

ASSEMBLY INSTRUCTIONS FOR EVN -NAVARE AIR HEATERS

Archive : instruks/emevn 202.doc
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Responsible: RJH

INSPECTION ON DELIVERY

Check to ensure that no visible damage has occurred during transport, that you have received the correct model and that voltage and output are correct.

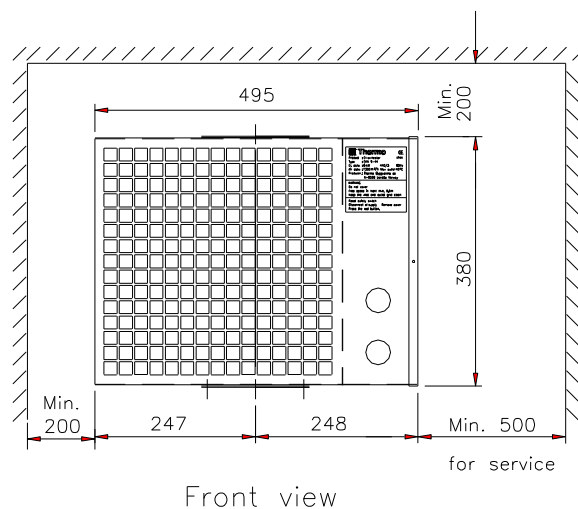
APPROVAL/AREA OF USE

The heaters are approved by Det Norske Veritas, certificate No. E-13401 for use on board ships and offshore units, tightness IP44.

PLACEMENT AND LOCATION

The EVN heater must be attached to the enclosed wall bracket with at least 4 pcs. M6 bolts for the bracket. All 6 screws to the cabinet must be used.

Safety distance shown on sketch must be followed.



Sketch with safety distances.

ELECTRICAL INSTALLATION

Electrical installations must be carried out by an authorized electrical contractor.

Support cable and any extra cable for external thermostat and remote control switch may be of standard marine type. Make sure that the screws in terminal are properly tightened on both sides. Check for correct function of the fan and the two groups. Operate the regulation switch and the thermostat.



The cover must be properly secured.



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INSTRUCTIONS FOR USE

The heater has a *built-in* thermostat. The temperatures can be set between 0 – 40°C.

1. 0 The fan is switched off.
2. Δ The fan starts running. The heat is not switched on.
3. Δ  The fan is running and the thermostat switches the heating elements on to 1/2 load.
4. Δ  The fan is fully loaded.

MAINTENANCE

Regular maintenance is normally not necessary.

Thick layers of dust on the surface of the heater constitute a fire hazard.

Check the inlet and outlet grids for dirt, and clean with pressure air.

REPAIRS

Repairs must only be carried out by an authorized electrical contractor.

When ordering spare parts, it is important to specify the correct type of heater, output and voltage, as well as the production date and description of the spare part.

Spare parts

You will find this described in the wiring diagram inside the cover.

Article number	Type	Effect	Voltage Phase	kW	m ³ /h	kg	Amp	Δ t	m/s	Level dB(A)
4927710	EVN 3-23	3kW	230/3	1,5-3	1300	15	7,5	6,7	3,0	55
4927711	EVN 6-23	6kW	230/3	3-6	1300	18	15,3	13,4	3,0	55
4927713	EVN 3-40	3kW	400/3	1,5 - 3	1300	15	5,0	6,7	3,0	55
4927714	EVN 6-40	6kW	400/3	3-6	1300	18	9,0	13,4	3,0	55
4927715	EVN 9-40	9kW	400/3	4,5 - 9	1300	19	13,0	20,0	3,0	55
4927716	EVN 3-44	3kW	440/3 60Hz	1,5 - 3	1500	17	4,0	5,8	3,5	55
4927717	EVN 6-44	6kW	440/3 60Hz	3-6	1500	20	8,0	11,6	3,5	55
4927718	EVN 9-44	9kW	440/3 60Hz	4,5 - 9	1500	21	12,0	17,4	3,5	55