DUCTED HIGH STATIC

These indoor units now feature higher static pressure:
Up to 0.8” for 1.3 - 4.5 ton units and up to 1.2” for 6 and 8 ton units.



Capacities: 15,000 to 96,000 Btu/hr

Key Features

- High-efficiency AC fan motor
- Multiple fan speed settings
- Bottom access for easy service
- Built-in condensate pump
- Auxiliary/emergency heater control
- Sensor enables remote reading of air supply temperature
- Cooling and heating auto-changeover dual-setpoint control
- GentleCool feature enables discharge air temperature to be set for more comfortable cooling, eliminating the rush of cold air that can occur when air conditioning first comes on.

Tonnage			1.3		1.5		2.0		2.3		2.5	
Ducted High Static Indoor Unit Model #			HIDH015B22S		HIDH018B22S		HIDH024B22S		HIDH027B22S		HIDH030B22S	
Power Supply			AC 1 Phase, 208/230V, 60Hz									
Nominal Cooling Capacity [1]		Btu/h	15,000		18,000		24,000		27,000		30,000	
		(kW)	(4.4)		(5.3)		(7.1)		(8.0)		(8.8)	
Nominal Heating Capacity [1]		Btu/h	17,000		20,000		27,000		30,000		34,000	
		(kW)	(5.0)		(5.9)		(8.0)		(8.8)		(10.0)	
Sound Pressure Level [2] (Overall A Scale) (Hi2-Hi-Me-Lo)		dB	41-38-35-32		37-35-32-30		40-37-34-32		40-37-34-32		40-37-34-32	
Outer Dimensions	Height	in.(mm)	11-13/16	(300)	11-13/16	(300)	11-13/16	(300)	11-13/16	(300)	11-13/16	(300)
	Width	in.(mm)	27-9/16	(700)	41-5/16	(1050)	41-5/16	(1050)	41-5/16	(1050)	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)
Net Weight		lbs.(kg)	64	(29)	84	(38)	84	(38)	84	(38)	106	(48)
Refrigerant			R410A									
Indoor Fan	Air Flow Rate (Hi2-Hi-Me-Lo)	cfm	512-459-388-335		653-582-512-424		759-671-582-494		759-671-582-494		1059-935-812-706	
		(m3/min)	(14.5-13-11-9.5)		(18.5-16.5-14.5-12)		(21.5-19-16.5-14)		(21.5-19-16.5-14)		(30-26.5-23-20)	
External Pressure [3] Std (High1 - High2)		in. W.G.	0.2 (0.4-0.8)		0.2 (0.4-0.8)		0.2 (0.4-0.8)		0.2 (0.4-0.8)		0.2 (0.4-0.8)	
		(Pa)	(50 (100-200))		(50 (100-200))		(50 (100-200))		(50 (100-200))		(50 (100-200))	
Motor Nominal Output		W	157		190		190		190		259	
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)	3/8	(9.52)
	Gas Line	in.(mm)	1/2	(12.7)	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)

Ducted High Static				
Compatible Accessories	HIDH015B22S	HIDH018-027B22S	HIDH030-054B22S	HIDH072-096B21S
Filter Box for Long-Life Filter	B-56LI	B-90LI	B-160LI	—
Infrared (IR) Receiver Kit	CWDIRK01	CWDIRK01	CWDIRK01	CWDIRK01
Long-Life Filter	F-56LI	F-90LI	F-160LI	
3-Pin Connector Cable	PCC-1A	PCC-1A	PCC-1A	PCC-1A
Connector Cable for Auxiliary Heater	PCC-6A	PCC-6A	PCC-6A	PCC-CN1925-H
Relay and 3-Pin Connector Kit	PSC-5RA	PSC-5RA	PSC-5RA	PSC-5RA
Motion Sensor Kit (for Ducted Indoor Units)	SOR-NEZ	SOR-NEZ	SOR-NEZ	—
Seismic Suspension Bracket	—	—	—	SSB-IDH01
Remote Sensor (Control)	THM-R2A	THM-R2A	THM-R2A	THM-R2A

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DUCTED HIGH STATIC
(CONTINUED)



MODEL CIR01



MODEL CIS01



MODEL CIW01



Capacities: 15,000 to 96,000 Btu/hr

Tonnage			3.0		4.0		4.5		6.0		8.0	
Ducted High Static Indoor Unit Model #			HIDH036B22S		HIDH048B22S		HIDH054B22S		HIDH072B21S		HIDH096B21S	
Power Supply			AC 1 Phase, 208/230V, 60Hz									
Nominal Cooling Capacity [1]		Btu/h	36,000		48,000		54,000		72,000		96,000	
		(kW)	(10.6)		(14.1)		(15.8)		(21.1)		(28.2)	
Nominal Heating Capacity [1]		Btu/h	40,000		54,000		60,000		81,000		108,000	
		(kW)	(11.8)		(15.8)		(17.6)		(23.8)		(31.7)	
Sound Pressure Level [2] (Overall A Scale) (Hi2-Hi-Me-Lo) [(Hi-Lo) (208/230V) for 6.0, 8.0 Ton]		dB	42-39-36-33		44-40-37-34		44-40-37-34		47-43/50-47		51-46/54-50	
Outer Dimensions	Height	in.(mm)	11-13/16	(300)	11-13/16	(300)	11-13/16	(300)	18-3/8	(466)	18-3/8	(466)
	Width	in.(mm)	55-1/8	(1400)	55-1/8	(1400)	55-1/8	(1400)	49-3/16	(1250)	49-3/16	(1250)
	Depth	in.(mm)	31-1/2	(800)	31-1/2	(800)	31-1/2	(800)	44-1/8	(1120)	44-1/8	(1120)
Net Weight		lbs.(kg)	106	(48)	106	(48)	106	(48)	258	(117)	258	(117)
Refrigerant			R410A									
Indoor Fan	Air Flow Rate (Hi2-Hi-Me-Lo)	cfm	1183-1041-918-777		1271-1112-971-847		1271-1112-971-847		2047-1765		2542-2189	
		(m3/min)	(33.5-29.5-26-22)		(36-31.5-27.5-24)		(36-31.5-27.5-24)		(58.0-50.0)		(72.0-62.0)	
External Pressure [3] Std (High1-High2) [(Std (High)) (208/230V) for 6.0, 8.0 Ton]		in. W.G.	0.2 (0.4-0.8)		0.2 (0.4-0.8)		0.2 (0.4-0.8)		0.28/0.64 (0.88/1.16)		0.32/0.64 (0.88/1.16)	
		(Pa)	(50 (100-200))		(50 (100-200))		(50 (100-200))		(70/160 (220/290))		(80/160 (220/240))	
Motor Nominal Output		W	259		259		259		840 (420x2pcs)		1240 (620x2pcs)	
Connections												
Refrigerant Piping			Flare-Nut Connection (with Flare Nuts)						Brazed		Brazed	
	Liquid Line	in.(mm)	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)	3/4	(19.05)	7/8	(22.20)
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)

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.

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