

## Enclosure Air Conditioner



### Description

|                            |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| <b>Order Number:</b>       | 862504S62                                                          |
| <b>Colour:</b>             | RAL 7035                                                           |
| <b>Housing Material:</b>   | Stainless steel AISI 304 (V2A)                                     |
| <b>Ingress Protection:</b> | IP 55                                                              |
| <b>Note:</b>               | Variable cooling capacity 500 W - 2.55 kW<br>With RS 485 interface |
| <b>SK notes:</b>           | With cabinet heater<br>With metal mesh filter                      |
| <b>Approvals:</b>          | CE, RoHs                                                           |

## Technical Data

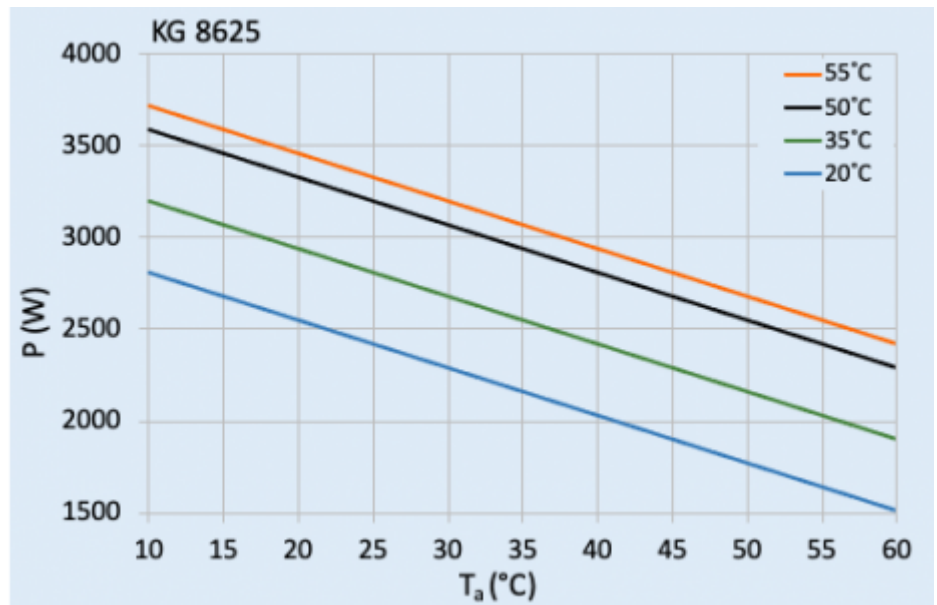
|                                              |                                                                                                     |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Cooling capacity L35L35:</b>              | 2.55 kW                                                                                             |
| <b>Cooling capacity L35L50:</b>              | 2.16 kW                                                                                             |
| <b>Compressor type:</b>                      | BLDC Rotary Piston                                                                                  |
| <b>Refrigerant / GWP:</b>                    | R134a / 1430                                                                                        |
| <b>Refrigerant charge:</b>                   | 368 g / 13 oz.                                                                                      |
| <b>High / low Pressure:</b>                  | 30 / 6 bar<br>435 / 88 psig                                                                         |
| <b>Operating Temperature Range:</b>          | 10°C - 60°C                                                                                         |
| <b>UL temperature range:</b>                 | 10°C - 60°C                                                                                         |
| <b>Air flow volume (system / unimpeded):</b> | Ambient air circuit: 680 / 1200 m³/h<br>Cabinet air circuit: 500 / 850 m³/h                         |
| <b>Mounting:</b>                             | Wall mounted / Recessed                                                                             |
| <b>Dimensions A x B x C (D+E):</b>           | 1,350 x 395 x 210 (55+155) mm                                                                       |
| <b>Weight:</b>                               | 45 kg                                                                                               |
| <b>Cut out dimensions:</b>                   | 1315 x 365mm                                                                                        |
| <b>Voltage / Frequency:</b>                  | 115-250 V ~ 50/60 Hz                                                                                |
| <b>UL Voltage / Frequency:</b>               | 120-230V 60Hz                                                                                       |
| <b>Current L35L35:</b>                       | 9.2 A / 4.6 A                                                                                       |
| <b>Starting current:</b>                     | 16 A / 8 A                                                                                          |
| <b>Max. current:</b>                         | 12.6 A / 6.3 A                                                                                      |
| <b>Nominal power L35L35:</b>                 | 1.02 kW                                                                                             |
| <b>Max. power:</b>                           | 1.42 kW                                                                                             |
| <b>Fuse:</b>                                 | 24 A (T) / 12 A (T)                                                                                 |
| <b>Short-circuit current rating:</b>         | 5 kA                                                                                                |
| <b>Rated current compressor:</b>             | 1.83 A                                                                                              |
| <b>Full load current fans:</b>               | 1.4 A                                                                                               |
| <b>Connection:</b>                           | 5 pole terminal for signals<br>4 pole terminal for power<br>3 pole terminal block for RS 485 Modbus |

Please click on the graphics to download.

More CAD drawings can be found under [Product Download](#).

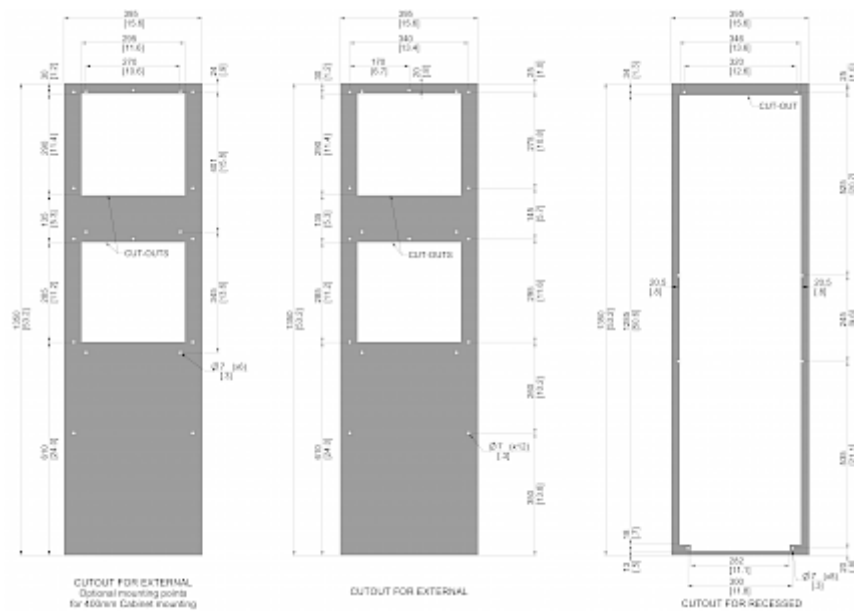
> [Overview Product Group Cooling Units - SLIMLINE VARIO](#)

**Performance graph:**



[click image to enlarge](#)

**Cut Out Dimension:**



[click image to enlarge](#)

## Order Information

|                       |                     |
|-----------------------|---------------------|
| <b>Box dimensions</b> | 1442 x 495 x 242 mm |
| <b>Gross weight</b>   | 50.5 Kg             |
| <b>Taric code</b>     | 84158200            |