

INSTRUCTION SHEET

FOR

MODEL 8783

TERMALINE®

LOAD RESISTOR

MODIFICATION NOTES

The Model 8783 Load Resistor, to which this instruction sheet is applicable, is the same as the Model 8781 described herein in all particulars except that the RF input connector is 50 ohm EIA 3-1/8" flanged instead of as otherwise stated.

Summary of Characteristics on Page 5 should therefore read on the first two items:

Impedance..... 50 ohms
Input Connector..... 3-1/8" EIA swivel flanged

The Maintenance Section Parts List, Page 6, is replaced to reflect pertinent part number changes.

The resistor unit, 5020-156, within this assembly is changed by the procedure described in the Instruction Sheet furnished with the replacement resistor. After making this repair, the load resistor and cooling coils assembly is restored to the cooling tank by reversing the procedure outlined under the third paragraph in this instruction sheet.

After replacing the load and coils assembly as described above, check the coolant level in the tank. The coolant level should be 1-1/2" below the top of the cover plate. Unscrew the filler plug, 1-1/8 hex head in which the vent plug is seated, and measure through the access hole. Check this level periodically and replenish if necessary. Use only the Dowtherm A coolant referenced in this parts list.

SECTION V - PARTS LIST

Item	Description	Part Number
1	Assembly, RF Load Resistor Equipment	8783-001
2	Assembly, Load Resistor and Cooling Coils	8783-003

Continued

Item	Description	Part Number
3	Resistor Unit Only	5020-156
4	Caster, Swivel	8780-051
5	Caster, Rigid	8780-052
6	Box, Thermostat	8780-015
7	Cover, Thermostat Box (including gasket)	8780-049
8	Thermostat, Over Temperature	8780-036
9	Thermostat, Water Saver	8780-042
10	Filler & Vent Plug Assembly	8780-017
11	Coolant - Dowtherm A (4 gallons needed)	5020-123 (1 gallon container)
12	Water Saver Kit Includes the following:	8780-041
	Valve, Water Saver	8780-057
	Pipe Nipple - 1/2", Brass	Standard
	Hose Nipple - 1/2", Cast Brass	5-065
	Flexible Conduit - 3/8" x 39"L	Standard
	Cable Clamp - Straight	5-055-1
	Cable Clamp - 90°	5-055-6
	Clamp, Universal	5-067-1