






EarthNet Energy Solar Dissipator Installation Instructions

- 1) Install copper tee on supply (hot) side between solar module and solar tank.
- 2) Install 3-way diverter valve (Taco #561) on return (cold) side between solar tank and module.
- 3) Install wire (120 Volt) from P-2 connection on module to the transformer (24 Volt). Transformer can be mounted on solar tank at junction box location.
- 4) Install 18 gauge wire from 24 volt transformer to 3-way valve terminals #1 and #2.
- 5) Install the T-4 Sensor in airstream outlet (hot air flow) of dissipator, we suggest using a wire clamping device. DO NOT allow sensor to touch metal of dissipator. **(Failure to install T-4 sensor in proper position can trigger an alarm condition)** 
- 6) Programming solar module for using dissipator (refer to installation and operation manual):
 - A) Sec. 1.3.2: Set for system #2
 - B) Sec. 1.15: Set P-2 speed control to “no speed control” **(Failure to set speed control to “no speed control” will damage transformer)** 
 - C) Sec. 2.4: Set “max temp tank-2” to 203° F **(Failure to set at suggested temp can cause system to shut down and go into stagnation)** 
 - D) Sec. 1.18: Set (min temp prio) to the same temperature as max temp tank 1 setting. (to maximize system efficiency)

NOTE: Exact location of dissipator to be determined by installer

