

## Technical Specifications for cold rooms in below zero applications

| Technical Specifications for Cold rooms in below zero applications                                    |               |     |     |                          |              |                              |               |                              |               |   |
|---|---------------|-----|-----|--------------------------|--------------|------------------------------|---------------|------------------------------|---------------|---|
| Volume  | Dimension (m) |     |     | Semi-Hermetic compressor | Condenser    |                              | Evaporator    |                              |               | Refrigeration control   |
| m <sup>3</sup>  | L             | W   | H   | Nominal (HP)             | Nominal (kW) | Air Flow (m <sup>3</sup> /h) | Capacity (kW) | Air Flow (m <sup>3</sup> /h) | Air Throw (m) | Electrical and Mechanical Equipment   |
| <b>12</b>   | 3             | 2   | 2   | 1.5                      | 6.5          | 2400                         | 4             | 2300                         | 9.5           | Defrost Timer   |
| <b>14</b>   | 3.5           | 2   | 2   | 1.5                      | 6.5          | 2400                         | 4             | 2300                         | 9.5           | Phase Control   |
| <b>18</b>   | 3             | 3   | 2   | 2                        | 12           | 4000                         | 5.1           | 3950                         | 16.4          | Comp. Contactor   |
| <b>20</b>   | 3             | 3   | 2.2 | 2                        | 12           | 4000                         | 5.1           | 3950                         | 16.4          | Fan contactor   |
| <b>23</b>   | 3.5           | 3   | 2.2 | 3                        | 14.5         | 5200                         | 5.4           | 5100                         | 17.1          | Bimetal   |
| <b>26.5</b>   | 4             | 3   | 2.2 | 3                        | 14.5         | 5200                         | 5.4           | 5100                         | 17.1          | Thermostat  |
| <b>30</b>   | 4.5           | 3   | 2.2 | 3                        | 14.5         | 5200                         | 5.4           | 5100                         | 17.1          | Thermometer   |
| <b>33</b>   | 5             | 3   | 2.2 | 4                        | 17.2         | 4600                         | 6.9           | 5100                         | 17.1          | Hand Valve  |
| <b>38.5</b>   | 5             | 3.5 | 2.2 | 4                        | 17.2         | 4600                         | 6.9           | 5100                         | 17.1          | Solenoid Valve  |
| <b>45</b>   | 5             | 4   | 2.2 | 5                        | 24           | 8000                         | 10.1          | 7900                         | 16.4          | Expansion Valve   |
| <b>53</b>   | 6             | 4   | 2.2 | 5                        | 24           | 8000                         | 10.1          | 7900                         | 16.4          | H & L pressure switch   |
| <b>60</b>   | 7             | 4   | 2.2 | 7.5                      | 28.8         | 10400                        | 12            | 7800                         | 15.6          | Filter drier  |
| <b>65</b>   | 6             | 5   | 2.2 | 7.5                      | 28.8         | 10400                        | 12            | 7800                         | 15.6          | Sight glass   |
| Ambiente Temperature :45<br>Inlet Temperature : -18<br>Contact with company for information & details |               |     |     |                          |              |                              |               |                              |               | Heat Exchanger<br>Su. Line Vibration Absorber<br>Dis. Line Vibration Absorber |