The Automatic Start Up (ASU) technology
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Marine ASU Cooling Units
Save energy on board!

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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
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.

Total energy requirement from battery

- Automatic Start Up runs the compressor at high speed storing cooling energy when surplus electrical power is available.
- Compressor runs off battery at low speed and for short periods to maintain cooling level of the refrigerator holding plate.
- Cooling energy stored in the holding plate maintains box temperature without the compressor running.
- Compressor runs at low speed for short periods to maintain stable box temperature.

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.