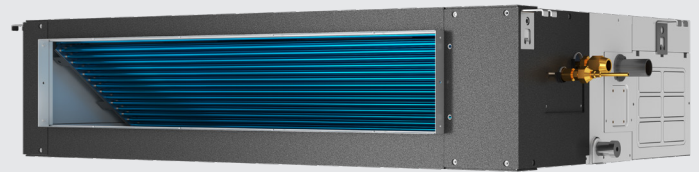


## LIGHT COMMERCIAL PRODUCTS

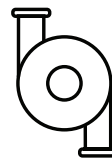


### HIGH EFFICIENCY AND ENERGY SAVINGS/SINGLE AND MULTI-ZONE



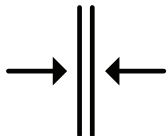
#### QUIET OPERATION

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 |                            |                                |                           |                         |