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## SK 3126.230

### Compact cooling

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FRIEDHELM LOH GROUP



# SK 3126.230 - Compact cooling for Micro Data Center

Compact cooling unit suitable for use in rooms with climate control in the building or adequate ventilation, and low or no noise level requirements.

## Features

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                              | SK 3126.230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product description                    | For cooling the Micro Data Center Level B and Level E. The split cooling unit is comprised of an internal unit (evaporator coil) and an external unit, whereby the internal unit is secured to the side panel on the inside of the Micro Data Center, and the external unit to the service door.                                                                                                                                                                                               |
| Benefits                               | Separate, hermetically sealed internal and external circuits<br>Dust and flue gas are unable to ingress<br>The internal and external unit are connected to one another via refrigerant lines and control cables, and shielded for fire protection<br>Air routing in the Micro Data Center is horizontal. Modified air baffle plates ensure targeted air routing. By separating the "cold side" from the "hot side", air short-circuits are avoided, and the efficiency of cooling is enhanced. |
| Colour                                 | RAL 7035                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Supply includes                        | Internal unit (evaporator coil)<br>External unit<br>Refrigerant lines<br>Data and power supply cables                                                                                                                                                                                                                                                                                                                                                                                          |
| Rated current max.                     | At 50 Hz: 3.3 A<br>At 60 Hz: 3.5 A                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Total cooling output to DIN EN 14511   | 2,070 W/2,300 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Start-up current max.                  | At 50 Hz: 14.2 A<br>At 60 Hz: 14.7 A                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Power consumption Pel 50/60 Hz L35 L35 | 1,275 W/1,615 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

# Features

|                                                    |                                                                                                                                                                  |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power consumption Pel 50/60 Hz L35 L50             | 1,525 W/1,920 W                                                                                                                                                  |
| Type of electrical connection                      | Plug-in terminal strip                                                                                                                                           |
| Duty cycle                                         | 100 %                                                                                                                                                            |
| Temperature control                                | Comfort controller (factory setting +25 °C)                                                                                                                      |
| At 60 Hz                                           | 3.5 A                                                                                                                                                            |
| Motor circuit-breaker                              | Yes                                                                                                                                                              |
| Noise level                                        | 70 dB(A)                                                                                                                                                         |
| OUT_COL_REFRIGERATION_FACTOR_RANGE_L35_L35_50_60HZ | 2                                                                                                                                                                |
| Operating temperature range                        | 20 °C...55 °C                                                                                                                                                    |
| Permissible operating pressure (p. max.)           | 28 bar                                                                                                                                                           |
| Pre-fuse                                           | Miniature circuit-breaker/fuse: 6.3...10 A                                                                                                                       |
| Total cooling output to DIN EN 14511               | Cooling output L35 L35/50 Hz: 2,500 W<br>Cooling output L35 L35/60 Hz: 3,090 W<br>Cooling output L35 L50/50 Hz: 2,070 W<br>Cooling output L35 L50/60 Hz: 2,300 W |
| Packs of                                           | 1 pc(s).                                                                                                                                                         |
| Customs tariff number                              | 84158200                                                                                                                                                         |
| ECLASS 8.0                                         | 27180704                                                                                                                                                         |
| Product description                                | "SK Compact cooling, 2,5 kW, 3~, 400 V, 50 HZ                                                                                                                    |