

# Interoffice Letter



To *Paul Malenowski*  
BRANCH SERVICE MANAGERS (A)  
DISTRICT SERVICE ENGINEERS (A)  
ZONE SERVICE ENGINEERS (A)

Date December 28, 1983

From Mark Spitalniak

Office Service Engineering-Cranford

Subject 19HR HOTTER HOT WATER F.E.R. 83-6

This letter was written in April, 1983 by Tom Jawor and was to be filed in the 19HR Installation, Start-Up and Operation Manual. It is now being re-released by Mark Spitalniak as an F.E.R.

Recently it was discovered that while some 19HR machines are sold as 120°F hot water capable, the original design was only for 115°F.

To extend the range of the heating 32SM, a resistor must be installed in parallel across the temperature probe either at the probe or across terminals 29 and 30.

The resistor is common and should be available at any decent electronics store. The value is in the 50K-75K ohm range. Approximately 1/2 watt should be adequate.

Regards,

*Mark Spitalniak*  
Mark Spitalniak

MS:cp