

# Silent Units Range

# BIOMA

## Product benefits



Multi refrigerant platform:  
R452A, R449A, R448A,  
R404A, R134a, R513A



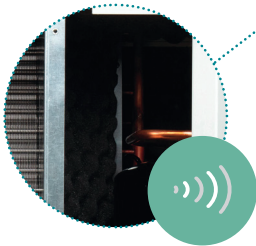
### INNOVATIVE DESIGN

- Hidden fan - Stylish design for a new experience
- Unique airflow management
- Mini channel condenser - 40% less refrigerant charge



### COMPACTNESS

- Optimized dimensions to reduce surface area
- Stackability: Unique offer to stack units from different dimensions



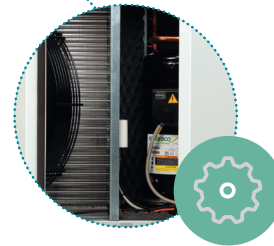
### PERFORMANCE AND OPTIMIZED SOUND LEVEL

- Robust design to absorb vibration and noise with improved outdoor performances
- Improved efficiency with Variable Speed technology
- Sound level as low as 28dB (A)
- Acoustic jacket on scroll
- Fan speed controller as standard
- 5 faces insulated with acoustic foam



### ACCESSIBILITY

- 3 door access on hinges - ¼ turn door lock to open/close
- Direct access to components you can set or change
- Direct access to fan and condenser



### FLEXIBILITY

- Multi-Refrigerant platform: R452A, R449A, R448A, R134a, R513A
- Fully equipped electrical box
- Condenser treatment against corrosive environment

# BIOMA

## Technical Data

### MED TEMPERATURE R134a

| MODEL  | CAPACITY WATTS<br>-5 SST / 32 AMB |  | Dimensions (mm) |       |        | Weight   | Compressor<br>MRA | Fan |                                | Liquid<br>receiver | Connections (SAE) |                 | Sound<br>Pressure |
|--|-----------------------------------|--|-----------------|-------|--------|----------|-------------------|-----|--------------------------------|--------------------|-------------------|-----------------|-------------------|
|  | R134a                             |  | Length          | Width | Height | Net (kg) | (Amps)            | Qty | Airflow<br>(m <sup>3</sup> /h) | (dm <sup>3</sup> ) | Liquid<br>(mm)    | Suction<br>(mm) | dBA @ 3m          |
| Compressor 230V - 1ph - 50Hz / Fan 230V - 1ph - 50Hz |                                   |  |                 |       |        |          |                   |     |                                |                    |                   |                 |                   |
| UP-NEU6214Z  | 1083                              |  | 948             | 418   | 600    | 54       | 3.3               | 1   | 1695                           | 1.6                | 1/4               | 3/8             | 41                |
| UP-NJ6220Z   | 1432                              |  | 948             | 418   | 600    | 54       | 6.2               | 1   | 1695                           | 1.6                | 1/4               | 1/2             | 42                |
| UP-NJ6226Z   | 1799                              |  | 948             | 418   | 600    | 56       | 6.5               | 1   | 1523                           | 1.6                | 1/4               | 1/2             | 42                |
| UP-SE6015GK  | 2729                              |  | 1048            | 418   | 708    | 91       | 8.4               | 1   | 2673                           | 3.9                | 1/2               | 3/4             | 46                |
| UP-SE6018GK  | 3252                              |  | 1048            | 418   | 708    | 91       | 9.8               | 1   | 2545                           | 3.9                | 1/2               | 3/4             | 46                |
| UP-SE6021GK  | 3660                              |  | 1048            | 418   | 708    | 92       | 10.9              | 1   | 2545                           | 3.9                | 1/2               | 3/4             | 46                |

