

### Oventrop “Regusol” pumping station with integrated system controller, safety valve group, and circulating pump

#### Technical Specifications:

Transmission unit “Regusol-EL130” for the connection to the solar circuit 3/4” by use of “Regusol” compression fittings. Components include digital control, additional deaerator for the deaeration of the heat transfer fluid in the supply riser, and safety group. Complete, pre-assembled and leak tested unit facilitating the connection of a diaphragm expansion tank to the safety group:

- isolation of supply and return possible
- with adjustable flow measuring device with isolation facility for the regulation of the solar circuit
- with wall mounting device and insulation
- check valve integrated in the ball valve

Type of control:

Oventrop Regtronic PM digital controller

Number of sensors: 2

Number of outputs: 1

Temperature:

Max. continuous working temperature: 248°F

Max. short-term starting temperature: 320°F

Pressure:

Max. working excess pressure (safety valve): 87 psi

Opening pressure of the check valve: 0.29 psi

Pump type:

Wilo Star 16:

Power consumption: 80 W

Max. pump head: 16 ft/hd

Max. pump capacity: 4.0 gpm

Pump body: Cast Iron

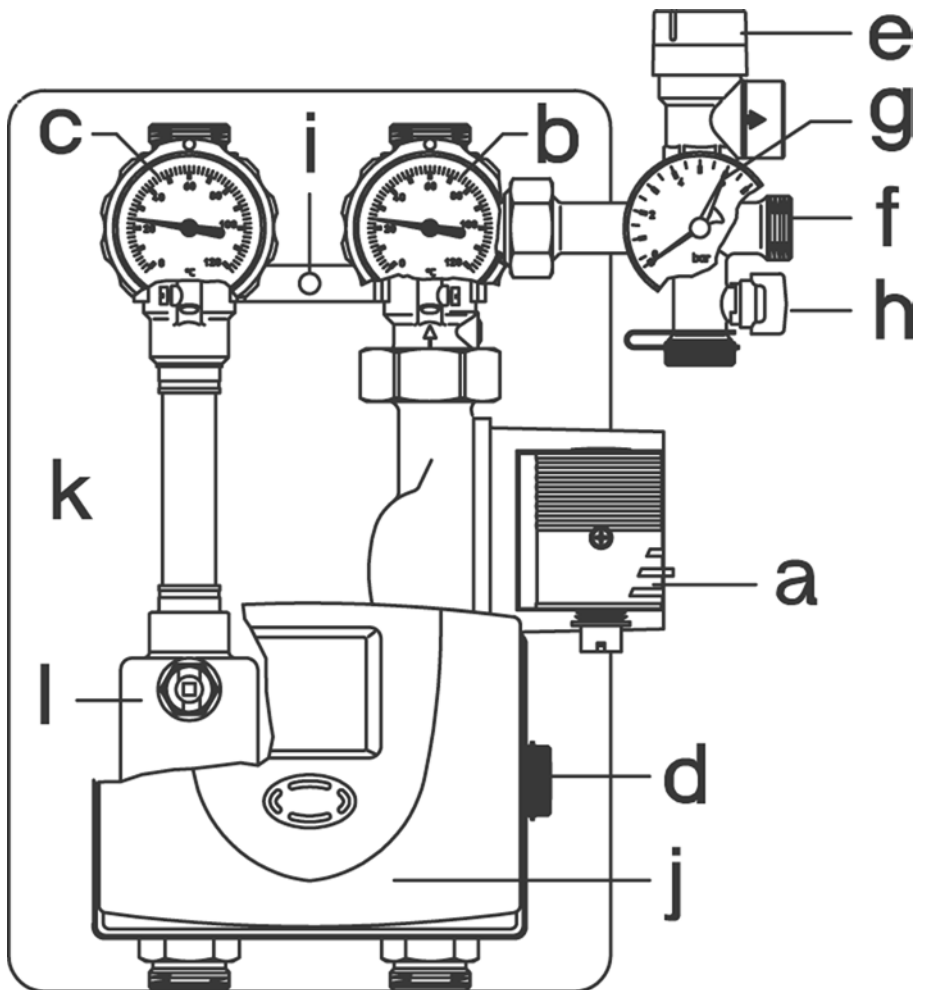
Flow meter:

