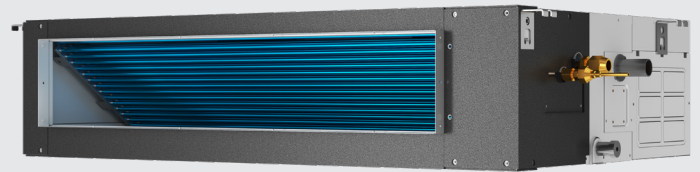


LIGHT COMMERCIAL PRODUCTS

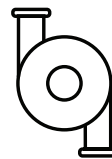


HIGH EFFICIENCY AND ENERGY SAVINGS/SINGLE AND MULTI-ZONE



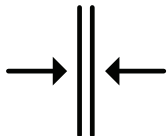
QUIET OPERATION

High efficiency DC fan motor and optimized air duct design enables 35dB quiet operation.



47 INCH LIFT PUMP

Built in pump provides up to 47 inches of lift for proper condensate drainage.



9.65 INCH ULTRA-THIN DESIGN

The ultra-thin body of 9.65 inches greatly saves the installation area and can match a variety of interior design styles.



FRESH AIR INTAKE

Up to 15% fresh air volume.



Light Commercial Slim Duct System - Single Zone (with BreezeIN 24 Series ODU)

MODEL NUMBER - IDU			H09DTHU1XAE	H12DTHU1XAE	H18DTHU1XAE	H24DTHU1XAE
MODEL NUMBER - ODU			H09SBH23XPC	H12SBH23XPC	H18SBH22XPC	H24SBH20XPC
System Type			Heat Pump			
SYSTEM PERFORMANCE						
AHRI Certificate			215570371	215570373	215570375	215570377
Cooling at 95°F (35°C)	Capacity (Min - Max)	BTU/h	9,500 (2,000 - 10,400)	11,000 (2,000 - 12,300)	17,000 (6,000 - 19,400)	22,000 (7,550 - 24,600)
	Rated Input Power	W	750	940	1,450	1,870
	Rated Current	A	4.9	6.2	6.4	11.2
	SEER2 / EER2		20.5 / 12.5	19 / 11.7	21 / 11.7	19 / 11.7
Heating at 47°F (8.3°C)	Capacity (Min - Max)	BTU/h	10,000 (2,500 - 12,300)	12,000 (3,100 - 12,300)	18,000 (4,000 - 21,400)	25,000 (8,700 - 28,500)
	Rated Input Power	W	800	1,030	1,805	2,030
	Rated Current	A	5.2	5.2	8.3	13.3
	HSPF2 / COP		9.5 / 3.7	8.1 / 3.5	8.1 / 2.9	9.5 / 3.45
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/H	6,100	7,500	11,000	15,100
Heating at 5°F (-15°C)	Max. Capacity	BTU/h	7,600	8,900	13,400	19,300
	COP		1.85	1.80	1.78	2.00
ENERGY STAR® Certified			YES	YES	YES	YES
Ambient Temperature Range	Cooling	°F (°C)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)
	Heating	°F (°C)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)
ELECTRICAL						
Power Supply		208-230V / 1Ph / 60Hz				
Voltage Range (Min - Max)		165 - 265				
Min. Circuit Ampacity - MCA	A	10	10	11	15	
Max. Circuit Breaker (MOCP)	A	15	15	17	20	
Max. FUSE Size	A	15	15	17	20	
Main Power Wire Size	AWG	Per Local Code				
Connection Wiring	AWG	16AWG*4 Stranded, unshielded, TC-ER Type				
REFRIGERANT PIPING						
Refrigerant Type / Charged	oz	R454b / 25.04	R454b / 35.27	R454b / 45.5	R454b / 55.03	
Pre-Charge Length Total	ft (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	
Additional Charge	oz/ft	0.11	0.11	0.11	0.11	
Design Pressure	PSIG	600	600	600	600	
Line Set Sized (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	
Line Set Length (Min - Max)	ft (m)	16 - 50 (5 - 15)	16 - 50 (5 - 15)	16 - 65 (5 - 20)	16 - 65 (5 - 20)	
Max. Pipe Elevation	ft (m)	33 (10)	33 (10)	49 (15)	49 (15)	
INDOOR UNIT DATA						
Indoor Motor Type		DC				
Thermostat type		Programmable Wired Controller with Wi-Fi® & Voice Control				
Air Flow (Tu/Hi/Mi/Lo/Mu)	CFM	335/305/276/182/182	360/330/270/210/180	500/426/370/300/247	741/623/558/529/470	
Sound Pressure Level (Tu/Hi/Mi/Lo/Mu)	dB(A)	42/39/34/28/28	44/41/35/33/32	48/44/41/36/33	51/49/46/39/34	
External Dimensions (W x H x D)	in	27 9/16 ½ 7 7/8 ½ 19 3/10	27 9/16 ½ 7 7/8 ½ 19 3/10	36 1/4 ½ 7 7/8 ½ 19 3/10	43 5/16 ½ 7 7/8 ½ 19 3/10	
	mm	700 ½ 200 ½ 490	700 ½ 200 ½ 490	920 ½ 200 ½ 490	1100 ½ 200 ½ 490	
Package Dimensions (W x H x D)	in	35 7/16 ½ 9 13/16 ½ 21 7/8	35 7/16 ½ 9 13/16 ½ 21 7/8	44 1/8 ½ 9 13/16 ½ 21 7/8	50 13/16 ½ 9 5/8 ½ 22 1/4	
	mm	900 ½ 250 ½ 555	900 ½ 250 ½ 555	1120 ½ 250 ½ 555	1290 ½ 245 ½ 565	
Weight (Net / Gross)	lbs	33.1 / 40.8	33.1 / 40.8	39.7 / 46.3	50.7 / 58.4	
	kgs	15 / 18.5	15 / 18.5	18 / 21	23 / 26.5	
OUTDOOR UNIT DATA						
Compressor Type		Inverter				
Motor Type		DC				
Throttle type		Capillary				
Air Flow (Max.)	CFM	1,170	1,170	1,890	2,100	
Sound Pressure Level	dB(A)	54	56	59	61	
External Dimensions (W x H x D)	in	31 7/8 ½ 21 5/8 ½ 12	31 7/8 ½ 21 5/8 ½ 12	36 1/2 ½ 27 1/2 ½ 14 15/16	38 1/2 ½ 31 5/8 ½ 16 9/16	
	mm	810 ½ 549 ½ 305	810 ½ 549 ½ 305	927½ 699 ½ 380	978½803 ½ 421	
Package Dimensions (W x H x D)	in	33 9/16 ½ 23 5/8 ½ 14 1/8	33 9/16 ½ 23 5/8 ½ 14 1/8	37 13/16 ½ 28 13/16 ½ 16 15/16	40 1/4 ½ 32 7/8 ½ 18 7/8	
	mm	852½600 ½ 358	852½600 ½ 358	960 ½732 ½ 430	1022½835½ 480	
Weight (Net / Gross)	lbs	52.7 / 59.7	58.4 / 69.4	86 / 93	104.7 / 125.7	
	kgs	23.9 / 27.1	26.5 / 31.5	39 / 42.2	47.5 / 57	
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 Days of Installation-Residential				