

Type n ANTI-CONDENSATION HEATERS FOR ELECTRIC MOTORS & GENERATORS

The FACH/n range of electric heating tapes provides low cost protection against condensation within rotating electrical equipment. Typical applications would be electric motors, generators and alternators which operate in damp or wet conditions. Examples would include off shore, shipboard and marine equipment, dockside cranes, well pumps and all equipment operating in a tropical environment. Specifying anti-condensation heaters at the design stage can save the expense of costly rewinds and down time.

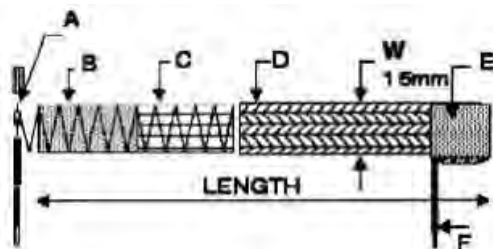
FITTING RECOMMENDATIONS

The heating unit is designed for the inclusion in the impregnation process.

A motor heater is usually sized to fit around the stator pack, covering at least 70% of the circumference.

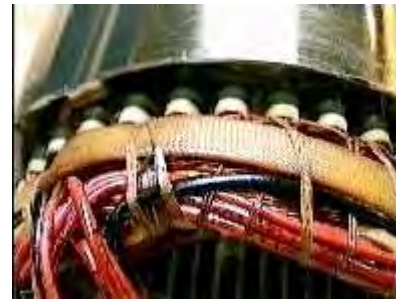
When a heater is selected that is longer than the circumference care must be taken to keep the overlap separated from the original turn by 5mm minimum to avoid hot spots.

A separate terminal block is usually provided for the heater units. A change-over contact wired to bring in the heater when the motor is de-energized must be provided on the starter.



A. High quality dip soldered j

ACH/n



cure and then a second coat applied, to ensure that the heater and windings form a homogenous mass to provide good thermal conductivity.

By a Rewinder:

As part of the rewind process, where the heater will be fully impregnated with the windings.

ACH/n Range				
	Length			
	in	mm		
FACH00B	8	203	240	9
FACH0B	12	305	240	25
FACH1B	17	432	240	26
FACH2B	27	686	240	21
FACH3B	27	686	240	40
FACH4B	30	762	240	26
FACH5B	40	1016	240	42
FACH6B	42	1067	240	54
FACH7B	58	1473	240	65
FACH8B	67	1702	240	99

- A. High quality dip soldered joint.
- B. 80/20 Ni Cr or heating element. Glass fibre tape carrier.
- C. Polyester backed adhesive tape insulation.
- D. Glass fibre braid insulation.
- E. Acrylic adhesive backed glass fibre tape insulation and cold leads reinforcement.
- F. 500mm ColdLeads 19/0.15 ETFE(Tefzel) insulated equipment wire.