



SUBMITTAL : ECO-MSTKSR-01 Tank Temperature Sensor Jump



Job Name	Location
Purchaser	Engineer
Submitted to	Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction <input type="checkbox"/>
Unit Designation	Schedule #

Specifications	ECO-MSTKSR-01
Performance	
Set Water Temperature Value	95°F
Accuracy	Plus/Minus 3%
Physical Data	
Wire Insulated	Yes
Terminal Connections	2 x Fork
Wire size	14 AWG
Wire length	Sensor Jump is 2 3/4"



Operation

Tank Temperature Sensor Jump shall be required to replace the 91101-45190 Tank Temperature Sensor used in connection to the GS4-45HPC or GS4-45HPC-D Heat Pumps when an ECO-MSCTRL-01 or BMS Controller shall be operating the multiple Heat Pump units used in a multi family building system

The Controller shall have an independent Tank Temperature Sensor to determine system operation

Construction

Sensor Jump shall be 14 AWG wiring with 2 x Fork connections for the GS4 Tank Sensor terminals
The Sensor Jump will contain a Resistor to provide a single temperature reading to the GS4-45HPC or -D unit

Voltage

Heat Pump shall provide a 5VDC signal to the Sensor Jump

Installation of Tank Temperature Sensor Jump

Sensor Jump shall be inserted into the two Terminals used for the 91101-45190 Tank Temperature Sensor to be connected

Sensor Jump shall not be polarity sensitive