Capacity; Ambient Temp. 32°C, Superheating 10K, 0 K Subcooling

### MED TEMPERATURE R404A / R448A

| MODEL  | CAPACITY WATTS<br>-5 SST / 32 AMB |       | Dimensions (mm) |       |        | Weight   | Compressor<br>MRA | Fan |                                | Liquid<br>receiver | Connections (SAE) |                 | Sound<br>Pressure |
|--|-----------------------------------|-------|-----------------|-------|--------|----------|-------------------|-----|--------------------------------|--------------------|-------------------|-----------------|-------------------|
|  | R404A                             | R448A | Length          | Width | Height | Net (kg) | (Amps)            | Qty | Airflow<br>(m <sup>3</sup> /h) | (dm <sup>3</sup> ) | Liquid<br>(mm)    | Suction<br>(mm) | dBA @ 3m          |
| Compressor 230V - 1ph - 50Hz / Fan 230V - 1ph - 50Hz |                                   |       |                 |       |        |          |                   |     |                                |                    |                   |                 |                   |
| UP-NT6224GK  | 2002                              | 1999  | 948             | 418   | 600    | 62       | 5.7               | 1   | 1523                           | 2.3                | 3/8               | 1/2             | 42                |
| UP-NT6226GK  | 2169                              | 2207  | 948             | 418   | 600    | 63       | 6.8               | 1   | 1523                           | 2.3                | 3/8               | 1/2             | 42                |
| UP-NJ9232GK  | 2367                              | 2535  | 948             | 418   | 600    | 69       | 6.4               | 1   | 1523                           | 2.3                | 3/8               | 5/8             | 43                |
| UP-NTU6238GKV  | 2680                              | 2764  | 948             | 418   | 600    | 66       | 8.8               | 1   | 1523                           | 2.3                | 3/8               | 5/8             | 43                |
| UP-SE6015GK  | 4268                              | 4425  | 1048            | 418   | 708    | 91       | 8.4               | 1   | 2673                           | 3.9                | 1/2               | 3/4             | 46                |
| UP-SE6018GK  | 5078                              | 5272  | 1048            | 418   | 708    | 91       | 9.8               | 1   | 2545                           | 3.9                | 1/2               | 3/4             | 46                |
| UP-SE6021GK  | 5629                              | 5872  | 1048            | 418   | 708    | 92       | 10.9              | 1   | 2545                           | 3.9                | 1/2               | 3/4             | 46                |

Capacity; Ambient Temp. 32°C, Superheating 10K, 0 K Subcooling

### LOW TEMPERATURE R404A / R448A

| MODEL  | CAPACITY WATTS<br>-25 SST / 32 AMB |       | Dimensions (mm) |       |        | Weight   | Compressor<br>MRA | Fan |                                | Liquid<br>receiver | Connections (SAE) |                 | Sound<br>Pressure |
|--|------------------------------------|-------|-----------------|-------|--------|----------|-------------------|-----|--------------------------------|--------------------|-------------------|-----------------|-------------------|
|  | R404A                              | R448A | Length          | Width | Height | Net (kg) | (Amps)            | Qty | Airflow<br>(m <sup>3</sup> /h) | (dm <sup>3</sup> ) | Liquid<br>(mm)    | Suction<br>(mm) | dBA @ 3m          |
| Compressor 230V - 1ph - 50Hz / Fan 230V - 1ph - 50Hz |                                    |       |                 |       |        |          |                   |     |                                |                    |                   |                 |                   |
| UP-SE2006GK  | 1815                               | 1864  | 1048            | 418   | 708    | 91       | 5.1               | 1   | 2673                           | 3.9                | 3/8               | 3/4             | 46                |
| UP-SE2008GK  | 2250                               | 2326  | 1048            | 418   | 708    | 91       | 6.6               | 1   | 2673                           | 3.9                | 3/8               | 3/4             | 46                |
| UP-SE2010GK  | 2582                               | 2681  | 1048            | 418   | 708    | 91       | 7.7               | 1   | 2673                           | 3.9                | 3/8               | 3/4             | 46                |

Capacity; Ambient Temp. 32°C, Superheating 10K, 0 K Subcooling

Please contact Beijer Ref for ratings at other conditions or with other refrigerants.