		26KHS72R 26THW72R 26XHW72R 26UHW72R	30KHS82	36THW72R 36XHW72R 36UHW72R 36KHS82	42THW72R 42XHW72R
HEAT PUMP	Wall Mounted	 KHS0971		 KHS1271		 KHS1872		 KHS2472		 KHS2672R	 KHS3082	 KHS3682	
	Ceiling Suspended									 THW2672R		 THW3672R	 THW4272R
	Ceiling Recessed			 XHS1271		 XHS1872				 XHW2672R		 XHW3672R	 XHW4272R
	Concealed Duct									 UHW2672R		 UHW3672R	
	Outdoor	 CH0971		 CH1271		 CH1872		 CH2472		 CH2672R	 CH3082	 CH3672R CH3682	 CH4272R

Model Identification



Flexi Multi Inverter

AIR CONDITIONER	Btu/h	7,000	9,000	12,000	18,000	24,000
	Type	Standard	Standard	Standard	Standard	Standard
	Wall Mounted					
		KMS0772	KMS0972	KMS1272	KMS1872	KMS2472
	Ceiling Recessed					
		XMS0972		XMS1272	XS1872	
	Btu/h	19,000	24,000	31,000		
	Type	Standard	Standard	Standard		
	Outdoor					
		Up to 3 Rooms	Up to 4 Rooms	Up to 4 Rooms		
		CM1972A	CM2472A	CM3172A		

HEAT PUMP	Btu/h	7,000	9,000	12,000	18,000	24,000
	Wall Mounted					
		KMHS0772	KMHS0972	KMHS1272	KMHS1872	KMHS2472
	Ceiling Recessed					
		XMHS0972		XMHS1272	XHS1872	
	Btu/h	19,000	24,000	31,000		
	Outdoor					
		Up to 3 Rooms	Up to 4 Rooms	Up to 4 Rooms		
		CMH1972A	CMH2472A	CMH3172A		

MODEL FEATURE CHART

OP: Option

		AIR CONDITIONERS		LOW-AMBIENT AIR CONDITIONERS						HEAT PUMPS					
	Wall Mounted	09KS71 12KS71 18KS72 24KS72		09KLS71 12KLS71 18KLS72 24KLS72 30KS82 36KS82		26KS72R				09KHS71 12KHS71 18KHS72 24KHS72 30KHS82 36KHS82		26KHS72R			
	Ceiling Suspended						26TW72R 36TW72R 42TW72R						26THW72R 36THW72R 42THW42R		
	Ceiling Recessed		12XS71 18XS72		12XLS71 18XLS72			26XW72R 36XW72R 42XW72R			12XHS71 18XHS72			26XHW72R 36XHW72R 42XHW72R	
	Concealed Duct								26UW72R 36UW72R						26UHW72R 36UHW72R
	Apatite Filter	●	-	●	-	-	-	-	-	●	-				
	Negative Ion Generator	●	-	●	-	-	-	-	-	●	-				
	Microprocessor-Controlled Operation	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Wireless Remote Control	●	●	●	●	●	OP	OP	OP	●	●	●	OP	OP	OP
	Wired Remote Control	OP	OP	OP	OP	OP	●	●	●	OP	OP	OP	●	●	●
	Self-Diagnosing Function	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Dry Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	3 Fan Speeds and Automatic Fan Operation	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Air Sweep Control	●	●	●	●	●	●	●	-	●	●	●	●	●	-
	Louver Control	●	●	●	●	●	●	●	-	●	●	●	●	●	-
	Automatic Heating and Cooling Changeover	-	-	-	-	-	-	-	-	●	●	●	●	●	●
	Night Setback Mode for Cooling and Heating	●	●	●	●	-	-	-	-	●	●	-	-	-	-
	Hot Start Heating System	-	-	-	-	-	-	-	-	●	-	●	●	●	●
	24-Hour Clock with ON/OFF Program Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	72-Hour ON/OFF Timer	-	-	-	-	OP	OP	OP	OP	-	-	OP	OP	OP	OP
	1-Hour OFF Timer	●	●	●	●	-	-	-	-	●	●	-	-	-	-
	Weekly Timer	-	-	-	-	OP	●	●	●	-	-	OP	●	●	●
	System Controller	-	-	-	-	OP	OP	OP	OP	-	-	OP	OP	OP	OP
	Anti-Mold Filter	●	●	●	●	●	●	●	-	●	●	●	●	●	-
	Filter Sign	-	-	-	-	●	●	●	●	-	-	●	●	●	-
	Automatic Restart Function after Power Failure	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Fresh Air Intake	-	●	-	●	-	OP	OP	OP	-	●	-	OP	OP	OP
	Branch Extension	-	●	-	●	-	-	●	●	-	●	-	-	●	●
	Built-In Drain Pump	-	●	-	●	-	-	●	●	-	●	-	-	●	●
	Low Ambient Operation	-	-	●	●	●	●	●	●	●	-	●	●	●	●
	Electric Expansion Valve	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	ODP=0 Refrigerant	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Quiet Mode	●	●	●	●	-	-	-	-	●	●	-	-	-	-

Features



Microprocessor-Controlled Operation

Microprocessor control ensures that the temperature and humidity levels in the room are always comfortable.



Wireless Remote Control

Sanyo's infrared Remote Control with an easy to read LCD Display, gives the user the capability to adjust & set: temperature, sweep (louver control), fan speeds, timer, night setback and more, for complete automatic operation.



Dry Mode

By coupling compressor and fan operation, intermittent operation can be precisely controlled according to room temperature, so that air is efficiently dehumidified.



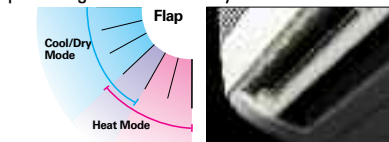
3 Fan Speeds and Automatic Fan Operation

Convenient microprocessor control automatically adjusts fan speed to High, Medium or Low. According to room temperature to maintain a comfortable airflow throughout the room.



Air Sweep Control

The air sweep function moves the louver up and down in the air outlet, directing air in a "sweeping" motion around the room and providing comfort in every corner.



Louver Control

Louver can be manually set to the desired angle by remote control.



Negative Ions Generator

The negative ions generator fills your room with negative ions throughout the year.

*Ion generating power - over 100,000 parts/cc



Automatic Heating and Cooling Changeover

After setting the temperature and functions you desire, just relax. If the room temperature is higher than the set temperature, cooling operation begins. If the room temperature is lower than the set temperature, heating operation begins. During normal thermostat cycle operation, cooling and heating operations automatically change in accordance with set temperature, time and room temperature. (Single Zone Heat Pump unit only)



1-hour OFF Timer

When this button is pushed either while the unit is operating or while it is stopped, the unit will operate for one hour and then switch off automatically.



24-hour Clock with ON/OFF Program Timer

The remote control unit allows you to set a wide variety of timer-based operations. Such functions include automatic ON/OFF with a timer setting, same time ON/OFF every day, ON timer, OFF timer and Combination timer.



ON/OFF Timer Remote controller

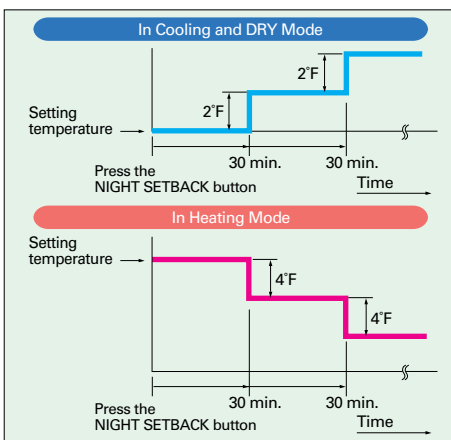
ON/OFF timer can be set to 0.5 hour gradations (max. 72 hours).



Night Setback Mode for Cooling and Heating

Cooling and DRY Mode: With the Night Setback Mode, the air conditioner automatically raises the setting temperature 2°F after 30 minutes, and then another 2°F after the next 30 minutes.

Heating Mode: With the Night Setback Mode, the setting temperature is automatically lowered 4°F after 30 minutes, and then another 4°F after the next 30 minutes. This saves energy without sacrificing comfort and is ideal for gentle cooling and heating.



Automatic Restart Function after Power Failure

This feature allows the system to automatically resume operation at its preset program, after power is restored from a power failure.



Hot Start Heating System

Right from the start, air is warm and comfortable. The Hot Start Heating System prevents any cold blasts at the beginning while the heat pump is warming up. (Heat pump unit only)



Air Clean Apatite Filter

Apatite or calcium phosphate is highly effective in trapping germs, mites and mite excrement, pollen, dirt and dust, and cigarette odor. The triple layered air clean apatite filter consists of antibacterial, deodorizing, and dust-collecting sections that maintain healthy, clean air in your room.



Anti-Mold Filter

Filter is treated with anti-mold coatings to prevent mold or bacteria from occurring.



Built-In Drain Pump

Max. head 20 inches from the discharge of the indoor unit. Condensate pump is only for allowing drain line to meet minimum gravity flow requirements.



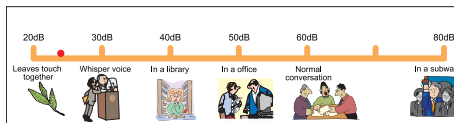
Electric Refrigerant Control Valve

The circulation volume of the refrigerant is controlled by a pulse type electric control valve. In order to attain optimum efficiency, when the power is switched ON, the opening degree of the electric control valve is controlled between 90 and 480 steps.



Quiet Mode

LOW, low fan speed for extra quiet operation.

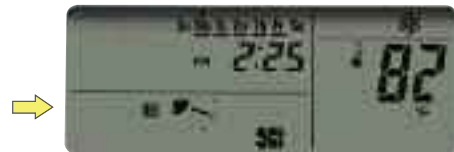


Filter Sign

Filter sign informs you when filter maintenance is necessary.

2,500 hrs: X, T-types

150 hrs: K-type

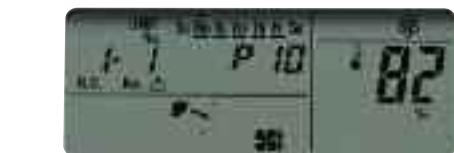


(RCS-TM80BG)



Self-Diagnosing Function

Details of previous warnings are stored and can be verified on the liquid crystal display. This makes it easier to diagnose malfunctions, greatly reducing service labor. (Wired remote controller)



(Example of RCS-TM80BG)

Remote Controller Options for Models 26000 Btu's and Larger

Wired Remote Controllers (Except 82 Series)

Simple Remote Controller



(RCS-KR1EG)

Key Features (Simple Remote):

- Thin and Easy To Read
- Simple To Install and Use
- Can Be Adapted for Use On All ECO-i Indoor Units
- Mode
- Fan Speed Control
- Set Temperature
- On/Off
- Airflow Direction
- Perfectly Suited for Applications Where Simpler Functionality is Required (ie: Hotel Rooms, Nursing Homes, Offices)



RCS-TM80BG

Key Features (Standard Remote/7 Day Timer):

- Thin and Easy To Read
- Simple To Install and Use
- Can Be Adapted for Use On All ECO-i Indoor Units
- Fan Speed Control
- Airflow Direction
- Operating Mode (Heating/Cooling/Auto/Dry/Fan)
- Vacation Mode for Continued Energy Efficiencies
- Full 7 Day Set-Back Functionality, With Up To 6 Time Periods/Day
- Full System Diagnostic Capability

(Diagnostic History Provides Immediate View of System Past and Present.)

