

EOS/EOS-NT Startup Procedure

The EOS comes in 2 different configurations: Primary(ST) and Secondary (DR). Primary Units are designed for stand-alone applications, but can also be used to control a Secondary Unit. Primary Units have a wire harness connector. Secondary Units have a wire harness pigtail and can only operate when connected to a Primary Unit.

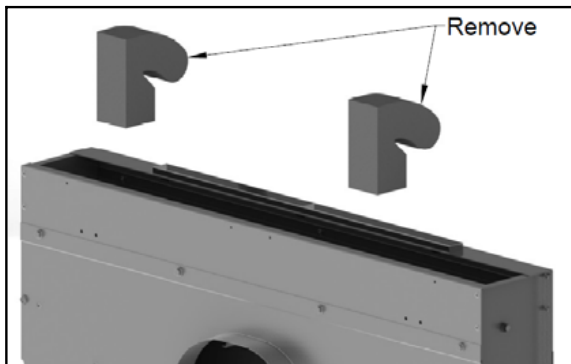
Primary Unit (ST) – Note connector



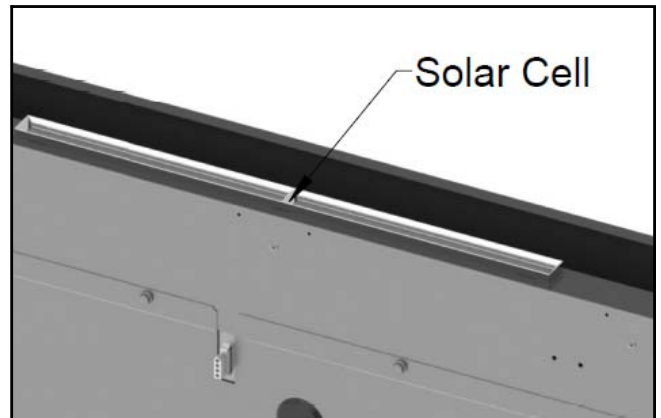
Secondary Unit (DR) – Note Cable



1. Unpacking - Remove foam inserts from face of diffuser for proper operation.
Do not move pattern controller by hand.
Damage to actuator mechanism may occur.



2. Caution - Do not place diffuser on the ground or the floor with the solar cell facing down. Damage to solar cell or holder may occur.

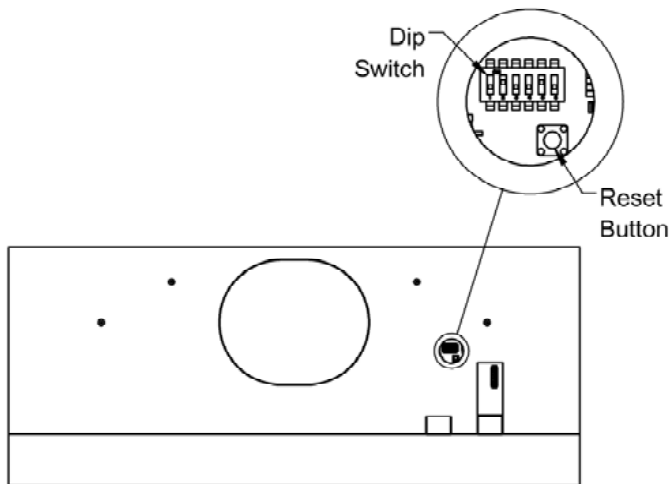


EOS Startup Procedure (Continued)

3. The diffuser is shipped un-charged. Expose solar cell to light to start the charging process. The diffuser will become operational after 4 hours at 500 Lux (office desktop), and fully charged after 8 hrs. More light will shorten charging times and less light will lengthen charging times.

Note: Secondary Units do not collect a charge until they are attached to a Primary Unit.

4. The default set points for the diffuser are 71° F cooling, and 78° F heating. The set point temperatures can be adjusted using the dip switches located on the control board under the plastic hole plug opposite the inlet (Primary Units only)



5. To install a Secondary Unit, plug the pigtail harness attached to Secondary Unit into the connector on the back of the Primary Unit. Press the Primary Unit reset button to force the Primary Unit to recognize the Secondary Unit.

If the button is not pressed, the Primary Unit will automatically detect the Secondary Unit after a maximum of 3 days.



6. When an operating charge has been achieved, the EOS will check temperature every 10 minutes. Once the pattern controller moves to the heating or cooling position, it cannot change again for a minimum of 30 minutes.