Control ranges of flow meter: 0.5 - 4.0 gpm

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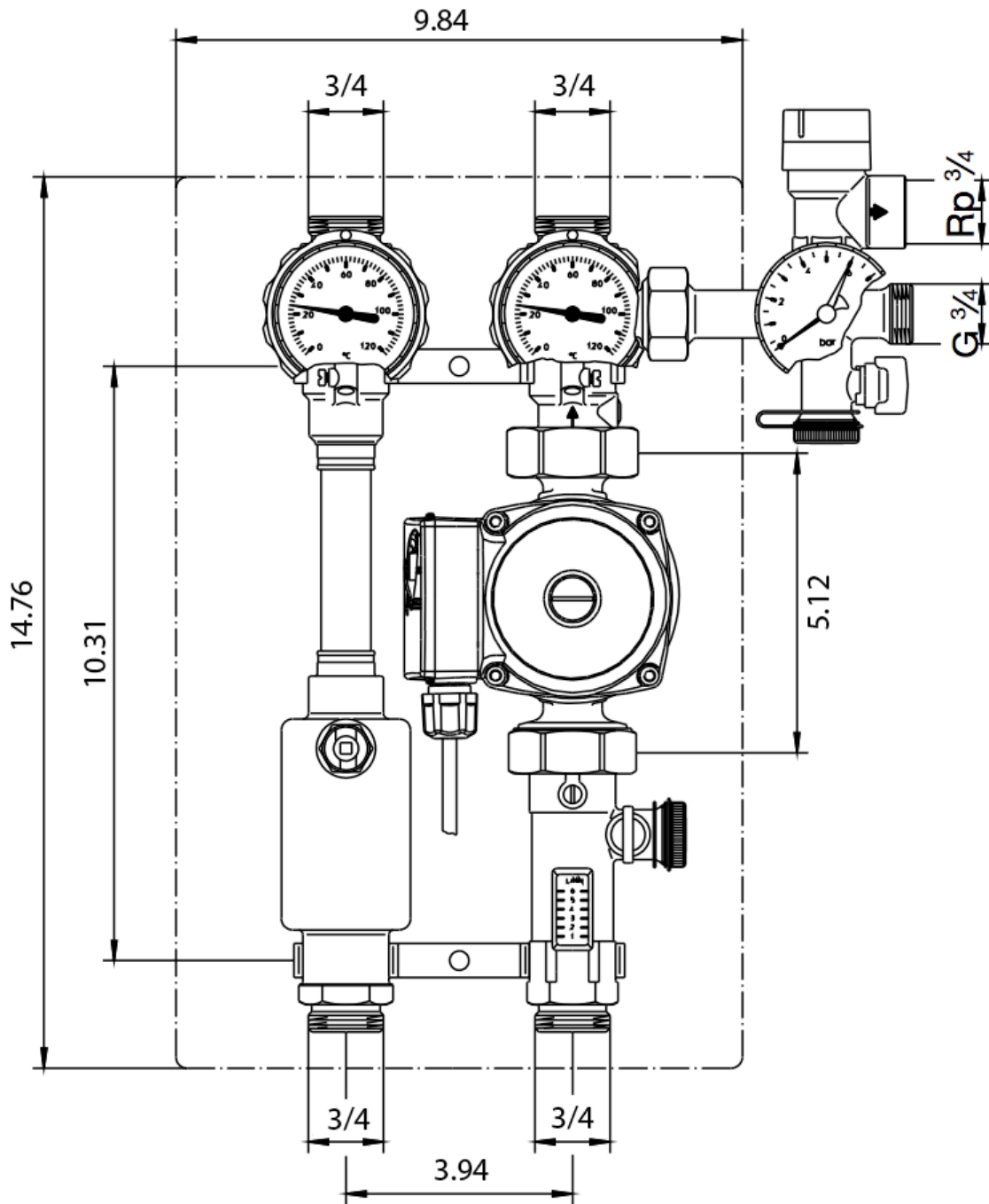
### Regusol Pumping Station Components

- a) Circulating Pump
- b) Collector supply side three-way ball valve, with temperature gauge, for connection to safety group
- c) Collector return side ball valve with temperature gauge
- d) Flow meter drain port
- e) Pressure relief valve, 87 psi
- f) Expansion tank connection port
- g) Safety group pressure gauge
- h) Safety group drain port with ball valve
- i) Wall mounting bracket
- j) Regtronic PM digital controller
- k) Insulation housing
- l) Collector return side deaerator



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## Regulol Pumping Station Dimensions (inches)



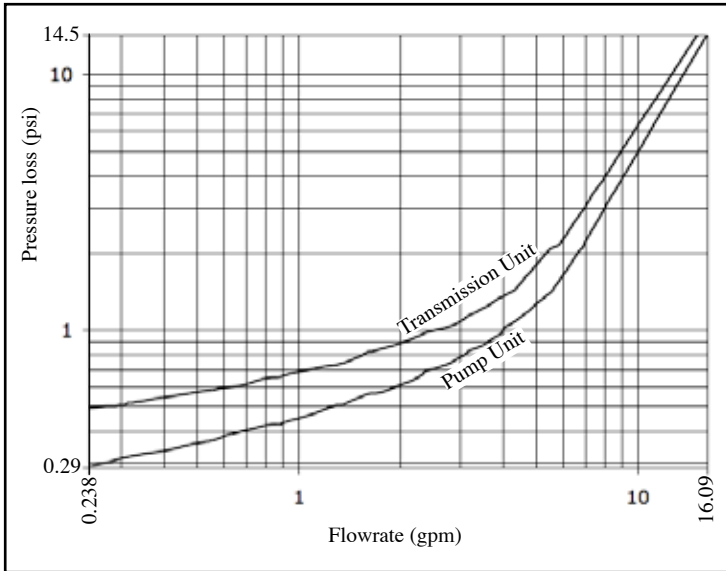
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## Technical Product Submittal

### Pressure and Flow characteristics

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Pressure Drop Chart



Pump Capacity