System Controller



(SHA-KC64UG)

Multiple Zone Controllers.

The Air Conditioning Gateway.

Sanyo's system and intelligent controls are the central nervous system to the conditioning system. The gateway to all data, temperature and system diagnostics. The heart and soul of conditioning.

Key Features (System Control):

- Controls Up To 64 Units Into 4 Individualized Zones
- Alarm and Operational Signal Output
- Single Access Points for All Connected Wired Remotes

Wireless Remote Controllers

Wireless Remote Controller		Applicable Unit	X-series (Ceiling Recessed Type)	T-series (Ceiling Suspended Type)	For All Indoor Units
					U-series X-series T-series
			BUILT-IN TYPE <ul style="list-style-type: none"> • Signal receiving unit can be installed in the outer panel of indoor unit. • Control panel can be installed in the inside indoor unit. 	EXTERNAL TYPE <ul style="list-style-type: none"> • Separate type signal receiving unit. 	
		RCS-SH1UA		RCS-SH80UA-WL	RCS-BH80UA-WL

Remote Controllers Functions

			Timer Remote Controller (RCS-TM80BG)	System Controller (SHA-KC64UG)
Function	ON/OFF		●	● (Collective/Individual)
	Operation mode switch	Heating	●	● (Individual)
		Dry	●	● (Individual)
		Cooling	●	● (Individual)
		Fan	●	● (Individual)
	Temp setting		●	● (Individual)
	Fan speed setting (Hi/Mid./Lo/Auto)		●	● (Individual)
	Auto flap	Auto airflow direction setting	●	●
		Arbitrary airflow direction setting	●	●*
	Sweep (Flap swing)		●	●*
System	Sensor temp. display		●	×
	Self-diagnostic function		●	●
	Central control (at hand inhibited)		×	●
	Group control		● (Up to 8 units)	● (Up to 16 groups)
Setting Range	Cooling, dry		(°F)	65 – 86
	Heating		(°F)	61 – 79

●: Controllable
×: Uncontrollable

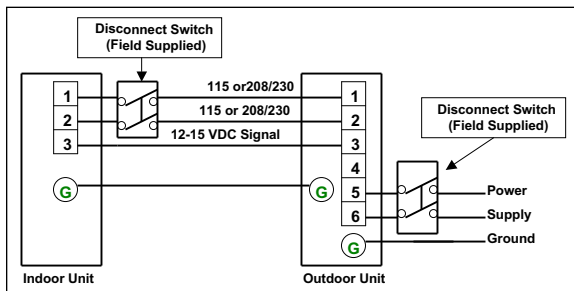
NOTE:

If you use both remote controller and system controller concurrently, both controllers can be used on a last-signal priority basis.

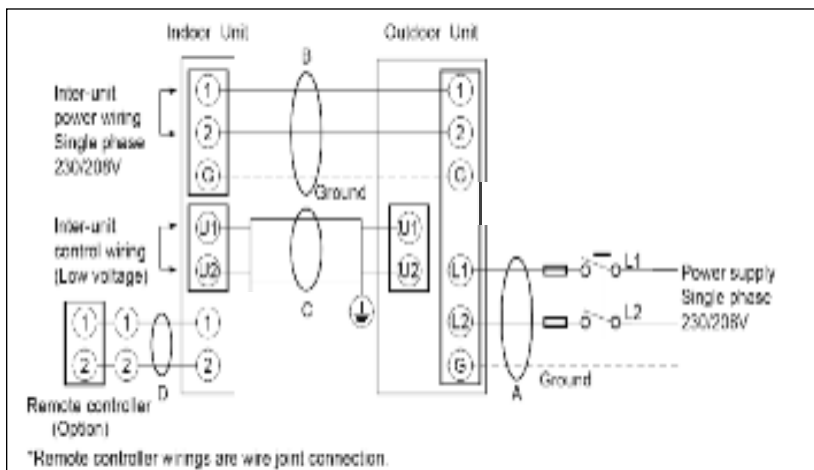
Benefits

- High Efficiency systems up to 20 SEER
- Inverter Driven variable speed twin rotary compressors
- Precise compressor speed to match the building needs
- Quiet operation
- Designed to run longer periods at reduced speeds to improve dehumidification
- Quick and easy installation of indoor and outdoor units
- Wired & wireless remote controllers available on all models
- Single Point Power Supply reduces installation costs (Comply with local codes on wire size)
- 7 Year compressor warranty and 5 year parts warranty

9,000 - 24,000 Btu/h single zone, 30/36 KS/KHS82 Models wiring schematic

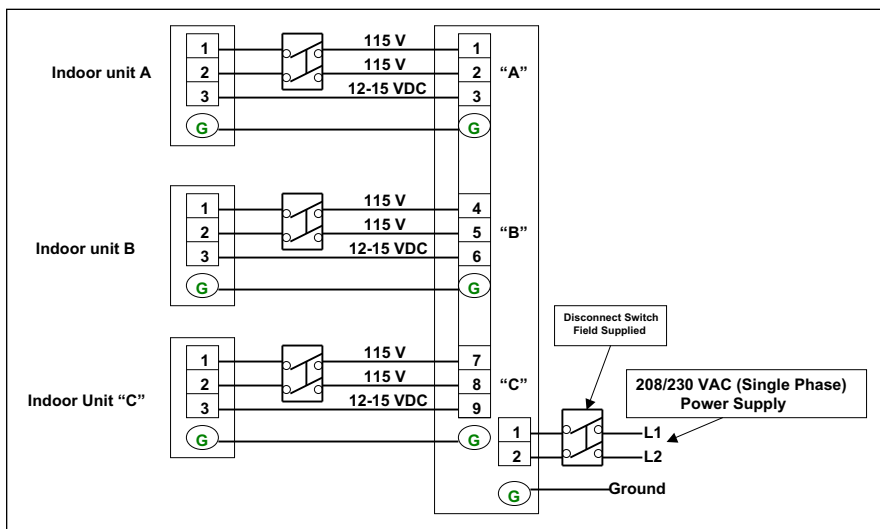


26,000 - 42,000 Btu/h single zone wiring schematic (control wiring to be 18/2 shielded; grounded on both ends)



(Except 82 Series.)

Flexi Multi wiring schematic (example shown is with 3 indoor units)



Wall-Mounted Air Conditioners



09KS71 / 09KLS71

12KS71 / 12KLS71

Indoor Unit

KS0971

KS1271



Outdoor Unit

C0971 / CL0971

C1271 / CL1271



Wireless
Remote Controller



18KS72 / 18KLS72

24KS72 / 24KLS72

Indoor Unit

KS1872

KS2472



Outdoor Unit

C1872 / CL1872



Outdoor Unit

C2472 / CL2472



WASHABLE FRONT GRILLE



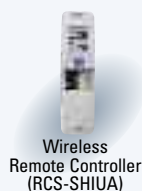
Only for
09KLS71, 12KLS71,
18KLS72, 24KLS72

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	C0971 / CL0971	KS1271	C1271 / CL1271	KS1872	C1872 / CL1872	KS2472	C2472 / 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	
Dry Air Flow	Hi / Med / Low CFM	282 / 247 / 200	294 / 259 / 212		524 / 470 / 417		600 / 541 / 482	
SEER	Cooling	16	17		20		17	
EER	Cooling	12	10.9		11.7		9.8	
HSPF	Heating	---	---		---		---	
Power Supply	V, Phase, Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz	
Running Amps	Cooling 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)	
	Heating A	---	---		---		---	
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.		18KLS72 Equip.		24KLS72 Equip.	
Wireless Remote Controller	Included		Included		Included		Included	
Wired Remote Control (optional)	STK-RCS-7TWSUA & STK-KCW1		STK-RCS-7TWSUA & STK-KCW1		STK-RCS-7TWSUA & STK-KCW1		STK-RCS-7TWSUA & STK-KCW1	
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		Washable + Apatite		Washable + Apatite		Washable + Apatite	
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	Ft.	Max. 50Ft	Max. 65Ft		Max. 98Ft		Max. 131Ft	
Elevation Difference**	Outdoor Above Ft.	Max. 23Ft	Max. 23Ft		Max. 50Ft		Max. 50Ft	
	Outdoor Below Ft.	Max. 23Ft	Max. 23Ft		Max. 50Ft		Max. 50Ft	
Dimensions & Weight								
Height	Indoor Unit	21-9/16"	21-9/16"		26-3/8"		29-1/8"	
	Outdoor Unit	11-7/32"	11-7/32"		11-23/32"		11-23/32"	
Width	Indoor Unit	32-15/32"	32-15/32"		41-15/16"		41-15/16"	
	Outdoor Unit	28-11/32"	28-11/32"		34-21/32"		35-7/16"	
Depth	Indoor Unit	7-7/16"	7-7/16"		8-19/32"		8-19/32"	
	Outdoor Unit	10-7/16"	10-7/16"		11-7/32"		12-19/32"	
Net Weight	Lbs.	19.8	19.8		26.5		26.5	

