

## HELIO-FLO HEAT-TRANSFER APPLIANCE

The Helio-Flo (HFLO) is an all-in-one heat transfer appliance designed for use in open loop systems or in conjunction with a closed loop integrated tank system making it quite versatile for solar water heating applications. The HFLO comes factory assembled with all wiring, plumbing and fittings complete making installation a quick and trouble free experience.

### Features

- Simple “Plug & Play” installation
- Comes fully assembled and factory tested
- Compact solution offers a clean look
- Excellent heat transfer rate
- Factory tested to 250 psi
- Mounts onto tank to minimize space
- Available in bottom-tank mounting configurations



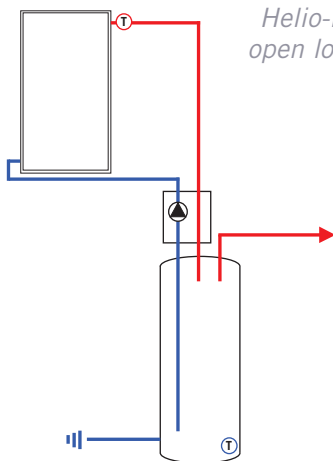
OG300 CERTIFIED  
Solar Rating and  
Certification Corporation



Energy Star

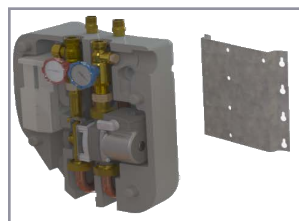


## HELIO-FLO PRO UPGRADE



*Helio-Flo diagram using an  
open loop system application*

*Included tank- or wall-mount  
bracket simplifies installation*



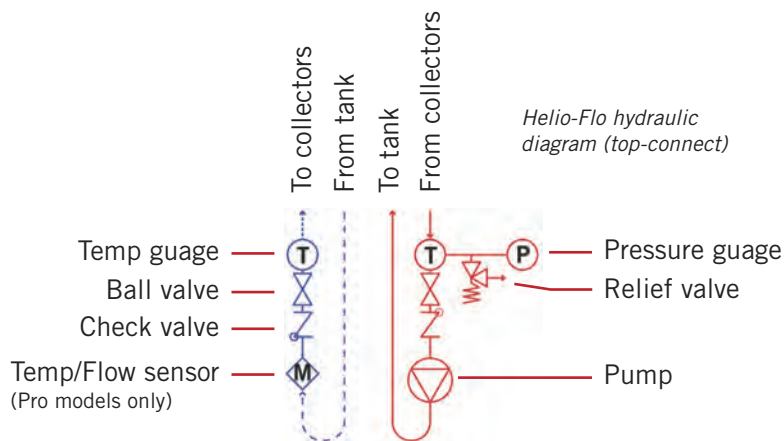
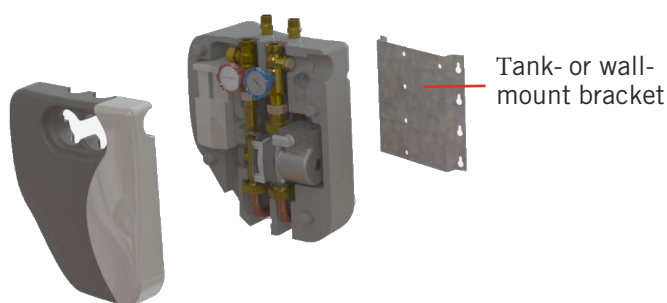
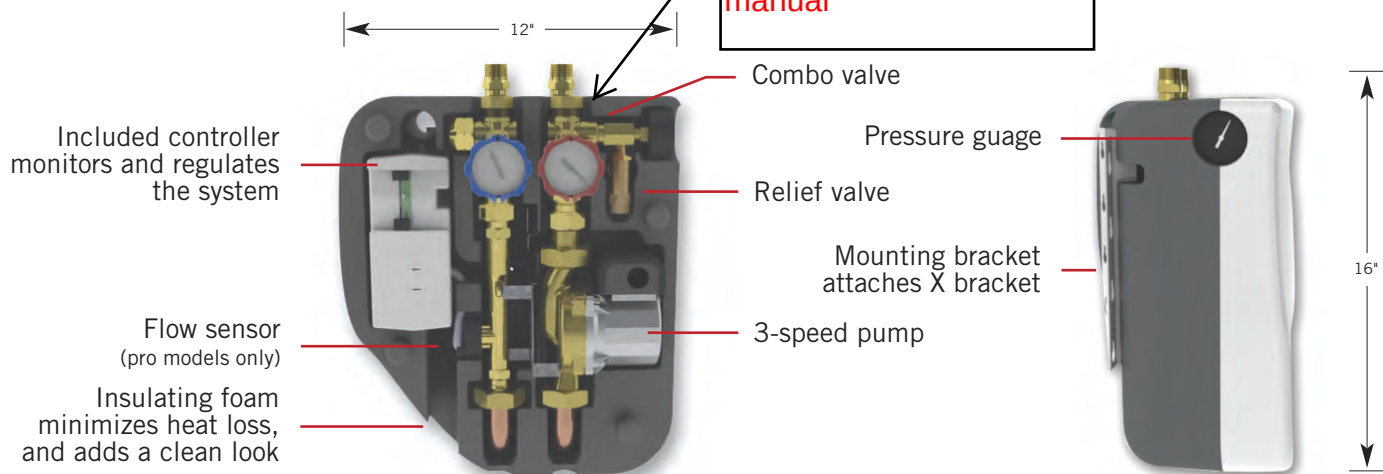
The Helio-Flo Pro (with pre-installed Delta-T Pro controller) further enhances the solar hot water system with the addition of user-friendly customizable settings, remote navigation, automated service reminders, and expanded system performance data. All these features can be accessed by logging onto a dedicated website.

### Features

- Remote web-based system monitoring
- Automated service reminders
- Stored energy data (BTU, °F, GPM)
- Adjustable user settings
- BTU/kWh metering
- Vacation mode

# TECHNICAL SPECIFICATIONS

new version has pump on cold supply side-see manual



| MODEL                                                | HFL0 048 011        | HFL0 048 010   |
|------------------------------------------------------|---------------------|----------------|
| Tank connect configuration                           | bottom              | bottom         |
| Controller type                                      | Pro Ethernet / WiFi | standard       |
| Heat transfer rate (BTU/hour) <sup>1</sup>           | 48000               | 48000          |
| Voltage <sup>3</sup>                                 | 115 VAC, 60 Hz      | 115 VAC, 60 Hz |
| Recommended flow rate <sup>2</sup> (gals per minute) | 2-8                 | 2-8            |
| Max collector surface area                           | 321                 | 321            |
| Max piping resistance (ft of water)                  | 5                   | 5              |
| Weight (lbs)                                         | 30                  | 30             |
| Included sensors                                     | 2 x 10K Ohm         | 2 x 10K Ohm    |
| Warranty (years)                                     | 3                   | 3              |

<sup>1</sup> - With 40 Sq. Ft Collector on pump speed 1    <sup>2</sup> - With max collector surface area installed    <sup>3</sup> - 240 VAC also available

PTLS 080309

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SOLAR HOT WATER