



# S011 CIRCULATION UNIT

## PUMP STATION, PRODUCT SPECIFICATIONS

### TECHNICAL FEATURES

**Fluid Type:**

Water, glycol solutions (glycol 25% - 50% max)

**Calibration of Safety Valve:**

60psi

**Connection:**

3/4" NPT

**Permitted Temperature Range:**

+14 ° F/+320 F

**Max. Ambient Temperature:**

+104 °F

**Max. Operative Pressure:**

150 psi

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**Min. Pressure on Intake-Opening with Temperatures of:**

+120 °F : 0.8 psi

+203 °F : 4.4 psi

+230 °F : 14.5 psi

**Body:**

Brass EN 12165 CW617N

**Thermometer:**

Steel/Aluminum

**Seals:**

PTFE

**Sealing Elements:**

EpDM-Perox

**Flat Seals:**

Betaflex

**Insulation Shell:**

PPE, Conductibility ( $\Delta T$ ): 0.041 (W/mK)

**Pressure Gauge Scale:**

0 - 90psi

**Thermometer Scale:**

32-320 °F

**Connections:**

3/4" NPT

**Hose fitting for connections with expansion tank:**

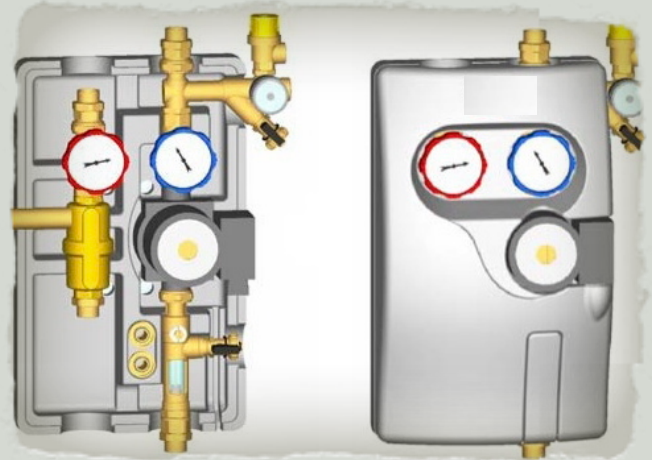
3/4" NPT

**Min. Pressure for On/Off and Check Valve:**

$\Delta p$ : 0.29 psi

**Filling/Emptying Connections with Hose Connections:**

5/8"

**Model Wilo Solar pump STAR S 21 U 15 130 PR 3**

Center-to-center distance: 5.12 inches  
between connections

Electrical power supply: 115V - 60Hz

Operating temperature: 14° - 230°F approx.

Max. temperature: 284°F for max 2 hours

Max. operating pressure: 145 psi

Protection level: NEMA 2

