

INDOOR UNITS

Ceiling suspended (non-ducted)

Ceiling Suspended indoor units have a stylized design and color that make them among the most elegant units on the market. Units are equipped with an automatic swing louver to ensure even air distribution.



Capacities 15,000 to 36,000 Btu/hr



Key Features

- New fan design for high efficiency and low noise
- Flexible installation for high ceilings
- Cooling and heating auto-changeover dual-setpoint control
- Setback temperature control
- Auxiliary/emergency heater control
- Sensor enables remote reading of air supply temperature
- GentleCool feature enables discharge air temperature to be set, eliminating the rush of cold air that can occur when air conditioning first comes on for more comfortable cooling
- Optional energy-saving motion and radiant heat sensor for optimized airflow and temperature control in response to room occupancy

Tonnage			1.3		2.0		2.5		3.0		
Ceiling Suspended Indoor Unit Model #			HICS015B2(2,3)S		HICS024B2(2,3)S		HICS030B2(2,3)S		HICS036B2(2,3)S		
Power Supply			AC 1Phase, 208/230V, 60Hz								
Nominal Cooling Capacity ¹	Btu / h	(kW)	15,000	(4.4)	24,000	(7.0)	30,000	(8.8)	36,000	(10.5)	
Nominal Heating Capacity ¹	Btu / h	(kW)	17,000	(5.0)	27,000	(7.9)	34,000	(10.0)	40,000	(11.7)	
Sound Pressure Level ² (Overall A Scale) (Hi2-Hi-Me-Lo)	dB		38-35-31-28		43-40-36-31		44-42-37-32		48-45-41-35		
Outer Dimensions	Height	in. (mm)	9-1/4	(235)	9-1/4	(235)	9-1/4	(235)	9-1/4	(235)	
	Width	in. (mm)	37-13/16	(960)	50	(1270)	62-3/16	(1580)	62-3/16	(1580)	
	Depth	in. (mm)	27-3/16	(690)	27-3/16	(690)	27-3/16	(690)	27-3/16	(690)	
Net Weight	lbs.	(kg)	59	(27)	77	(35)	90	(41)	90	(41)	
Refrigerant			R410A								
Indoor Fan	Airflow Rate (Hi ² -Hi-Me-Lo)	cfm	530-459-388-318		847-741-635-512		1059-935-777-600		1236-1094-900-706		
		(m ³ /min)	(15-13-11-9)		(24-21-18-14.5)		(30-26.5-22-17)		(35-31-25.5-20)		
Motor Nominal Output		W	50		80		160		160		
Connections											
Refrigerant Piping			Flare-Nut Connection (with Flare Nuts)								
	Liquid Line	in. (mm)	1/4	(6.35)	3/8	(9.52)	3/8	(9.52)	3/8	(9.52)	
	Gas Line	in. (mm)	1/2	(12.70)	5/8	(15.88)	5/8	(15.88)	5/8	(15.88)	
Condensate Drain	OU	in. (mm)	1-1/4	(32)	1-1/4	(32)	1-1/4	(32)	1-1/4	(32)	

NOTES:

1. Nominal capacity conditions are based on AHRI standard. Visit www.ahrinet.org for more information.
2. The sound pressure level is based on the following conditions: 4.9 ft. (1.5m) beneath the units. The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

Ceiling Suspended			
Compatible Accessories	HICS015B2(2,3)S	HICS024B2(2,3)S	HICS030-036B2(2,3)S
Filter Box	B-56MP	B-90MP	B-160MP
IR Receiver Kit	CSIRK01	CSIRK01	CSIRK01
Condensate Pump Kit	DUPC-63K1	DUPC-160K1	DUPC-160K1
3-Pin Connector Cable	PCC-1A	PCC-1A	PCC-1A
Connector Cable for Auxiliary Heater	PCC-CN8-H	PCC-CN8-H	PCC-CN8-H
Duct Adapter	PD-100	PD-100	PD-100
Relay and 3-Pin Connector Kit	PSC-5RA	PSC-5RA	PSC-5RA
Motion Sensor Kit (for Ceiling Suspended)	SOR-NEP	SOR-NEP	SOR-NEP
Remote Sensor (Control)	THM-R2A	THM-R2A	THM-R2A