

FCF-DV "Dual Voltage" A/C

*At the dock or on the water —
No need for a generator!*

Webasto's FCF® air conditioners are whisper quiet. FCF innovation starts with a more balanced system for noise elimination. The compressor has been carefully mounted to greatly reduce unwanted vibration and noises that can transfer into the cabin interrupting your sleep. Unlike competitive systems FCF stands for quality, including a long-lasting, baked-on enamel finish, a robust blower that can handle multiple vents and FCF is the only A/C system that comes standard with a digital control panel.

Shhhhhhhh



Three models available:

- 5,000 Btu A/C with 1800 watt 40-amp inverter/charger
- 5,000 Btu A/C with 1000 watt 50-amp ignition protected inverter/charger
- 9,000 Btu A/C with 1800 watt 40-amp inverter/charger

The result is shhhh...quiet quality.

- Unibody welded construction for superior strength
- Gold anodized evaporator
- Multi-capillary ports
- Hi-velocity 3-speed, rotatable blower
- Removeable air filter
- Zero clearance installations

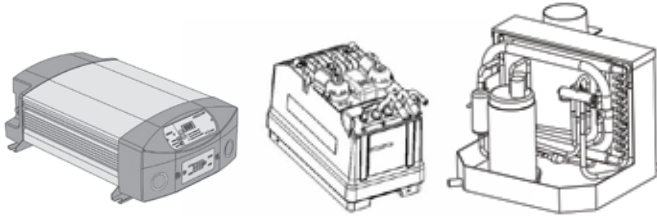


FCF® Air Conditioner

Xantrex inverter/charger

The Freedom HF 1800 is designed for even the most demanding of marine conditions.

Temperature-controlled multi-stage charging ensures that your batteries are recharged safely and efficiently. Includes an automatic transfer switch and a detachable digital remote control panel display that provides precise system information that can be mounted wherever you require. The Freedom HF inverter/chargers are compact and light – perfect for your vessel.



Freedom HF 1800

Xantrex IP1012 (Ignition Protected) FCF® Air Conditioner

- Removable digital display to provide system status
- Automatic three-stage battery charger
- Built-in 30-amp relay to automatically transfer between inverter power and incoming AC utility power
- ETL listed for use in marine applications

Each FCF unit comes with a black bezel electronic controller and remote control unit.



Inverter Specifications

| | Freedom HF 1800 | Xantrex IP1012 |
|---------------------------------------|--|--|
| Ignition Protected | No | Yes |
| Output Power (continuous) | 1800 W | 1000 W |
| Maximum Power (surge) | 3600 W | 3000 W |
| Output Frequency Regulation | 60 Hz | 60 Hz |
| Inverter Voltage Regulation | 115 V | 108 - 125 V |
| Output Wave Form | Modified Sine Wave | Modified Sine Wave |
| Efficiency | 82% | 90% |
| Peak Efficiency | 87% | 92% |
| No-Load Current Draw (idle) | 1 A | < 650 mA |
| Charge Rate | 40 A | 50 A |
| AC Input Voltage Range | - | 100 - 130 V |
| AC Transfer Relay | 30 A | 20 A |
| Battery Voltage Range | 10.5 - 15.5 V | 12 V |
| AC Input (maximum charge) | 9 A | 13 A |
| Float Charge Voltage | 13.5 V | 13.3 V |
| Battery Charge Outputs | One | One |
| Battery Type Settings | Flooded / Gel / AGM / Fixed 13.5 V | Flooded or AGM |
| Equalization | No | No |
| Temperature Sensitive Charging | Yes | Yes |
| Optimal Operating Temperature | 32° to 104° F (0° to 40° C) | -40° to 185° F (-40° to 85° C) |
| Controls | Detachable Display | Remote Switch |
| Weight | 12.8 lbs (5.8 kg) | 40 lbs (18 kg) |
| Dimensions: L x W x H | 4.2 x 9.5 x 18 in (106 x 241 x 457 mm) | 8.56 x 7.25 x 13 in (218 x 185 x 330 mm) |

A/C Specifications

| | Part Number | Capacity | Min. Suggested Supply Air | Min. Suggested Return Air | Voltage | Frequency | Avg. Load | Net Weight | Blower Output | Ducting Collar Diam. | Condenser Conn. Diam. | Dimensions: L x W x H |
|----------------------------|-------------|--------------------|---|---|---------|-----------|-----------|----------------|---------------------------------|----------------------|-----------------------|--|
| FCF-DV 5,000 | 5001537A | 5,000 Btu (1.5 kW) | 16 in ² (103.2 cm ²) | 49 in ² (316 cm ²) | 115 V | 50/60 Hz | 4.4 A | 50 lbs (23 kg) | 282 cfm (479 m ³ /h) | 4 in (102 mm) | 5/8 in (15 mm) | 11 13/32 x 14 7/8 x 11 19/32 in (290 x 378 x 295 mm) |
| FCF-DV 5,000 w/IP inverter | 5001541A | 5,000 Btu (1.5 kW) | 16 in ² (103.2 cm ²) | 49 in ² (316 cm ²) | 115 V | 50/60 Hz | 2.4 A | 50 lbs (23 kg) | 282 cfm (479 m ³ /h) | 4 in (102 mm) | 5/8 in (15 mm) | 14 7/8 x 15 1/2 x 11 19/32 in (378 x 394 x 295 mm) |
| FCF-DV 9,000 | 5001538A | 9,000 Btu (2.6 kW) | 20 in ² (129 cm ²) | 64 in ² (413 cm ²) | 115 V | 50/60 Hz | 6.4 A | 57 lbs (26 kg) | 344 cfm (584 m ³ /h) | 4 in (102 mm) | 5/8 in (15 mm) | 14 7/8 x 16 7/64 x 12 7/8 in (378 x 409 x 327 mm) |

Advice · Installation · Service

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