



ALL DOME SIZES THERMOSTAT WIRING OVERVIEW

SOLAR ATTIC FAN (26' – 42' DOMES) ATTIC BREEZE FAN

This top mounted fan for the 26' through 42' domes come pre-assembled with a thermal switch (figure 1), which is removed prior to installing an adjustable thermostat controller. The included solar panel is an independent connection. Follow the instructions on the attic fan installation for directions on wiring. Multiple fans may be wired to a single thermostat.



Figure 1



Figure 2

SOLAR GABLE INTAKE FAN 14" (33' & 42' DOMES SOLAR UPGRADE) ATTIC BREEZE FAN

This side mounted fan for the 33' and 42' domes come pre-assembled with a thermal switch (figure 1), which is removed prior to installing an adjustable thermostat controller. The included solar panel is an independent connection. Each fan has its own thermostat. Within the kit is a short jumper wire to plug into the fan after removing the thermal switch (figure 2). Each end of this jumper wire is connected to the terminals on the thermostat. One wire is connected to the bottom COM (Common) terminal. The other wire is connected to the middle NO (Normal Open) terminal, which isn't always labeled. It does not matter which wire goes to which terminal as this is a closed loop circuit.

SOLAR INTAKE FAN 12" (15' – 26' DOMES) AMTRAK FAN

This side mounted intake fan is wired to the solar panel within the thermostat. The panel may range from 40 to 60 watts and multiple fans can be wired together with larger solar panels (i.e., 80-100 watts for 2 fans or 120-150 watts for 3 fans). The positive wire from the fan is wired to the middle NO (Normal Open) terminal on the thermostat. Multiple positive wires can be connected to each other before the thermostat. The positive wire from the solar panel is connected to the bottom COM (Common) terminal. The negative wires are then connected to each other with twist on wire connectors inside the junction box.

