

Marine ASU Cooling Units

Automatic Start Up (ASU): 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 use
- 12/24 V Danfoss compressor
- Universal 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 use
- 12/24 V Danfoss compressor
- Universal kit AC/DC optional for a complete power supply compatibility (12/24 V, 230/115 V and 50/60 Hz)
- SP system (patented) to avoid the noise of a ventilated condenser and reach a very low power consumption
- The perfect combination for sailing yachts
- Sea water cooling requires no extra hole in the hull



Water-cooled – MAGNUM

- Fridge or Freezer use
- 12/24 V Danfoss compressor
- Universal 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 condenser



Product Overview: Marine Cooling Units – Automatic Start Up (ASU)

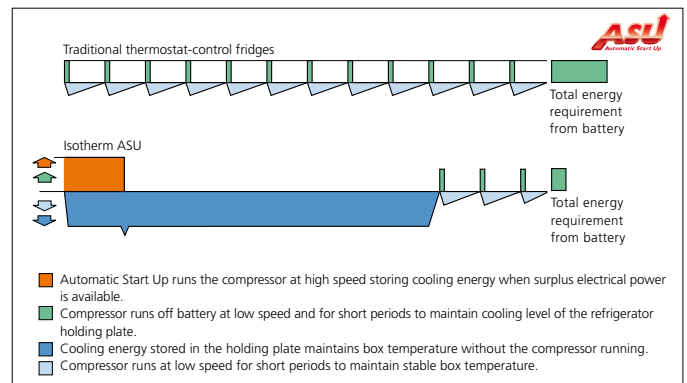
Type	Max. Volume (l)		Dimensions evaporator L x W x H (mm)	Dimensions compressor L x W x H (mm)	Weight (kg)	Power Consumption* W/24 hours	Compressor Type	Temp range**
	Fridge	Freezer						
Air-cooled								
3201	125	40	300 x 210 x 60	270 x 160 x 155	14	250	BD35F	Fridge or Freezer
3701	200	65	355 x 280 x 60	315 x 160 x 155	16	370	BD50F	Fridge or Freezer
Sea water-cooled (SP)								
3251	125	40	300 x 210 x 60	210 x 135 x 155	15	230	BD35F	Fridge or Freezer
3751	200	65	355 x 280 x 60	210 x 135 x 155	17	320	BD50F	Fridge or Freezer
Sea water-cooled (MAGNUM)								
4201	200	65	355 x 280 x 60	390 x 200 x 175	19	300	BD50F	Fridge or Freezer
4701	240	80	355 x 280 x 90	390 x 200 x 175	23	380	BD50F	Fridge or Freezer
4901	400	130	530 x 325 x 117	440 x 220 x 175	32	600	BD80F	Fridge or Freezer
5301	260	85	355 x 280 x 90	525 x 225 x 175	27	400	BD50Fx2	Fridge or Freezer
5801	325	105	400 x 320 x 90	525 x 225 x 175	30	460	BD50Fx2	Fridge or Freezer

* Power consumption in operation (12 volt) with +6°C in the refrigeration space, with ambient/water temperature of +22°C and medium sized insulation;

** Temperatures range: from +2°C to -18°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.

Advice · Installation · Service