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

Wall-Mounted Air Conditioners

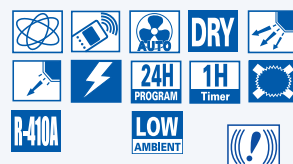


26KS72R

**Indoor Unit
KHS2672R**



**Outdoor Unit
C2672R**



30KS82

**Indoor Unit
KS3082
KS3682**

36KS82



Wireless Remote Controller

**Outdoor Unit
C3082
C3682**



Wall Mounted Air Conditioners									
Model No.			26KS72R		30KS82		36KS82		
Unit Model No.			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	
			KHS2672R	C2672R	KS3082	C3082	KS3682	C3682	
Performance & Electrical Ratings									
Capacity	Cooling	Btu/h	25,200 (9,500~25,200)		30,600 (10,900~30,600)		34,000 (10,900~34,000)		
	Heating	Btu/h	---		---		---		
Moisture Removal	High	Pints/H	8.1		9.57		10.64		
Dry Air Flow	Hi / Med / Low	CFM	559 / 475 / 390		700 / 900 / 1070		700 / 900 / 1070		
SEER	Cooling		14.9		16		16		
EER	Cooling		8.9		9.3		8.5		
HSPF	Heating		---		---		---		
Power Supply	V, Phase, Hz		230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz		
Running Amps	Cooling	A	15.3 / 16.9		16.5 (5 ~ 16.5)		20 (5 ~ 20)		
	Heating	A	---		---		---		
Power Input	Cooling	W	2,840 / 2,840		3,290		4,000		
	Heating	W	---		---		---		
Back-up Heater		kW	---		---		---		
Fuse or Circuit Breaker	Capacity	A	15	30	35		45		
Features									
Controls			Microprocessor		Microprocessor		Microprocessor		
Low Ambient Control			Built-in 0°F		Built-in 0°F		Built-in 0°F		
Wireless Controller			RCS-SH1UA (included)		Included		Included		
Wired Remote Control	(optional)		RCS-TM80BG (optional)		STK-RCS-7TWSUA & STK-KCW2		STK-RCS-7TWSUA & STK-KCW2		
Fan Speeds			3 and Automatic Control / Variable		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		
Timer			Option		1hr & 24hr		1hr & 24hr		
Air Deflection	Horizontal		Manual		Manual		Manual		
	Vertical		Automatic		Automatic		Automatic		
Air Filter			Washable		Washable + Apatite		Washable + Apatite		
Refrigerant			R-410A		R-410A		R-410A		
Refrigerant control			Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		
Operation Sound	In(Hi / Me / Lo/ Qt) dB-A		48 / 42 / 38		49 / 44 / 39		49 / 44 / 39		
	Outdoor(Hi) dB-A		49		55		55		
Refrigerant Piping	Type		Flare Type		Flare Type		Flare Type		
	Discharge	inches	3/8" Discharge		3/8"		3/8"		
	Suction	inches	5/8" Suction		5/8"		5/8"		
Refrigerant Pipe Length			Ft.		Max. 165Ft		Max. 165Ft		
Elevation Difference**	Outdoor Above	Ft.	Max. 100Ft		Max. 100Ft		Max. 100Ft		
	Outdoor Below	Ft.	Max. 50Ft		Max. 50Ft		Max. 50Ft		
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	
Height		inches	12-63/64"	30-23/32"	11-3/16"	35-13/16"	11-3/16"	35-13/16"	
Width		inches	44-7/8"	37"	41-15/16"	37-1/32"	41-15/16"	37-1/32"	
Depth		inches	8-31/32"	13-3/8"	9-1/16"	13-3/8"	9-1/16"	13-3/8"	
Net Weight		Lbs.	40.0	128.0	32	183	32	183	

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

Wall-Mounted Heat Pumps



Indoor Unit
KHS0971
KHS1271



Outdoor Unit
CH0971
CH1271



09KHS71
12KHS71



Indoor Unit
KHS1872
KHS2472



Outdoor Unit
CH1872
CH2472



WASHABLE FRONT GRILLE

18KHS72
24KHS72



Above models do not have back up heater

Wall Mounted Heat Pump										
Model No.			09KHS71		12KHS71		18KHS72		24KHS72	
Unit Model No.			Indoor Unit KHS0971	Outdoor Unit CH0971	Indoor Unit KHS1271	Outdoor Unit CH1271	Indoor Unit KHS1872	Outdoor Unit CH1872	Indoor Unit KHS2472	Outdoor Unit 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	
Dry Air Flow	Hi / Med / Low	CFM	200 / 247 / 282		212 / 259 / 294		417 / 479 / 524		482 / 541 / 600	
SEER	Cooling		16		17		20		17	
EER	Cooling		12.5		10.9		11.7		10.3	
HSPF	Heating		8.5		9.3		10		8.5	
Power Supply		V, Phase, Hz	115V, 1PH, 60Hz		115V, 1PH, 60Hz		230V / 208V, 1PH, 60Hz		230V / 208V, 1PH, 60Hz	
Running Amps	Cooling	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)	
	Heating	A	10.3 (2.6-10.3)		11.7 (2.5-11.7)		7.4 / 8.1 (1.3-8.1)		12/13.5 (1.3-13.5)	
Power Input	Cooling	W	755 (250-755)		1,090 (250-1090)		1,500 / 1,500 (250-1500)		2,355 / 2,355 (280-2355)	
	Heating	W	995 (250-995)		1,165 (250-1165)		1,575 / 1,575 (270-1575)		2,490 / 2,490 (290-2490)	
Back-up Heater		kW	---		---		---		---	
Fuse or Circuit Breaker Capacity		A	20		20		20		20	
Features										
Controls			Microprocessor		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control			Built-in 0°F		Built-in 0°F		Built-in 0°F		Built-in 0°F	
Wireless Remote Controller			Included		Included		Included		Included	
Wired Remote Control			STK-RCS-7TWSUA & STK-KCWI (optional)		STK-RCS-7TWSUA & STK-KCWI (optional)		STK-RCS-7TWSUA & STK-KCWI (optional)		STK-RCS-7TWSUA & STK-KCWI (optional)	
Fan Speeds			Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto	
Timer			1hr OFF and		1hr OFF and		1hr OFF and		1hr OFF and	
Air Deflection	Horizontal		24-hr PROGRAM		24-hr PROGRAM		24-hr PROGRAM		24-hr PROGRAM	
	Vertical		Manual		Manual		Manual		Manual	
Air Filter			Automatic		Automatic		Automatic		Automatic	
			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	
Refrigerant Piping	Outdoor(Hi)	dB-A	46	47	47	49	51	52	55	56
	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		Ft.	Max. 50Ft		Max. 65Ft		Max. 98Ft		Max. 98Ft	
Elevation Difference**	Outdoor Above	Ft.	Max. 23Ft		Max. 23Ft		Max. 50Ft		Max. 50Ft	
	Outdoor Below	Ft.	Max. 23Ft		Max. 23Ft		Max. 50Ft		Max. 50Ft	
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
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"
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"
Depth		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	26.5	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 catalog)

Wall-Mounted Heat Pumps



Indoor Unit
KHS2672R

26KHS72R



Outdoor Unit
CH3082
CH3682



Wireless
Remote Controller



WASHABLE FRONT GRILLE



30KHS82

Indoor Unit

36KHS82

KHS3082

KHS3682



Wall Mounted Heat Pumps

Model No.			26KHS72R		30KHS82		36KHS82		
Unit Model No.			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	
			KHS2672R	CH2672R	KHS3082	CH3082	KHS3682	CH3682	
Performance & Electrical Ratings									
Capacity	Cooling	Btu/h	25,200 (9,500–25,200)		30,600 (10,900–30,600)		34,000 (10,900–34,000)		
	Heating	Btu/h	29,200 (8,000–29,200)		33,000 (14,000–33,000)		36,000 (14,000–36,000)		
Moisture Removal	High	Pints/H	8.1		9.57		10.64		
Dry Air Flow	Hi / Med / Low	CFM	559 / 475 / 390		700 / 900 / 1070		700 / 900 / 1070		
SEER	Cooling		14.9		16		16		
EER	Cooling		10.2		9.3		8.5		
HSPF	Heating		9		9		9		
Power Supply	V, Phase, Hz		230V / 208V		230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz		
Running Amps	Cooling	A	15.3 / 16.9		16.5 (5 ~ 16.5)		20 (5 ~ 20)		
	Heating	A	14.0 / 15.5		15.3 (4.5 ~ 15.3)		18.2 (4.5 ~ 18.2)		
Power Input	Cooling	W	2,840 / 2,840		3,290		4,000		
	Heating	W	2,620 / 2,620		3,070		3,650		
Back-up Heater		kW	---		---		---		
Fuse or Circuit Breaker	Capacity	A	15 30		35		45		
Features									
Controls			Microprocessor		Microprocessor		Microprocessor		
Low Ambient Control			Built-in 0°F		Built-in 0°F		Built-in 0°F		
Wireless Controller			RCS-TM80BG (optional)		STK-RCS-7TWSUA & STK-KCW2		STK-RCS-7TWSUA & STK-KCW2		
Wired Remote Control (optional)			3 and Automatic Control / Variable		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		
Fan Speeds			24hr/72hr		1hr & 24hr		1hr & 24hr		
Timer			---		Manual		Manual		
Air Deflection			Automatic		Automatic		Automatic		
Air Filter			Washable		Washable + Apatite		Washable + Apatite		
Refrigerant			R-410A		R-410A		R-410A		
Refrigerant control			Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		
Operation Sound			In(Hi / Me / Lo/ Qt) dB-A		49 / 44 / 39		49 / 44 / 39		
			Outdoor(Hi) dB-A		55		55		
Refrigerant Piping			Type		---		---		
			Discharge inches		3/8"		3/8"		
			Suction inches		5/8"		5/8"		
Refrigerant Pipe Length			Ft.		Max. 165Ft		Max. 165Ft		
Elevation Difference**			Outdoor Above Ft.		Max. 100Ft		Max. 100Ft		
			Outdoor Below Ft.		Max. 50Ft		Max. 50Ft		
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	
Height			inches	12-63/64"	30-23/32"	11-3/16"	35-13/16"	11-3/16"	35-13/16"
Width			inches	44-7/8"	37"	41-15/16"	37-1/32"	41-15/16"	37-1/32"
Depth			inches	8-31/32"	13-3/8"	9-1/16"	13-3/8"	9-1/16"	13-3/8"
Net Weight			Lbs.	40.0	128.0	32	183	32	183

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



Flexi-Multi System Indoor Units

Fits with Various Sizes of Room and Life Style

The multi-system type allows a single outdoor unit to be connected to 2 to 4 indoor units. It also solves the problem of limited installation space and does not clutter the exterior of your home.



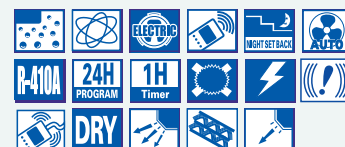
Optional Wired controller
STK-RCS-7TWSUA
& STK-KCWI



Wireless Remote Controller
"Included" with each indoor

KMS0772 / KMS0972 / KMS1272 / KMS1872 / KMS2472

KMHS0772 / KMHS0972 / KMHS1272 / KMHS1872 / KMHS2472



Indoor Unit: Wall Mounted Style

Cooling Only						
Model No.		KMS0772	KMS0972	KMS1272	KMS1872	KMS2472
Power Source		230V / 208V, 1 PH, 60 Hz				
Running Ampere	A	0.11	0.15	0.15	0.15	0.20
Power Input	W	25	35	35	35	45
Capacity	Cooling Btu/h	7,500	9,000	11,900	17,500	24,200
Moisture Removal High Prints/H		2.77	3.40	4.26	4.89	4.89
Unit Dimensions (HxWxD)	inch	11"-7/32" x 32"-15/32" x 7"-7/16"			11"-23/32" x 41"-15/16" x 8"-19/32"	
Net Weight	Lbs	19.8	19.8	19.8	26.5	26.5
Air Circulation (High)	Cooling CFM	241	259	282	500	541
Operating Sound (H/L)	Cooling dB-A	33 / 23	34 / 23	36 / 25	41 / 28	44 / 30
	Heating dB-A	-	-	-	-	-
Refrigerant	Narrow Tube inch	1/4"	1/4"	1/4"	1/4"	1/4"
Tube Diameter	Wide Tube inch	3/8"	3/8"	3/8"	1/2"	5/8"
Elevation Difference**	Outdoor Above Ft.	Max 50Ft	Max 50Ft	Max 50Ft	Max 50Ft	Max 50Ft
	Outdoor Below Ft.	Max 50Ft	Max 50Ft	Max 50Ft	Max 50Ft	Max 50Ft

