

CIV10-5

An clima inverter chiller CIV10-5 is a system which can be installed in the engine compartment. This chiller unit will control its capacity according to what is being demand in its surroundings due to the applied inverter compressor technology. There is no current peak when switching on the compressor! The chiller unit supplies cold/hot water (glycol) which flows through a tubing circuit and fan coil units, (through which air is pulled at the same time) and as a result it cools/heats the surrounding areas. This system can cool any given area/cabin, and the temperature and airflow can be controlled and adjusted separately. The sum of the capacity of the fan coil units, which have to function at the same time, results in the total capacity of the chiller unit. Furthermore this system is equipped with a diesel heater, heat exchanger and boiler function. The heat exchanger can be connected to the cooling system of the main engine or generator, for interior or boiler heating. The boiler function can be connected to the diesel heater or heat exchanger, and can function simultaneous with the cooling function. To install the entire unit any cool-technical know-how is not required. A complete system consists out of the chiller unit, fan coil units and thermostats.



| Voltage | Cool capacity | Refrigerant | Number of compressors | Current AC | Heat capacity | Current DC (heat) | Dimensions | | | Weight |
|-------------------------------|------------------------------|-------------|-----------------------|------------|---------------|-------------------|------------|--------|--------|--------|
| | | | | | | | L | W | H | |
| 230v 50/60Hz-ac and 12-24v dc | 2-10 kW (6.800-34.100Btu) | R410A | 1 | 2-10A | 5 kW | 10-37W | 408 mm | 501 mm | 445 mm | 62 kg |

Technical features

- Equipped with variable capacity compressor.
- Filled with environment friendly R410A refrigerant.
- Mainly manufactured from stainless steel.
- Sea water resistant condensor.
- Sea water resistant water pump.
- Standard manufactured with vibration absorbers.
- Pressure and temperature protected.
- Low current.
- No current peak at start-up.
- Quiet operation.
- Variable cool capacity.
- Energy saving.

Standard supply

- The chiller unit.
- Manual.
- Circulation pump.
- Sea water pump.
- Sea water strainer.
- Reservoir or expansion tank.
- All required fluid connectors.
- Skin fittings.

All our systems come with 3 years full guarantee!