

## SILENCIO



Silencio

### Function

The Silencio is an outdoor air conditioner specifically designed to control the internal environment of outdoor communications enclosures at a minimum of externally generated sound. Designed to remove excess heat from temperature sensitive electronic equipment where the equipment temperature is required to be maintained within defined limits to achieve optimum performance and to maximize component life.

### STANDARD FEATURES

|                   |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| Emergency cooling | Emergency cooling with 48 VDC.                                                                               |
| Cabinet           | Wall mounted outdoor installation                                                                            |
|                   | High strength aluzink cabinet with pitched roof, powder painted.                                             |
| Active cooling    | Condenser fan speed control                                                                                  |
|                   | Evaporator fan speed control                                                                                 |
|                   | High and low pressure stats, automatic reset                                                                 |
|                   | Refrigerant R407c, environmental friendly                                                                    |
| Energy saving     | Modulating damper for free cooling 0-100 %                                                                   |
|                   | Energy saving free cooling                                                                                   |
|                   | Emergency state by use of free cooling (48Vdc fans)                                                          |
| Heat              | F5 panel filter and filterguard                                                                              |
|                   | Heater kit 2.0 kW                                                                                            |
| Control           | Variable heating and cooling temperature settings                                                            |
|                   | Service mode; provides comfort situation for service personnel                                               |
|                   | Integrated self-test switch                                                                                  |
|                   | 3 potential free alarm outputs with corresponding LED indicators on control panel (warning, fault and alarm) |

### ACCESSORIES

|                                                          |
|----------------------------------------------------------|
| Alarm Cable – various extensions                         |
| Hot spot sensor                                          |
| Humidity controller                                      |
| Interconnection cable and random start of multiple units |
| Occupied switch – for service mode                       |
| Smoke alarm cable – various extensions                   |
| Smoke detector kit                                       |
| LCD information display/control panel - DanView          |
| Dancon test kit for lap top                              |
| Remote telemetry control/ alarm capability - DanLink     |

## TECHNICAL DATA

|                    | Performance<br>kW<br>nominal | Performance<br>Btu/hour<br>nominal | Dimension<br>H x W x D<br>mm EA model <sup>*)</sup> |
|--------------------|------------------------------|------------------------------------|-----------------------------------------------------|
| <b>Silencio 6</b>  | 50 Hz: 6.0                   | 50Hz: 20,400                       | 1895 x 900 x 790                                    |
| <b>Silencio 8</b>  | 50 Hz: 8.0                   | 50Hz: 27,300                       | 1895 x 900 x 790                                    |
| <b>Silencio 10</b> | 50 Hz: 10.0                  | 50Hz: 34,100                       | 1895 x 900 x 790                                    |
| <b>Silencio 14</b> | 50 Hz: 14.0                  | 50Hz: 47,700                       | 1895 x 900 x 790                                    |

<sup>\*)</sup> EA stands for European and Asian model

The ratings and specifications are designed to meet the requirements set forth by the Air Conditioning and Refrigeration Institute (ARI) published standards.

Note: All versions are available in 3 x 400 V, 50 Hz, and 48 V DC.

## DIMENSIONS