Heat Pump						
Model No.		KMHS0772	KMHS0972	KMHS1272	KMHS1872	KMHS2472
Power Source		230V-208V, 1 PH, 60 Hz				
Running Ampere		0.11	0.15	0.15	0.15	0.20
Power Input		25	35	35	35	45
Capacity	Cooling Btu/h	7,500	9,000	11,900	17,500	24,200
	Heating Btu/h	8,500	12,200	14,300	20,400	29,000
Moisture Removal High Prints/H		2.77	3.40	4.26	4.89	4.89
Unit Dimensions (HxWxD)	inch	11"-7/32" x 32"-15/32" x 7"-7/16"			11"-23/32" x 41"-15/16" x 8"-19/32"	
Net Weight	Lbs	19.8	19.8	19.8	26.5	26.5
Air Circulation (HIGH)	Cooling CFM	241	259	282	500	541
	Heating CFM	271	282	294	500	541
Hi / Me / Lo / Qt	Cooling dB-A	33 / 30 / 27 / 23	34 / 31 / 28 / 23	36 / 33 / 29 / 25	41 / 38 / 34 / 28	44 / 41 / 38 / 30
Operating Sound	Heating dB-A	33 / 30 / 27 / 23	34 / 31 / 28 / 23	34 / 31 / 29 / 25	40 / 37 / 34 / 28	43 / 40 / 37 / 30
Refrigerant	Narrow Tube inch	1/4"	1/4"	1/4"	1/4"	1/4"
Tube Diameter	Wide Tube inch	3/8"	3/8"	3/8"	1/2"	5/8"
Elevation Difference**	Outdoor Above Ft.	Max 50Ft	Max 50Ft	Max 50Ft	Max 50Ft	Max 50Ft
	Outdoor Below Ft.	Max 50Ft	Max 50Ft	Max 50Ft	Max 50Ft	Max 50Ft

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

Flexi-Multi System Indoor Units

Fits with Various Sizes of Room and Life Style

The multi-system type allows a single outdoor unit to be connected to 2 to 4 indoor units. It also solves the problem of limited installation space and does not clutter the exterior of your home.

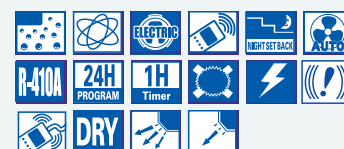


Optional Wired
controller
STK-RCS-7TWSUA



Wireless
Remote Controller
"Included" with
each indoor

XMS0972 / XMS1272 / XS1872
XMHS0972 / XMHS1272 / XHS1872



Indoor Unit: Ceiling Recessed Style

Cooling Only							
Model No.		XMS0972		XMS1272		XS1872	
Grille Assembly		PNR-XS1872					
Power Source		230V / 208V, 1 PH, 60 Hz					
Running Ampere		A	0.1	0.11		0.15	
Power Input		W	16	17		22	
Capacity		Cooling	Btu/h	9,000	11,900		17,500
Moisture Removal High Prints/H				3.4	4.26		4.89
Unit Dimensions (HxWxD)		inch	12"-5/16" x 24"-19/32" x 24"-19/32"				
Net Weight		Lbs	41.3				
Air Circulation (High)		Cooling	CFM	221	235		341
Operating Sound (H/L)		Cooling	dB-A	33	34		44
		Heating	dB-A	-			
Refrigerant		Narrow Tube	inch	1/4"		1/4"	
Tube Diameter		Wide Tube	inch	3/8"		1/2"	
Elevation Difference**		Outdoor Above	Ft.	Max 50Ft	Max 50Ft		Max 50Ft
		Outdoor Below	Ft.	Max 50Ft	Max 50Ft		Max 50Ft

Heat Pump								
Model No.			XMHS0972		XMHS1272		XHS1872	
Grille Assembly			PNR-XS1872					
Power Source			230V / 208V, 1 PH, 60 Hz					
Running Ampere		A	0.1	0.11			0.15	
Power Input		W	16	17			22	
Capacity		Cooling Btu/h	9,000	11,900			17,500	
Capacity		Heating Btu/h	12,300	13,600			20,400	
Moisture Removal High Prints/H			3.4	4.26			4.89	
Unit Dimensions (HxWxD)		inch	12"-5/16" x 24"-19/32" x 24"-19/32"					
Net Weight		Lbs	41.3					
Air Circulation (High)		Cooling CFM	221	235				
		Heating CFM	247	268			341	
Operating Sound (H/L)		Cooling dB-A	33	34			44	
		Heating dB-A	34	35			44	
Refrigerant		Narrow Tube inch	1/4"	1/4"			1/4"	
Tube Diameter		Wide Tube inch	3/8"	3/8"			1/2"	
Elevation Difference**		Outdoor Above Ft.	Max 50Ft	Max 50Ft			Max 50Ft	
		Outdoor Below Ft.	Max 50Ft	Max 50Ft			Max 50Ft	

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

Flexi-Multi System Outdoor Units



Connectable from 2 to 3 Indoor Units



Up to **3**
Rooms



CM1972A



CMH1972A

Model No.	Outdoor Unit	CM1972A		CMH1972A	
Performance		Cooling		Cooling	Heating
Capacity	Btu/h	19,700		19,100	24,800
Air Circulation	High	1,707		1,707	
Number of Connectable Indoor Units	CFM	2 ~ 3		2 ~ 3	
SEER	Cooling	16.5		16.4	
EER	Cooling	12.5		12.7	
HSPF	Heating	-		8.8	
Electrical Rating					
Power Supply	V, Phase, Hz	230V / 208V, 1Ph, 60Hz		230V / 208V, 1Ph, 60Hz	
Running Ampere	A	7.0 / 7.7		7.4	8.5
Power Input	W	1,570 / 1,570		1,500	1,735
Maximum Fuse Size	Amps	20A		20A	
Features					
Controls		Microprocessor		Microprocessor	
Fan Speeds		Auto (Hi, Me, Lo)		Auto (Hi, Me, Lo)	
Compressor		DC Inverter		DC Inverter	
Refrigerant / Amount Charged at Shipment	1b	R410A / 6.17		R410A / 6.17	
Refrigerant Control		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	Hi	50		50	52
Refrigerant Tubing Connections		Flare Type		Flare Type	
Max. Allowable Tubing Length	Ft	82 (per Unit) 150 (per System)		82 (per Unit) 150 (per System)	
Refrigerant	Narrow Tube	1/4" x 3		1/4" x 3	
Tube Diameter	Wide Tube	3/8" x 3		3/8" x 3	
Dimensions & Weight					
Unit Dimensions	H x W x D	29-1/8" x 35-7/16" x 12-19/32"		29-1/8" x 35-7/16" x 12-19/32"	
Net Weight	Lbs	138.9		143.3	

IMPORTANT

It is not possible to connect an outdoor unit to only a single indoor unit. If operated with only ONE indoor unit installed, the returning refrigerant to the compressor may cause a malfunction.

Flexi-Multi System Outdoor Units

Connectable from 2 to 4 Indoor Units



Up to

4

Rooms



CM2472A



CMH2472A

Model No.	Outdoor Unit	CM2472A		CMH2472A	
Performance		Cooling		Cooling	Heating
Capacity	Btu/h	25,400		23,200	29,200
Air Circulation	High CFM	1,707		1,707	
Number of Connectable Indoor Units		2 ~ 4		2 ~ 4	
SEER	Cooling	16.2		16.5	
EER	Cooling	9.9		11.4	
HSPF	Heating	-		8.4	
Electrical Rating					
Power Supply	V, Phase, Hz	230V / 208V, 1Ph, 60Hz		230V / 208V, 1Ph, 60Hz	
Running Ampere	A	11.3 / 12.5		9.0 / 100	10.1 / 11.1
Power Input	W	2,560 / 2,560		2,040 / 2,040	2,270 / 2,270
Maximum Fuse Size	Amps	20A		20A	
Features					
Controls		Microprocessor		Microprocessor	
Fan Speeds		Auto (Hi, Me, Lo)		Auto (Hi, Me, Lo)	
Compressor		DC Inverter		DC Inverter	
Refrigerant/Amount Charged at Shipment	g	R410A / 6.17		R410A / 6.17	
Refrigerant Control		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	Hi dB-A	50		50	52
Refrigerant Tubing Connections		Flare Type		Flare Type	
Max. Allowable Tubing Length	Ft	82 (per Unit) 200 (per System with additional Refrigerant)		82 (per Unit) 200 (per System with additional Refrigerant)	
Refrigerant	Narrow Tube inch	1/4" x 4		1/4" x 4	
Tube Diameter	Wide Tube inch	3/8" x 3 + 1/2" x 1		3/8" x 3 + 1/2" x 1	
Dimensions & Weight					
Unit Dimensions	H x W x D inch	29-1/8" x 35-7/16" x 12-19/32"		29-1/8" x 35-7/16" x 12-19/32"	
Net Weight	Lbs	138.9		143.3	

IMPORTANT

It is not possible to connect an outdoor unit to only a single indoor unit. If operated with only ONE indoor unit installed, the returning refrigerant to the compressor may cause a malfunction.



Flexi-Multi System Outdoor Units

Connectable from 2 to 4 Indoor Units



Up to **4** Rooms



CM3172A



CMH3172A

Model No.	Outdoor Unit	CM3172A		CMH3172A	
Performance		Cooling		Cooling	Heating
Capacity	Btu/h	30,600		30,600 / 28,600	32,000
Air Circulation	High	1,942		1942	1807
Number of Connectable Indoor Units		2 ~ 4		2 ~ 4	
SEER	Cooling	17.6		17.2	
EER	Cooling	10.9		10.9	
HSPF	Heating	-		9.3	
Electrical Rating					
Power Supply	V, Phase, Hz	230V / 208V, 1Ph, 60Hz		230V / 208V, 1Ph, 60Hz	
Running Ampere	A	12.3 / 13.6		12.3 / 13.6	10.3 / 11.4
Power Input	W	2,800 / 2,800		2,800 / 2,800	2,350 / 2,350
Maximum Fuse Size	Amps	20A		20A	
Features					
Controls		Microprocessor		Microprocessor	
Fan Speeds		Auto (Hi, Me, Lo)		Auto (Hi, Me, Lo)	
Compressor		DC Inverter		DC Inverter	
Refrigerant/Amount Charged at Shipment	g	R410A / 8.38		R410A / 8.38	
Refrigerant Control		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	Hi	53		53	52
Refrigerant Tubing Connections		Flare Type		Flare Type	
Max. Allowable Tubing Length	Ft	100 (per Unit) 230 (per System with additional Refrigerant)		100 (per Unit) 230 (per System with additional Refrigerant)	
Refrigerant	Narrow Tube	1/4" x 4		1/4" x 4	
Tube Diameter	Wide Tube	3/8" x 2 + 1/2" x 2		3/8" x 2 + 1/2" x 2	
Dimensions & Weight					
Unit Dimensions	H x W x D	35-1/32" x 35-7/16" x 12-19/32"		35-1/32" x 35-7/16" x 12-19/32"	
Net Weight	Lbs	174.2		180.8	

IMPORTANT

It is not possible to connect an outdoor unit to only a single indoor unit. If operated with only ONE indoor unit installed, the returning refrigerant to the compressor may cause a malfunction.

