

Marine ASU Cooling Units

Save energy on board!

The Automatic Start Up (ASU) technology

The ASU technology detects when a surplus of power is available and uses it to freeze the cooling plate. This storage of cold is used to achieve unbeatable power savings.



Air-cooled

- Fridge or Freezer (-6°C) use
- 12/24 V Danfoss/Secop compressor
- Kit AC/DC optional for a complete power supply compatibility (12/24 V, 230/115 V and 50/60 Hz)



Water-cooled self pumping – SP

- Fridge or Freezer (-6°C) use
- 12/24 V Danfoss/Secop compressor
- Kit AC/DC optional for a complete power supply compatibility (12/24 V, 230/115 V and 50/60 Hz)
- Silent - no fans nor pumps, lower power consumption
- The perfect combination for sailing yachts
- Sea water cooling requires no extra hole in the hull
- Sea water max. temperature 28°C



Water-cooled – MAGNUM

- Fridge or Freezer (-6°C) use
- 12/24 V Danfoss/Secop compressor
- Kit AC/DC optional for a complete power supply compatibility (12/24 V, 230/115 V and 50/60 Hz)
- Self-priming sea water pump to ensure extra high efficiency for tropical applications
- Variable speed water pump according to the temperature of the water circulating inside the condenser



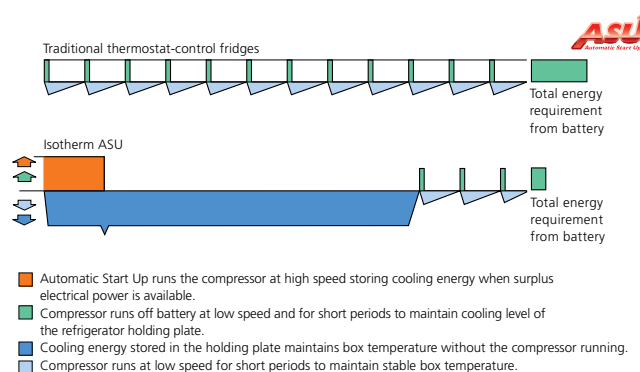
Technical specifications

| Type | Volume (l) | | Dimensions holding plate W x H x D (mm) | Dimensions compressor W x H x D (mm) | Weight (kg) | Danfoss/Secop Compressor Type | Temperature range* |
|----------------------------------|------------|---------|--|---|-------------|-------------------------------|--------------------|
| | Fridge | Freezer | | | | | |
| Air-cooled | | | | | | | |
| 3201 | 125 | 40 | 300 x 210 x 60 | 280 x 160 x 175 | 14 | BD35F | Fridge or Freezer |
| 3701 | 200 | 65 | 355 x 280 x 60 | 330 x 160 x 165 | 16 | BD50F | Fridge or Freezer |
| Sea water-cooled (SP) | | | | | | | |
| 3251 | 125 | 40 | 300 x 210 x 60 | 220 x 140 x 165 | 15 | BD35F | Fridge or Freezer |
| 3751 | 200 | 65 | 355 x 280 x 60 | 220 x 140 x 165 | 17 | BD50F | Fridge or Freezer |
| Sea water-cooled (MAGNUM) | | | | | | | |
| 4201 | 200 | 65 | 355 x 280 x 60 | 420 x 240 x 200 | 19 | BD50F | Fridge or Freezer |
| 4701 | 240 | 80 | 355 x 280 x 90 | 420 x 240 x 200 | 20 | BD50F | Fridge or Freezer |
| 4901 | 400 | 130 | 530 x 325 x 117 | 420 x 240 x 200 | 23 | BD80F | Fridge or Freezer |
| 5302 | 260 | 85 | 355 x 280 x 90 | 420 x 240 x 200 | 21 | BD80F | Fridge or Freezer |
| 5802 | 325 | 105 | 400 x 320 x 90 | 420 x 240 x 200 | 22 | BD80F | Fridge or Freezer |

* Temperatures range: from +2°C to -6°C. We recommend to reduce the box volume by 10-20%, in tropical conditions. Specification changes may be made without prior notice.

Automatic Start Up (ASU)

If your boat is a sailing yacht and the engine is used for short periods only, we recommend the installation of a fridge or refrigeration system equipped with Isotherm ASU control and a cold-holding plate.



Practical click-on mounting bracket

- A practical click-on mounting bracket suitable for horizontal or vertical mounting is included in all models except the AC/DC and the Magnum models
- Fasten the bracket and lift the compressor into place
- 'Click'! The compressor locks onto the bracket without adjustments or tools

