

DUCTED MEDIUM STATIC



Capacities: 6,000 to 54,000 Btu/hr



MODEL CIR01



MODEL CIS01



MODEL CIW01

Tonnage			0.5		0.7		1.0		1.3		1.5	
Ducted Medium Static Indoor Unit Model #			HIDM006B22S		HIDM008B22S		HIDM012B22S		HIDM015B22S		HIDM018B22S	
Power Supply			AC 1 Phase, 208/230V, 60Hz									
Nominal Cooling Capacity ¹		Btu/h	6,000		8,000		12,000		15,000		18,000	
		(kW)	(1.8)		(2.4)		(3.6)		(4.4)		(5.3)	
Nominal Heating Capacity ¹		Btu/h	6,700		9,000		13,500		17,000		20,000	
		(kW)	(2.0)		(2.7)		(4.0)		(5.0)		(5.9)	
Sound Pressure Level ² (Overall A Scale) (Hi2-Hi-Me-Lo)		dB	32-30-28-27		33-31-29-28		38-35-32-30		40-37-34-31		37-35-33-31	
Outer Dimensions	Height	in. (mm)	9-13/16	(250)	9-13/16	(250)	9-13/16	(250)	9-13/16	(250)	9-13/16	(250)
	Width	in. (mm)	27-9/16	(700)	27-9/16	(700)	27-9/16	(700)	27-9/16	(700)	41-5/16	(1050)
	Depth	in. (mm)	31-1/2	(800)	31-1/2	(800)	31-1/2	(800)	31-1/2	(800)	31-1/2	(800)
Net Weight		lbs. (kg)	57	(26)	57	(26)	60	(27)	60	(27)	79	(36)
Refrigerant			R410A									
Indoor Fan	Air Flow Rate (Hi2-Hi-Me-Lo)	cfm	300-265-229-194		335-300-265-229		459-406-353-300		512-459-388-335		653-582-494-424	
		(m3/min)	(8.5-7.5-6.5-5.5)		(9.5-8.5-7.5-6.5)		(13-11.5-10-8.5)		(14.5-13-11-9.5)		(18.5-16.5-14-12)	
External Pressure ³ Std (High1-High2)		in. W.G.	0.2 (0.4-0.6)		0.2 (0.4-0.6)		0.2 (0.4-0.6)		0.2 (0.4-0.6)		0.2 (0.4-0.6)	
		(Pa)	(50 (100-150))		(50 (100-150))		(50 (100-150))		(50 (100-150))		(50 (100-150))	
Motor Nominal Output		W	157		157		157		157		190	
Connections												
Refrigerant Piping			Flare-Nut Connection (with Flare Nuts)									
	Liquid Line	in. (mm)	1/4	(6.35)	1/4	(6.35)	1/4	(6.35)	1/4	(6.35)	3/8	(9.52)
	Gas Line	in. (mm)	1/2	(12.7)	1/2	(12.7)	1/2	(12.7)	1/2	(12.7)	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)	1-1/4	(32)

Ducted Medium Static			
Compatible Accessories	HIDM006-015B22S	HIDM018-027B22S	HIDM030-054B22S
Filter Box for Long-Life Filter	B-56LI	B-90LI	B-160LI
Infrared (IR) Receiver Kit	CWDIRK01	CWDIRK01	CWDIRK01
Long-Life Filter	F-56LI	F-90LI	F-160LI
3-Pin Connector Cable	PCC-1A	PCC-1A	PCC-1A
Connector Cable for Auxiliary Heater	PCC-6A	PCC-6A	PCC-6A
Relay and 3-Pin Connector Kit	PSC-5RA	PSC-5RA	PSC-5RA
Motion Sensor Kit (for Ducted Indoor Units)	SOR-NEZ	SOR-NEZ	SOR-NEZ
Remote Sensor (Control)	THM-R2A	THM-R2A	THM-R2A

DUCTED MEDIUM STATIC (CONTINUED)

These indoor units feature higher static pressure: up to 0.6" for Medium Static Indoor Units.

Key Features

- High-efficiency DC fan motor
- Multiple fan speed settings
- Up to 0.6 in. WG static pressure
- Bottom access for easy service and troubleshooting
- Built-in condensate pump
- Auxiliary/emergency heater control
- Setback temperature control
- Cooling and heating auto-changeover dual-setpoint control
- 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.

Tonnage			2.0		2.3		2.5		3.0		4.0		4.5	
Ducted Medium Static Indoor Unit Model #			HIDM024B22S		HIDM027B22S		HIDM030B22S		HIDM036B22S		HIDM048B22S		HIDM054B22S	
Power Supply			AC 1 Phase, 208/230V, 60Hz											
Nominal Cooling Capacity ¹		Btu/h	24,000		27,000		30,000		36,000		48,000		54,000	
		(kW)	(7.1)		(8.0)		(8.8)		(10.6)		(14.1)		(15.8)	
Nominal Heating Capacity ¹		Btu/h	27,000		30,000		34,000		40,000		54,000		60,000	
		(kW)	(8.0)		(8.8)		(10.0)		(11.8)		(15.8)		(17.6)	
Sound Pressure Level ² (Overall A Scale) (Hi2-Hi-Me-Lo)		dB	39-37-34-32		39-37-34-32		40-38-35-32		42-39-36-34		43-40-37-34		43-40-37-34	
Outer Dimensions	Height	in.(mm)	9-13/16	(250)	9-13/16	(250)	9-13/16	(250)	9-13/16	(250)	9-13/16	(250)	9-13/16	(250)
	Width	in.(mm)	41-5/16	(1050)	41-5/16	(1050)	55-1/8	(1400)	55-1/8	(1400)	55-1/8	(1400)	55-1/8	(1400)
	Depth	in.(mm)	31-1/2	(800)	31-1/2	(800)	31-1/2	(800)	31-1/2	(800)	31-1/2	(800)	31-1/2	(800)
Net Weight		lbs.(kg)	79	(36)	79	(36)	97	(44)	97	(44)	97	(44)	97	(44)
Refrigerant			R410A											
Indoor Fan	Air Flow Rate (Hi2-Hi-Me-Lo)	cfm	759-671-582-494		759-671-582-494		1059-935-812-706		1183-1041-918-777		1271-1112-971-847		1271-1112-971-847	
		(m3/min)	(21.5-19-16.5-14)		(21.5-19-16.5-14)		(30-26.5-23-20)		(33.5-29.5-26-22)		(36-31.5-27.5-24)		(36-31.5-27.5-24)	
External Pressure ³ Std (High1-High2)		in. W.G.	0.2 (0.4-0.6)		0.2 (0.4-0.6)		0.2 (0.4-0.6)		0.2 (0.4-0.6)		0.2 (0.4-0.6)		0.2 (0.4-0.6)	
		(Pa)	(50 (100-150))		(50 (100-150))		(50 (100-150))		(50 (100-150))		(50 (100-150))		(50 (100-150))	
Motor Nominal Output		W	190		190		259		259		259		259	
Connections														
Refrigerant Piping			Flare-Nut Connection (with Flare Nuts)											
	Liquid Line	in.(mm)	3/8	(9.52)	3/8	(9.52)	3/8	(9.52)	3/8	(9.52)	3/8	(9.52)	3/8	(9.52)
	Gas Line	in.(mm)	5/8	(15.88)	5/8	(15.88)	5/8	(15.88)	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)	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 unit.
The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.
3. The data for external pressure 3 indicates Standard Pressure Setting
(High Pressure Setting 1 - High Pressure Setting 2) values when a filter is not used. The sound pressure level is based on the Standard Pressure Setting.