Flexi-Multi Combination Tables: Cooling/Heating

CM1972A/CMH1972A

	Indoor Unit Combination						Indoor Unit Capacity (BTU/h)				Indoor Unit Capacity (BTU/h)			
							Cooling		Cooling		Heating		Heating	
							Room A	Room B	Room C	Total Performance Capacity (Min. - Max.)	Room A	Room B	Room C	Total Performance Capacity (Min. - Max.)
2-Room Operation	7500	+	7500			=	15000	7500	7500	15000 (6800 - 17400)	8500	8500		17000 (6800 - 21800)
	7500	+	9000			=	16500	7485	9015	16500 (6800 - 19100)	8525	12275		20800 (7100 - 24800)
	7500	+	11900			=	19400	6716	10684	17400 (6800 - 19100)	8358	14042		22400 (7100 - 24800)
	7500	+	17500			=	25000	5507	12893	18400 (7100 - 19100)	7000	16800		23800 (8100 - 24800)
	9000	+	9000			=	18000	8500	8500	17000 (6800 - 19100)	11600	11600		23200 (7800 - 24800)
	9000	+	11900			=	20900	7627	10073	17700 (7100 - 19100)	10800	12600		23400 (7800 - 24800)
	9000	+	17500			=	26500	6353	12347	18700 (7100 - 19100)	9075	15125		24200 (8100 - 24800)
	11900	+	11900			=	23800	9200	9200	18400 (6800 - 19100)	11900	11900		23800 (7800 - 24800)
3-Room Operation	11900	+	17500			=	29400	7728	11372	19100 (7100 - 19100)	10129	14471		24600 (8100 - 24800)
	7500	+	7500	+	7500	=	22500	6000	6000	18000 (8500 - 19100)	7800	7800	7800	23400 (9200 - 24800)
	7500	+	7500	+	9000	=	24000	5742	5742	18400 (9800 - 19100)	6919	6919	9963	23800 (10200 - 24800)
	7500	+	7500	+	11900	=	26900	5263	5263	18900 (9800 - 19100)	6576	6578	11048	24200 (10900 - 24800)
	7500	+	7500	+	17500	=	32500	4400	4400	19100 (9800 - 19100)	5636	5636	13527	24800 (11600 - 24800)
	7500	+	9000	+	9000	=	25500	5603	6749	19100 (9800 - 19100)	6237	8981	8981	24200 (11600 - 24800)
	7500	+	9000	+	11900	=	28400	5032	6062	19100 (9800 - 19100)	5971	8598	10031	24600 (11600 - 24800)
	7500	+	9000	+	17500	=	34000	4202	5062	19100 (9800 - 19100)	5124	7379	12298	24800 (11600 - 24800)
	7500	+	11900	+	11900	=	31300	4567	7266	19100 (9800 - 19100)	5668	9556	9556	24800 (11600 - 24800)
	9000	+	9000	+	9000	=	27000	6367	6367	19100 (9800 - 19100)	8267	8267	8267	24800 (11600 - 24800)
	9000	+	9000	+	11900	=	29900	5752	5752	19100 (9800 - 19100)	7832	7832	9137	24800 (11600 - 24800)
	9000	+	11900	+	11900	=	32800	5245	6927	19100 (9800 - 19100)	7440	8680	8680	24800 (11600 - 24800)
	11900	+	11900	+	11900	=	35700	6367	6367	19100 (9800 - 19100)	8267	8267	8267	24800 (11600 - 24800)

CM2472A/CMH2472A

	Indoor Unit Combination							Indoor Unit Capacity (BTU/h)				Indoor Unit Capacity (BTU/h)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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								Room A	Room B	Room C	Room D	Total Performance		Room A	Room B	Room C	Room D	Total Performance																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

Flexi-Multi Combination Tables: Cooling/Heating

CM3172A/CMH3172A

	Indoor Unit Combination					Indoor Unit Capacity (BTU/h)				Indoor Unit Capacity (BTU/h)			
						Cooling		Cooling		Heating		Heating	
						Room A	Room B	Room C	Room D	Room A	Room B	Room C	Room D
2-Room Operation						Total Performance		Total Performance		Total Performance		Total Performance	
						Capacity	Min. - Max.	Capacity	Min. - Max.	Capacity	Min. - Max.	Capacity	Min. - Max.
	7500 +	7500			=	15000	(4400 - 17400)	8500	8500	17000	(6800 - 21800)		
	7500 +	9000			=	16500	(5100 - 19700)	8541	12259	20800	(7100 - 25400)		
	7500 +	11900			=	19400	(5800 - 22800)	8500	14300	22800	(7800 - 28200)		
	7500 +	17500			=	25000	(7500 - 26200)	8529	20471	29000	(10200 - 32000)		
	7500 +	24200			=	31700	(7800 - 30000)	6800	23200	30000	(10200 - 32000)		
	9000 +	9000			=	18000	(5800 - 22200)	12200	12200	24400	(8100 - 29000)		
	9000 +	11900			=	20900	(6400 - 25200)	11878	13922	25800	(8800 - 29000)		
	9000 +	17500			=	26500	(7800 - 29000)	11002	18398	29400	(11200 - 32000)		
	9000 +	24200			=	33200	(7800 - 30000)	9061	21539	30600	(11200 - 32000)		
	11900 +	11900			=	23800	(7500 - 28600)	13600	13600	27200	(9800 - 29000)		
	11900 +	17500			=	29400	(8800 - 30000)	12281	17519	29800	(11600 - 32000)		
	11900 +	24200			=	36100	(8800 - 30000)	10238	20762	31000	(11600 - 32000)		
	17500 +	17500			=	35000	(8800 - 30000)	15300	15300	30600	(11600 - 32000)		
	17500 +	24200			=	41700	(9200 - 30000)	13215	18785	32000	(11600 - 32000)		
3-Room Operation	7500 +	7500 +	7500		=	22500	(6800 - 23200)	8467	8467	8467	25400	(9200 - 30600)	
	7500 +	7500 +	9000		=	24000	(7500 - 23200)	8442	8442	12116	29000	(10200 - 31200)	
	7500 +	7500 +	11900		=	26900	(8100 - 23200)	7930	7930	13341	29200	(10900 - 32000)	
	7500 +	7500 +	17500		=	32500	(9200 - 23200)	6518	6818	16364	30000	(11600 - 32000)	
	7500 +	7500 +	24200		=	39200	(9800 - 23200)	5802	5802	19796	31400	(11600 - 32000)	
	7500 +	9000 +	9000		=	25500	(7800 - 23200)	7596	10902	10902	29400	(11200 - 31600)	
	7500 +	9000 +	11900		=	28400	(8800 - 23200)	7237	10387	12175	29800	(11600 - 32000)	
	7500 +	9000 +	17500		=	34000	(9800 - 23200)	6328	9083	15188	30600	(11600 - 32000)	
	7500 +	9000 +	24200		=	40700	(9800 - 23200)	5473	7855	18672	32000	(11600 - 32000)	
	7500 +	11900 +	11900		=	31300	(9200 - 23200)	6873	11563	11563	30000	(11600 - 32000)	
	7500 +	11900 +	17500		=	36900	(9800 - 23200)	6100	10262	14639	31000	(11600 - 32000)	
	7500 +	11900 +	24200		=	43600	(9800 - 23200)	5251	8834	17915	32000	(11600 - 32000)	
	7500 +	17500 +	17500		=	42500	(9800 - 23200)	5517	13241	13241	32000	(11600 - 32000)	
	7500 +	17500 +	24200		=	49200	(9800 - 23200)	4698	11275	16028	32000	(11600 - 32000)	
	9000 +	9000 +	9000		=	27000	(8500 - 23200)	10000	10000	10000	30000	(11600 - 32000)	
	9000 +	9000 +	11900		=	29900	(9200 - 23200)	9520	9520	11159	30200	(11600 - 32000)	
	9000 +	9000 +	17500		=	35500	(9800 - 23200)	8496	8496	14207	31200	(11600 - 32000)	
	9000 +	9000 +	24200		=	42200	(9800 - 23200)	7311	7311	17378	32000	(11600 - 32000)	
	9000 +	11900 +	11900		=	32800	(9200 - 23200)	9150	10725	10725	30600	(11600 - 32000)	
	9000 +	11900 +	17500		=	38400	(9800 - 23200)	8220	9635	13745	31600	(11600 - 32000)	
	9000 +	11900 +	24200		=	45100	(9800 - 23200)	7034	8245	16721	32000	(11600 - 32000)	
	9000 +	17500 +	17500		=	44000	(9800 - 23200)	7366	12317	12317	32000	(11600 - 32000)	
	11900 +	11900 +	11900		=	35700	(9800 - 23200)	10333	10333	10333	31000	(11600 - 32000)	
	11900 +	11900 +	17500		=	41300	(9800 - 23200)	9280	9280	13239	31800	(11600 - 32000)	
	11900 +	11900 +	24200		=	48000	(9800 - 23200)	7944	7944	16111	32000	(11600 - 32000)	
	11900 +	17500 +	17500		=	46900	(9800 - 23200)	8305	11848	11848	32000	(11600 - 32000)	
4-Room Operation	7500 +	7500 +	7500 +	7500	=	30000	(9800 - 23200)	7400	7400	7800	7400	29600	(11600 - 32000)
	7500 +	7500 +	7500 +	9000	=	31500	(9800 - 23200)	6764	6764	6764	9708	30000	(11600 - 32000)
	7500 +	7500 +	7500 +	11900	=	34400	(9800 - 23200)	6492	6492	6492	10923	30400	(11600 - 32000)
	7500 +	7500 +	7500 +	17500	=	40000	(9800 - 23200)	5815	5815	5815	13956	31400	(11600 - 32000)
	7500 +	7500 +	7500 +	24200	=	46700	(9800 - 23200)	4991	4991	4991	17028	32000	(11600 - 32000)
	7500 +	7500 +	9000 +	9000	=	33000	(9800 - 23200)	6324	6324	9076	9076	30800	(11600 - 32000)
	7500 +	7500 +	9000 +	11900	=	35900	(9800 - 23200)	6097	6097	8750	10257	31200	(11600 - 32000)
	7500 +	7500 +	9000 +	17500	=	41500	(9800 - 23200)	5484	5484	7871	13161	32000	(11600 - 32000)
	7500 +	7500 +	9000 +	24200	=	48200	(9800 - 23200)	4674	4674	6708	15945	32000	(11600 - 32000)
	7500 +	9000 +	11900 +	11900	=	38800	(9800 - 23200)	5816	5816	9784	9784	31200	(11600 - 32000)
	7500 +	9000 +	11900 +	17500	=	44400	(9800 - 23200)	5261	5261	8851	12627	32000	(11600 - 32000)
	7500 +	9000 +	17500 +	17500	=	50000	(9800 - 23200)	4706	4706	11294	11294	32000	(11600 - 32000)
	7500 +	9000 +	9000 +	9000	=	34500	(9800 - 23200)	5880	8440	8440	8440	31200	(11600 - 32000)
	7500 +	11900 +	9000 +	11900	=	37400	(9800 - 23200)	5691	8168	8168	9574	31600	(11600 - 32000)
	7500 +	9000 +	9000 +	17500	=	43000	(9800 - 23200)	5103	7325	7325	12248	32000	(11600 - 32000)
	7500 +	9000 +	11900 +	11900	=	40300	(9800 - 23200)	5517	7919	9282	9282	32000	(11600 - 32000)
	7500 +	9000 +	11900 +	17500	=	45900	(9800 - 23200)	4910	7047	8260	11783	32000	(11600 - 32000)
	7500 +	9000 +	11900 +	11900	=	43200	(9800 - 23200)	5292	8903	8903	8903	32000	(11600 - 32000)
	7500 +	9000 +	11900 +	17500	=	48800	(9800 - 23200)	4730	7958	7958	11353	32000	(11600 - 32000)
	9000 +	9000 +	9000 +	9000	=	36000	(9800 - 23200)	8000	8000	8000	8000	32000	(11600 - 32000)
	9000 +	9000 +	9000 +	11900	=	38900	(9800 - 23200)	7670	7670	7670	8990	32000	(11600 - 32000)
	9000 +	9000 +	9000 +	17500	=	44500	(9800 - 23200)	6849	6849	6849	11453	32000	(11600 - 32000)
	9000 +	9000 +	11900 +	11900	=	41800	(9800 - 23200)	7366	7366	8634	8634	32000	(11600 - 32000)
	9000 +	9000 +	11900 +	17500	=	47400	(9800 - 23200)	6606	6606	7743	11046	32000	(11600 - 32000)
	9000 +	9000 +	11900 +	11900	=	44700	(9800 - 23200)	7085	8305	8305	8305	32000	(11600 - 32000)
	11900 +	9000 +	11900 +	11900	=	47600	(9800 - 23200)	8000	8000	8000	8000	32000	(11600 - 32000)

