



Submittal Data Information

101-139

Solar Pumping Station – SPS-PC

Effective: October 8, 2009

Supersedes: New

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

ITEM NO.	MODEL NO.	

Features

- All-in-One Pre-insulated and Pre-plumbed Module
- Ball Valves on Supply and Return with:
 - Temperature Gauges
 - Solar Check Valves
- Flow Meter graduated in GPM with Integral Balancing Valve
- Safety Group:
 - Pressure Gauge
 - Pressure Relief Valve
 - Expansion Tank Connection
- Fill and Purge Valves
- Air Eliminator with Manual Vent
- Expansion Tank Bracket and Flex Tubing
- Standard 2-Bolt Flanged Circulator
- Variable Speed Solar Differential Control
 - Matches Output of Collector
 - No Short Cycling of Circulator
 - +20% Increased Performance
- User Definable Line Voltage Output, Supports:
 - External Heat Exchanger
 - Collector Sink / Dump
 - Storage Tank Supplement
 - 1 or 2 Storage Tanks

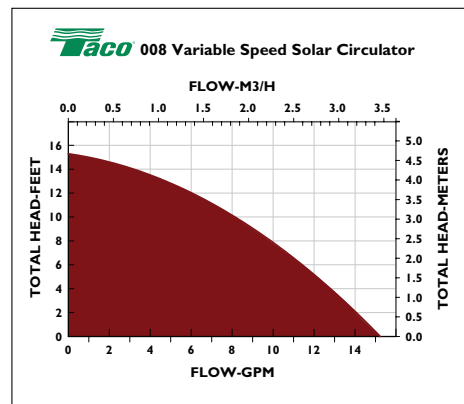
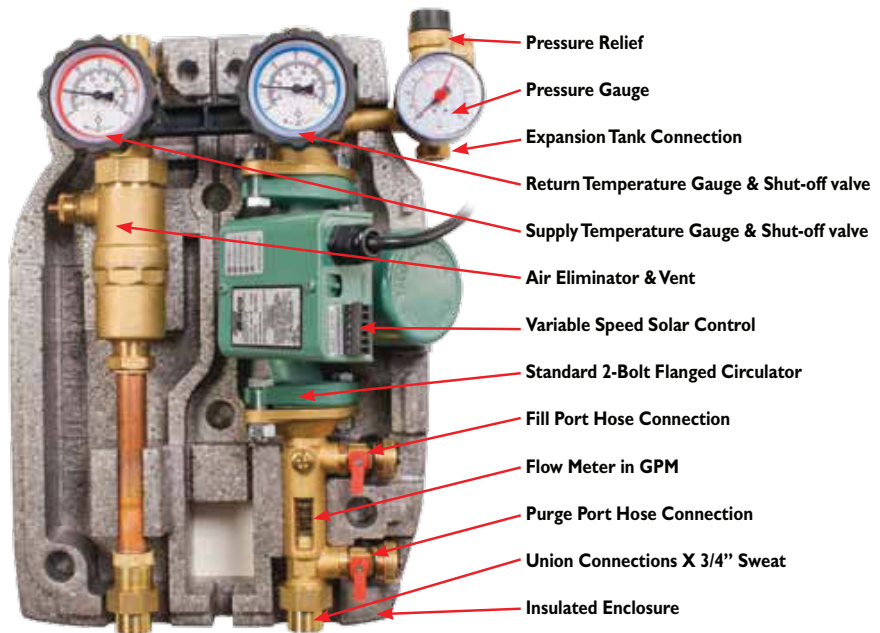
Specifications

- Body Construction Bronze / Brass
- Insulating Enclosure..... EPP
- Maximum Working Temp. (Excluding Circulating Pump)..... 250°F (120°C)
- Short Time..... 320°F (160°C) for 20 Seconds
- Pressure Relief Setting..... 87 PSI (6BAR)
- Temperature Gauges 30-250°F (0-120°C)
- Pressure Gauges 0-145 PSI (0-10BAR)
- Flow Meter 0 - 3.25 GPM (0-12 l/min)
- Exp. Tank Connections 3/4" BSP or NPT
- End Connections 3/4" FM Copper Sweat X 1" Union
- Unit Dimensions 12.1" x 17" x 6.6"
- Shipping Weight 25 LBS

Variable Speed Pays Big Performance Dividend:

The variable speed circulator in the Solar Pumping Station continuously optimizes the flow through the collector to achieve maximum energy gain. For example, there is no benefit of pulling 80° water out of the collector when you are trying to maintain 120° in a tank. If a proper Delta-T is maintained through the collector then higher source temperatures can be achieved over longer periods of time, no matter the weather conditions.

The Solar Pumping Station truly simplifies your closed loop solar water heating installation. With just a few connections, you install the heart of the system; circulator, solar control and all safety and measurement equipment.



Do it Once. Do it Right.®

TACO INC., 1160 Cranston Street, Cranston, RI 02920 Telephone: (401) 942-8000 Fax: 942-2360
 TACO (Canada), Ltd., 6180 Ordan Drive, Mississauga, Ontario L5T 2B3 Telephone: (905) 564-9422 Fax: (905) 564-9436
 Visit our website at: www.taco-hvac.com

Printed in USA
 Copyright 2009
 TACO, Inc.