UNITED TECHNOLOGIES CARRIER	Commercial Division Carrier Corporation	BULLETIN: CA-SB-19-D-65-29 DATE: 1/13/66 PAGE: 1 OF: 1
SERVICE BULLETIN		SUPERSEDE BULLETIN: DATE: PAGE: OF:
SUBJECT: MOTOR TERMINAL CONDENSATION, 19D		

PURPOSE: To advise field personnel of a short circuit protection compound for 19 Series motor terminals experiencing condensation.

MACHINES AFFECTED: All low voltage 19D Series Machines.

PROCEDURE: Cold motor terminals and terminal plates in a high humidity atmosphere will drip with condensation which can cause short circuit paths between terminals. Prestite tape is used on the main motor terminals to minimize condensation, but the terminal plate and small thermostat terminals can still form condensation, even though surrounded with insulation.

To eliminate the possibility of short circuit paths, it is recommended that the terminals be first wrapped thoroughly in Prestite tape, and, then, any exposed terminal plate around the insulation and the thermostat terminals be sprayed with Insulgel. Insulgel is a silicon compound manufactured by General Electric under their part number G-620S and is readily available in most cities in small aerosal cans. Once applied, it thickens to the consistency of petroleum jelly having a high dielectric strength.

Prestite tape and Insulgel will tend to repel one another so there is no advantage to spraying the Prestite tape. Remember, Insulgel will not stop condensation but will eliminate short circuit paths.