Ceiling-Suspended Air Conditioners & Heat Pumps



Wired Remote
Controller (RCS-TM808G)
(Included)



Indoor Unit
THW2672R

26TW72R / 26THW72R



Wired Remote
Controller (RCS-TM808G)
(Included)



Indoor Unit
THW3672R
THW4272R

36TW72R / 42TW72R

36THW72R / 42THW72R



Outdoor Unit
C2672R
CH2672R



Outdoor Unit
C3672R
CH3672R



Outdoor Unit
C4272R
CH4272R



Wired Remote
Controller (RCS-TM808G)
(Included)

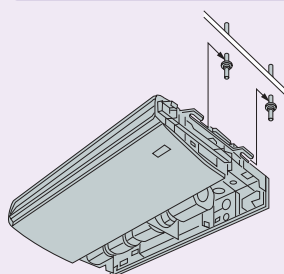


Quiet Operation

The ceiling-mounted unit is equipped with a highly efficient, multi-blade centrifugal fan that generates a powerful yet gentle airflow throughout the room. A redesigned aerodynamically tested louver structure minimizes operational sound even at high fan speed.



Improved Serviceability / Easy Installation



External suspension
method.
Installation time can
be shortened.



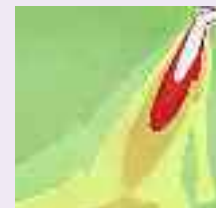
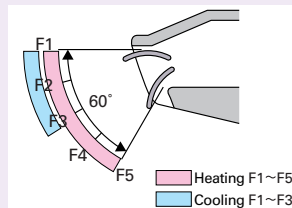
Improved accessibility to
electronic components
(control box) for servicing.



Ceiling-Suspended Air Conditioners & Heat Pumps

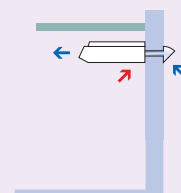
Auto Louver Function Provides Optimum Airflow During Heating or Cooling Operation

Auto louver function is a standard feature which provide optimum airflow during heating or cooling operation. Angle of louver is automatically set for heating or cooling. For example, when heating with fan speed set to low, the discharge is aimed downward so that warm air reaches the floor. The louver angle can be set to between 4° above and 80° below the horizontal in five steps. An auto sweep function to distribute the airflow over a wide area is also provided. Wind direction is adjusted automatically in both heating and cooling operation. The louver can also be set to swing automatically from F1 to F5 in any operation mode (heat pump type only).



Fresh Air Intake Capability & Duct Extension

Ceiling Suspended models (T-series) have the capability of bringing fresh air from outside using an air intake duct (field supplied).



Ceiling - Suspended Air Conditioners							Ceiling - Suspended Heat Pumps								
Model No.			26TW72R		36TW72R		42TW72R		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	
			THW2672R	C2672R	THW3672R	C3672R	THW4272R	C4272R	THW2672R	CH2672R	THW3672R	CH3672R	THW4272R	CH4272R	
Performance & Electrical Ratings															
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)		39,000 (9,500-39,000)		
	Heating	Btu/h	---		---		---		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		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		1130 / 950 / 775		
SEER	Cooling		14.5		15.1		15.6		14.5		15.1		15.6		
EER	Cooling		8.5		8.10		9.4		8.5		8.10		9.4		
HSPF	Heating								9.4		8.8		9.5		
Power Supply	V, Phase, Hz		230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60		
Running Amps	Cooling	A	15.6 / 17.3		18.2 / 20.1		21.1 / 23.3		15.6 / 17.3		18.2 / 20.1		21.1 / 23.3		
	Heating	A							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		4,140 / 4,140		
	Heating	W							3,000 / 3,000		3,250 / 3,250		3,630 / 3,630		
Back-up Heater		kW	---		---		---		---		---		---		
Fuse or Circuit Breaker Capacity	A		15	30	15	35	15	40	15	30	15	35	15	40	
Features															
Controls			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		
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)		
Wired Remote Controller (included)			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		
Timer			7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		
Air Deflection	Horizontal		---		---		---		---		---		---		
	Vertical		Automatic		Automatic		Automatic		Automatic		Automatic		Automatic		
Air Filter			Washable		Washable		Washable		Washable		Washable		Washable		
Refrigerant			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		
Operation Sound	In (Hi / Me / Lo)dB-A		39 / 37 / 33		42 / 40 / 35		44 / 41 / 3		39 / 37 / 33		42 / 40 / 35		44 / 41 / 37		
	Outdoor(Hi) dB-A		49		52		53		49		52		53		
Refrigerant Piping	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		
	Suction inches		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	
Elevation Difference**	Outdoor Above	Ft.	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		
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	
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"		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"		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"		
Net Weight	Lbs.		57.0 128.0		84.0 143.0		84.0 220.0		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 catalog)

Ceiling-Recessed Air Conditioners & Heat Pumps

12XS71/12XLS71

18XS72/18XLS72

12XHS71/18XHS72



Indoor Unit

XS1271

XS1872

XHS1271

XHS1872

Grille Assembly

PNR-XS1872



Wireless Remote Controller



Outdoor Unit

C1271/CL1271

C1872/CL1872

CH1271

CH1872



Indoor Unit

XHW2672R

XHW3672R

XHW4272R

Grille Assembly

PNR-XH2442

PNR-XH3642



Outdoor Unit

C2672R

C3672R

CH2672R

CH3672R



Outdoor Unit

C4272R

CH4272R



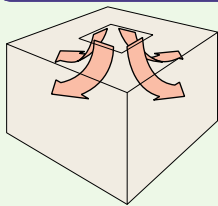
Wired Remote Controller (RCS-TM80BG) (Included)

26XW72R/26XHW72R

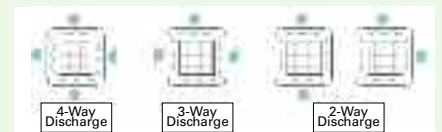
36XW72R/36XHW72R

42XW72R/42XHW72R

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 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 area.



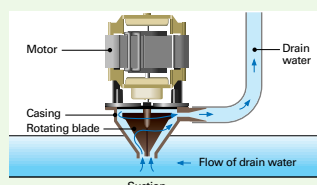
Whisper-Quiet Operation

Thanks to the newly developed turbo fan and decreased resistance of the air path, one of the industry's lowest levels of noise has been achieved.



Integrated Drain Pump

Drain pump is built into the unit to raise the condensate up 20 inches from the drain pump discharge.



Fresh Air Intake Plenum (Option)

When used to take in fresh air, attach the fresh air-intake plenum to the unit. Air-intake plenum is optionally supplied.

