

Air-conditioning unit

Keeps your crane operators alert

Technical information CM-137

MacGregor offers air-conditioning (AC) units for crane cabins that maintain a constant optimum temperature and working climate for crane operators. This ensures that the driver will be as alert as possible during loading and unloading operations, potentially reducing costly damage to the load and the crane caused by avoidable accidents.

MacGregor AC units can be supplied as part of a new crane delivery and are an ideal retrofit device for GL, GLB, GLBE, GLE and K-type crane cabins.

Benefits

- Air conditioning improves the climate inside the driver's cabin when operating in warm or cold environments
- Comfortable cabin temperatures keep operators more alert during loading/unloading operations
- Three different modes are available via a switch mechanism on the cabin control panel
- Latest fan and motor technology
- UV-resistant plastic fan rotor/blades
- Corrosion protection
- User-friendly functionality
- Environmentally-friendly refrigerants

Air-conditioning unit installed on a crane cabin



At your service

 **MACGREGOR**
Designed to perform with the sea

Technical information

MacGregor AC units have a cooling function for use in warm climates and use the cabin's heater, which is supplied as standard, for cold conditions and to dehumidify the air when necessary.

Crane control panel switch modes

- 0 - AC and heater Off (both AC and cabin heater are off)
- 1 - Cabin heater On (heater is a standard feature in the cabin)
- 2 - AC-unit On

AC-control panel switch modes

- 0 - AC-unit Off
- 1 - AC-unit On, the unit is cooling the air
- 2 - Thermostat to adjust temperature

Ordering information

Because the frame for each air-conditioning unit is tailor-made for a specific crane, part numbers can vary. Please contact MacGregor for advice on ordering the correct parts.

Installation requirements

MacGregor AC units are delivered with a frame that is screwed to the cabin roof and all necessary installation parts. The unit has a manually-operated control panel, which is installed in the cabin with a thermostat switch, a selector switch and two pilot lamps that indicate whether the unit is in heating or cooling mode.

If retrofitting the AC unit, the ventilator and window at the top of the cabin have to be removed. These parts are replaced by the frame, which is tailor-made for the cabin and subsequently sealed. The AC-unit is mounted into the space from the outside.

Electrical installations are carried out inside the cabin's domed roof, making it possible for an operator to switch between the cabin heater, which is supplied as standard, or the AC-unit.

For further information and cost estimates, please contact the MacGregor Competence Centre for crane modernisations or any MacGregor office.

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