CMB-GSJ80U for XHW2672R
CMB-GSJ140U for XHW3672R,
XHW4272R



Ceiling - Recessed Air Conditioners										Ceiling-Recessed H/P				
Model No.	12XS71			12XLS71		18XS72		18XLS72		12XHS71		18XHS72		
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		
	XS1271	C1271	XS1271	CL1271	XS1872	C1872	XS1872	CL1872	XHS1271	CH1271	XHS1872	CH1872		
Grille Assembly	PNR-XS1872			PNR-XS1872		PNR-XS1872		PNR-XS1872		PNR-XS1872		PNR-XS1872		
Performance & Electrical Ratings														
Capacity	Cooling	Btu/h	11,900 (3,000 ~ 11,900)		11,900 (3,000 ~ 11,900)		17,500 (4,000 ~ 17,500)		17,500 (4,000 ~ 17,500)		11,900 (3,000 ~ 11,900)		17,500 (4,000 ~ 17,500)	
	Heating	Btu/h	---		---		---		---		13,600 (3,000 ~ 13,600)		20,400 (4,400 ~ 20,400)	
Moisture Removal	High	Pints/H	4.26		4.26		4.89		4.89		4.26		4.89	
Dry Air Flow	Hi / Med / Low	CFM	235 / 206 / 194		235 / 206 / 194		341 / 294 / 253		341 / 294 / 253		235 / 206 / 194		341 / 294 / 253	
SEER	Cooling	Btu/Wh	16		16		16		16		16		16	
EER	Cooling	Btu/Wh	9.4		9.4		9.41		9.41		9.4		9.4	
HSPF	Heating	Btu/Wh	---		---		---		---		8.5		8.5	
Power Supply	V, Phase, Hz		115V, Single phase, 60Hz		115V, Single phase, 60Hz		208 / 230V, Single phase, 60Hz		208 / 230V, Single phase, 60Hz		115V, Single phase, 60Hz		208 / 230V, Single phase, 60Hz	
Running Amps	Cooling	A	12.6 (2.5-12.6)		12.6 (2.5-12.6)		8.3 (1.2-8.3)		8.3 (1.2-8.3)		12.6 (2.5-12.6)		8.3 (1.2-8.3)	
	Heating	A	---		---		---		---		14.6 (2.5-14.6)		10.5 (1.3-10.5)	
Power Input	Cooling	W	1,260 (250-1,260)		1,260 (250-1,260)		1,860 (250-1,860)		1,860 (250-1,860)		1,260 (250-1,260)		1,860 (250-1,860)	
	Heating	W	---		---		---		---		1,460 (250-1,460)		2,340 (270-2,340)	
Back-up Heater		kW	n/a		n/a		n/a		n/a		n/a		n/a	
Fuse or Circuit Breaker Capacity	A		20		20		20		20		20		20	
Features														
Controls	Microprocessor			Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor		
Low Ambient Control (for Cooling)	n/a			Equipped		n/a		Equipped		Equipped		Equipped		
Wireless Remote Controller	Included			Included		Included		Included		Included		Included		
Wired Remote Controller	STK-RCS-7TWSUA (optional)			STK-RCS-7TWSUA (optional)		STK-RCS-7TWSUA (optional)		STK-RCS-7TWSUA (optional)		STK-RCS-7TWSUA (optional)		STK-RCS-7TWSUA (optional)		
Fan Speeds	Hi/Me/Lo & Auto			Hi/Me/Lo & Auto		Hi/Me/Lo & Auto		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		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		n/a		n/a		n/a		n/a	
	Vertical		Automatic		Automatic		Automatic		Automatic		Microprocessor		Automatic	
Air Filter	Washable Anti-Mold			Washable Anti-Mold		Washable Anti-Mold		Washable Anti-Mold		Washable Anti-Mold		Washable Anti-Mold		
Refrigerant	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		
Operation Sound	In(Hi / Me / Lo)	dB-A	34 / 32 / 31		34 / 32 / 31		44 / 40 / 36		44 / 40 / 36		34 / 32 / 31		44 / 40 / 36	
Refrigerant Piping	Outdoor(Hi)	dB-A	47		47		47		47		51		51	
	Type		Flare Type		Flare Type		Flare Type		Flare Type		Flare Type		Flare Type	
(Cooling)	Discharge	inches	1/4" Discharge		1/4" Discharge		1/4" Discharge		1/4" Discharge		1/4" Discharge		1/4" Discharge	
	Suction	inches	3/8" Suction		3/8" Suction		1/2" Suction		1/2" Suction		3/8" Suction		1/2" Suction	
Refrigerant Pipe Length		Ft.	65 Ft		65 Ft		98 Ft		98 Ft		65 Ft		98 Ft	
Elevation Difference**	Outdoor Above	Ft.	23 Ft		23 Ft		50 Ft		50 Ft		23 Ft		50 Ft	
	Outdoor Below	Ft.	23 Ft		23 Ft		50 Ft		50 Ft		23 Ft		50 Ft	
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Height	inches		12-5/16" 21-9/16"		12-5/16" 21-9/16"		12-5/16" 26-3/8"		12-5/16" 26-3/8"		12-5/16" 21-9/16"		12-5/16" 26-3/8"	
Width	inches		24-19/32" 28-11/32"		24-19/32" 28-11/32"		24-19/32" 34-21/32"		24-19/32" 34-21/32"		24-19/32" 28-11/32"		24-19/32" 34-21/32"	
Depth	inches		24-19/32" 10-7/16"		24-19/32" 10-7/16"		24-19/32" 11-7/32"		24-19/32" 11-7/32"		24-19/32" 10-7/16"		24-19/32" 11-7/32"	
Net Weight	Lbs.		41.3 75		41.3 75		41.3 90.4		41.3 90.4		41.3 75		41.3 97	

Ceiling - Recessed Air Conditioners							Ceiling-Recessed H/P							
Model No.	26XW72R		36XW72R		42XW72R		26XHW72R		36XHW72R		42XHW72R			
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		
	XHW2672R	C2672R	XHW3672R	C3672R	XHW4272R	C4272R	XHW2672R	CH2672R	XHW3672R	CH3672R	XHW4272R	CH4272R		
Grille Assembly	PNR-XH2442		PNR-XH3642		PNR-XH3642		PNR-XH2442		PNR-XH3642		PNR-XH3642			
Performance & Electrical Ratings														
Capacity	Cooling	Btu/h	24,800 (9,500 ~ 24,800)		32,600 (9,500 ~ 32,600)		39,500 (9,500 ~ 39,500)		24,800 (9,500 ~ 24,800)		32,600 (9,500 ~ 32,600)		39,500 (9,500 ~ 39,500)	
	Heating	Btu/h	---		---		---		29,800 (8,000 ~ 29,800)		37,600 (8,000 ~ 37,600)		48,000 (8,000 ~ 48,000)	
Moisture Removal	High	Pints/H	8.1		10.6		12.6		8.1		10.6		12.6	
Dry Air Flow	Hi / Med / Low	CFM	710 / 530 / 450		1050 / 840 / 720		1050 / 840 / 720		710 / 530 / 450		1050 / 840 / 720		1050 / 840 / 720	
SEER	Cooling		14.1		14.6		14.6		14.1		14.6		14.6	
EER	Cooling		8.5		8.1		8.7		8.5		8.1		8.7	
HSPF	Heating		---		---		---		9.6		8.4		9.7	
Power Supply	V, Phase, Hz		230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60	
Running Amps	Cooling	A	15.6 / 17.3		18.7 / 20.7		23.0 / 25.4		15.6 / 17.3		18.7 / 20.7		23.0 / 25.4	
	Heating	A	---		---		---		14.8 / 16.4		15.9 / 17.6		22.4 / 24.8	
Power Input	Cooling	W	2,920 / 2,920		3,950 / 3,950		4,520 / 4,520		2,920 / 2,920		3,950 / 3,950		4,520 / 4,520	
	Heating	W	---		---		---		2,790 / 2,790		3,350 / 3,350		4,360 / 4,360	
Back-up Heater		kW	---		---		---		---		---		---	
Fuse or Circuit Breaker Capacity	A		15	30	15	35	15	40	15	30	15	35	15	40
Features														
Controls	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	
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	
Wired Remote Controller (included)	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	
Timer	7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		7 Days/6 Events	
Air Deflection	Horizontal		---		---		---		---		---		---	
	Vertical		Automatic		Automatic		Automatic		Automatic		Automatic		Automatic	
Air Filter	Washable		Washable		Washable		Washable		Washable		Washable		Washable	
Refrigerant	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	
Operation Sound	In(Hi / Me / Lo)	dB-A	38 / 35 / 31		44 / 37 / 33		45 / 38 / 34		38 / 35 / 31		44 / 37 / 33		45 / 38 / 34	
	Outdoor(Hi)	dB-A	49		52		53		49		52		53	
Refrigerant Piping	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	
	Suction	inches	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	
Elevation Difference**	Outdoor Above	Ft.	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	
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Height		inches	13-5/16"	30-23/32"	14-31/64"	30-23/32"	14-31/64"	48-7/16"	13-5/16"	30-23/32"	14-31/64"	30-23/32"	14-31/64"	48-7/16"
Width		inches	33-55/64"	37"	45-9/32"	37"	45-9/32"	37"	33-55/64"	37"	45-9/32"	37"	45-9/32"	37"
Depth		inches	33-55/64"	13-3/8"	33-55/64"	13-3/8"	33-55/64"	13-3/8"	33-55/64"	13-3/8"	33-55/64"	13-3/8"	33-55/64"	13-3/8"
Net Weight		Lbs.	49.0	128.0	60.0	143.0	60.0	220.0	49.0	128.0	60.0	143.0	60.0	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 catalog for more detail.)

Concealed Duct Air Conditioners & Heat Pumps



26UW72R / 26UHW72R

Indoor Unit
UHW2672R
Supplies are 8" dia



Outdoor Unit
C2672R
CH2672R



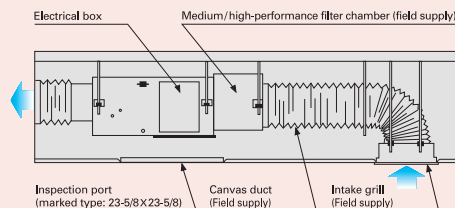
36UW72R / 36UHW72R

Indoor Unit
UHW3672R
Supplies are 8" dia



Outdoor Unit
C3672R
CH3672R

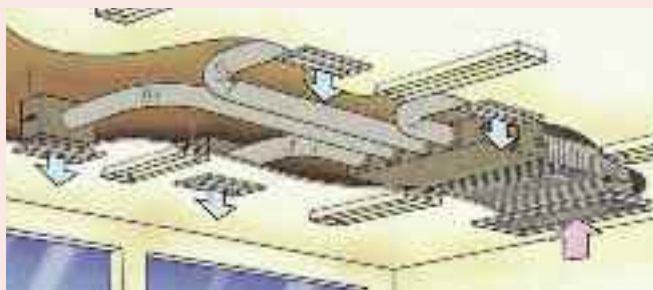
Outline diagram with medium or high-performance filter field installed.



Built-In Drain Pump

Drain pump is built into the unit to raise the condensate up 20 inches from the drain pump discharge.

Installation Example



Above picture shows the standard ducting system, where air is taken in from the back of the unit. This system is useful for places which need extensive air conditioning, including conference halls, showrooms, and restaurants.

			Concealed Duct Air Conditioners				Concealed Duct Heat Pumps			
Model No.			26UW72R		36UW72R		26UHW72R		36UHW72R	
Unit Model No.			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
			UHW2672R	C2672R	UHW3672R	C3672R	UHW2672R	CH2672R	UHW3672R	CH3672R
Performance & Electrical Ratings										
Capacity	Cooling	Btu/h	24,000 (9,500 ~ 24,000)		31,200 (9,500 ~ 31,200)		24,000 (9,500 ~ 24,000)		31,200 (9,500 ~ 31,200)	
	Heating	Btu/h	-		-		28,600 (8,000 ~ 28,600)		36,200 (8,000 ~ 36,200)	
Moisture Removal	High	Pints/H	7.7		10.0		7.7		10.0	
Dry Air Flow	Hi / Med / Low	CFM	670 / 530 / 460		1060 / 920 / 750		670 / 530 / 460		1060 / 920 / 750	
External Static Pressure		in. Aq								
SEER	Cooling		14.0		13.9		14.0		13.9	
EER	Cooling		9.1		7.8		9.1		7.8	
HSPF	Heating						9.0		8.5	
Power Supply	V, Phase, Hz		230 / 208		230 / 208		230 / 208		230 / 208	
Running Amps	Cooling	A	13.6 / 15.0		18.6 / 20.6		13.6 / 15.0		18.6 / 20.6	
	Heating	A					12.5 / 13.8		15.9 / 17.6	
Power Input	Cooling	W	2,600 / 2,600		3,920 / 3,920		2,600 / 2,600		3,920 / 3,920	
	Heating	W	---		---		2,400 / 2,400		3,340 / 3,340	
External Static Pressure		in. WC	0.20		0.24		0.20		0.24	
Fuse or Circuit Breaker Capacity	A		15	30	15	35	15	30	15	35
Features										
Controls			Microprocessor		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control			Built-in 0°F		Built-in 0°F		Built-in 0°F		Built-in 0°F	
Wireless Remote Controller (optional)			RCS-BH80UA-WL		RCS-BH80UA-WL		RCS-BH80UA-WL		RCS-BH80UA-WL	
Wired Remote Controller (included)			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	
Timer			7 Days/6 Events		7 Days/6 Events		7 Days/6 Events		7 Days/6 Events	
Air Deflection	Horizontal		---		---		---		---	
	Vertical		---		---		---		---	
Air Filter			---		---		---		---	
Refrigerant										
Refrigerant control			Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	In(Hi / Me / Lo) dB-A		34 / 30 / 27		38 / 33 / 31		34 / 30 / 27		38 / 33 / 31	
	Outdoor(Hi) dB-A		49		52		49		52	
Refrigerant Piping	Type		Flare Type		Flare Type		Flare Type		Flare Type	
	Discharge	inches	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	
Refrigerant Pipe Length		Ft.	Max. 165Ft		Max. 165Ft		Max. 165Ft		Max. 165Ft	
Elevation Difference**	Outdoor Above	Ft.	Max. 100Ft		Max. 100Ft		Max. 100Ft		Max. 100Ft	
	Outdoor Below	Ft.	Max. 50Ft		Max. 50Ft		Max. 50Ft		Max. 50Ft	
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Height		inches	12-7/32"	30-23/32"	12-7/32"	30-23/32"	12-7/32"	30-23/32"	12-7/32"	30-23/32"
Width		inches	39-3/8"	37"	58-9/32"	37"	39-3/8"	37"	58-9/32"	37"
Depth		inches	24-13/16"	13-3/8"	24-13/16"	13-3/8"	24-13/16"	13-3/8"	24-13/16"	13-3/8"
Net Weight		Lbs.	71.0	128.0	104.0	143.0	71.0	128.0	104.0	143.0
Approvals										

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

Optional Accessories

H.V.A.C. Accessories		
MODEL NO.	DESCRIPTION	USE WITH
DL04060815	Insulated Tubing Kit 1/4" x 3/8" x 1/2" x 15'	09KS71, 09KLS71, 09KHS71, 12KS71, 12KLS71, 12KHS71, 12XLS71, 12XHS71 KMHS0772, KMHS0972, KMHS1272, KMS0772, KMS0972, KMS1272 XMS0972, XMS1272, XMS0972, XMS1272 CM1972A, CM2472A, CM3172A CMH1972A, CMH2472A, CMH3172A
DL04060820	Insulated Tubing Kit 1/4" x 3/8" x 1/2" x 20'	
DL04060835	Insulated Tubing Kit 1/4" x 3/8" x 1/2" x 35'	
DL04080815	Insulated Tubing Kit 1/4" x 1/2" x 1/2" x 15'	18KS72, 18KLS72, 18KHS72, 18XS72, 18XLS72, 18XHS72 KMHS1872, KMS1872, XS1872, XHS1872 CM1972A, CMH1972A CM2472A, CMH2472A CM3172A, CMH3172A
DL04080820	Insulated Tubing Kit 1/4" x 1/2" x 1/2" x 20'	
DL04080835	Insulated Tubing Kit 1/4" x 1/2" x 1/2" x 35'	
DL04100820	Insulated Tubing Kit 1/4" x 5/8" x 1/2" x 20'	24KS72, 24KLS72, 24KHS72 KMHS2472, KMS2472 CM2472, CMH2472A CM3172, CMH3172A
DL04100830	Insulated Tubing Kit 1/4" and 5/8" x 1/2" x 30'	
DL04100850	Insulated Tubing Kit 1/4" and 5/8" x 1/2" x 50'	
DL06100830	Insulated Tubing Kit 3/8" x 5/8" x 1/2" x 30'	All 26,000 Through 42,000 BTU/h Models, 82 Series
DL06100850	Insulated Tubing Kit 3/8" x 5/8" x 1/2" x 50'	All 26,000 Through 42,000 BTU/h Models, 82 Series
CMB-GSJ80U	Fresh Air Intake Plenum	XH/XHW2672R
CMB-GSJ140U	Fresh Air Intake Plenum	XH/XHW3672R, XH/XHW4272R
Display Stand	Display Stand	09KS71, 09KLS71, 09KHS71, 12KS71, 12KLS71, 12KHS71
KA-KS0971	Indoor Display Shell	KS0971 Display Shell
KA-C0971	Outdoor Display Shell	C0971 Display Shell
RCS5PS4B	Locking Bracket for Remote Controller	RCS-SH1UA, RCS-SH80UA-WL, RCS-BH80UA-WL
RCS4MHVB	Locking Bracket for Remote Controller	KS0971, KS1271, KS1872, KS2472, KS3082, KS3682, KHS0971, KHS1271, KHS1872, KHS2472, KHS3082, KHS3682, ALL KMS/KMS/XS/XHS/XMS & XMHS Models
BS600	Mounting Bracket for Outdoor Unit	All C, CL, CH, CM, and CMH Models
SI3100-1	Condensate Pump	All 115 volt Models
SI3100-2	Condensate Pump	All 230 volt Models (up to 2ton)
SI1730-2	Condensate Pump	All 230 volt Models (High Vol. Condensate Removal) (2ton and higher)
STK-RCS-7TWSUA	Wired Remote	KS0971, KS1271, KS1872, KS2472, KS3082, KS3682, KHS0971, KHS1271, KHS1872, KHS2472, KHS3082, KHS3682, ALL KMS/KMS/XS/XHS/XMS & XMHS Models
RCS-KR1EG	Simple Wired Remote	All 26,000 Through 42,000 BTU/h Models, Except 82 Series
STK-KCW1	Wire Kit	PCB Wire Kit for STK-RCS-7TWSU - Required for use with KS0971, KS1271, KS1872, KS2472, KHS0971, KHS1271, KHS1872, KHS2472, ALL KMS/KMS/XS/XHS/XMS & XMHS Models
STK-KCW2	Wire Kit	PCB Wire Kit for STK-RCS-7TWSUA - Required for use with KS3082, KS3682, KHS3082, KHS3682
RCS-TM80BG	Wired Timer Remote Controller	All 26,000 Through 42,000 BTU/h Models, Except 82 Series
RCS-SH1UA	Wireless Remote Controller	KH2672R, KH3072R, KH3672R, KH2672R
RCS-SH80UA-WL	Wireless Remote Controller	TH/THH/THW/THHW2672R, TH/THH/THW/THHW3672R, TH/THW4272R, XH/XHW2672R, XH/XHW3672R, XH/XHW4272R
RCS-BH80UA-WL	Wireless Remote Controller	UH/UHW2672R, UH/UHW3672R
SHA-KC64UG	System Controller	All 26,000 Through 42,000 BTU/h Models, Except 82 Series
STK-FDXB	Apatite Filter (2)	KS0971, KS1271, KS1872, KS2472, KHS0971, KHS1271, KHS1872, KHS2472, KHS3082, KHS3682, KHS3682, ALL KMS/KMS Models
WINDB-1	Wind Baffle	All C, CL, CH, CM and CMH Models



Condensate Drain Pump
SI3100-1
SI3100-2
SI1730-2

Fresh Air Intake Plenum
CMB-GSJ80U
CMB-GSJ140U

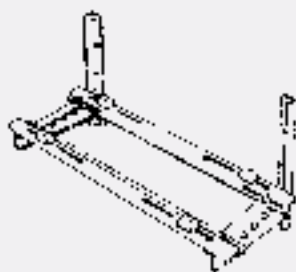


Apatite Filter
STK-FDXB

Locking Bracket for Remote Control
RCS5PS4B
RCS4MHVB



Wired Remote
STK-RCS-7TWSVA



Outdoor Unit Mounting Bracket
BS600



Timer Remote Controller
RCS-TM80BG

OPERATION RANGE

Cooling Model 24,000 Btu and Less

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	50°F DB

Heat Pump Model 24,000 Btu and Less

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	0°F DB
Heating	Maximum	80°F DB / 67°F WB	75°F DB / 65°F WB
	Minimum	-°F DB / -°F WB	0°F DB

Low Ambient Model 24,000 Btu and Less

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	0°F DB

Flex Multi Cooling Model

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	14°F DB

Flex Multi Heat Pump Model

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	14°F DB
Heating	Maximum	80°F DB / 67°F WB	75°F DB / 65°F WB
	Minimum	-°F DB / -°F WB	0°F DB

Cooling Model above 26,000 Btu, Except 82 Series

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	0°F DB

Cooling Model 30KS82/36KS82

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	0°F DB

Heat Pump Model above 26,000Btu, Except 82 Series

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	0°F DB
Heating	Maximum	80°F DB / 67°F WB	75°F DB / 65°F WB
	Minimum	-°F DB / -°F WB	5°F DB

Heat Pump Model 30KHS82/36KHS82

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	0°F DB
Heating	Maximum	80°F DB / 67°F WB	75°F DB / 65°F WB
	Minimum	-°F DB / -°F WB	0°F DB

NOTES:

NOTES:

TUBING SIZES, LENGTHS & ELEVATION DIFFERENCES, REFRIGERANT CHARGE ADJUSTMENT & INSULATION CHART

SYSTEM MODEL#	OD TUBE SIZE (Inches)		MAXIMUM LENGTH (Ft) OF TUBING BETWEEN IN/OUTDOOR	MAXIMUM ELEVATION DIFFERENCE (Ft) BETWEEN IN/OUTDOOR		MAXIMUM LENGTH (Ft) OF TUBING AT SHIPMENT*	REQUIRED ADDITIONAL REFRIGERANT OZ/FT	INSULATION
	NARROW	WIDE		OUTDOOR ABOVE	OUTDOOR BELOW			
09KS71			50'					
09KLS71								
09KHS71								
12KS71		3/8"	65'	23'	23'		R410A 0.16	
12KLS71								
12KHS71								
12XS71								
12XLS71	1/4"					25'		
12XHS71								
18KS72		1/2"	100'	50'	50'		R410A 0.27	
18KLS72								
18KHS72								
18XS72								
18XLS72		5/8"	131'			33'		
18XHS72			98'					
24KS72								
24KLS72								
24KHS72								
26KS72R								
26TW72R								
26XW72R								
26UW72R							R410A 0.43	
26KHS72R								
26THW72R								
26XHW72R								Both Tubes
26UHW72R								
30KS82								
30KHS82								
36KS82	3/8"	5/8"	165'	100'	50'	100'	R410A 0.27	
36KHS82								
36KS72R								
36TW72R								
36XW72R								
36UW72R								
36KHS72R							R410A 0.43	
36THW72R								
36XHW72R								
36UHW72R								
36THHW72R								
42TW72R								
42XW72R								
42THW72R								
42XHW72R								
CM1972A		3/8"x3	82'	50'	50'	150'	R410 0.22	
CMH1972A	1/4"	3/8"x3, 1/2"x1						
CM2472A								
CMH2472A								
CM3172A		3/8"x2, 1/2"x2	100'					
CMH3172A								



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SANYO North America
Commercial Solutions Division / HVAC
1690 Roberts Blvd. NW, Suite 110
Kennesaw, GA 30152, USA
website: <http://us.sanyo.com/hvac>
1-800-851-1235