

# INLINE 1100

## CONSTANT PRESSURE SYSTEM

The Inline 1100 provides constant pressure for both private wells and municipal/city water systems.





# INLINE 1100

## FEATURES

- Pump, motor, drive, and pressure switch in one box as a packaged system
- Small and compact design fits into small areas, even between floor joists
- Stainless steel construction for years of operation
- Simple and easy installation with step-by-step illustrated instructions
- Integrated motor design allows water to flow around it for quiet and cool operation
- NEMA 4 (IP56) electronics enclosure
- Multiple mounting configurations allow for the unit to be installed where you need it, whether horizontal, vertical, or even upside down
- Built-in system protections guard the Inline unit from many common failure modes including surge protection, voltage underload, locked pump, open circuit, short circuit, and overheated controller



## APPLICATIONS

- Boosted and constant water pressure from water storage/cistern systems
- Homes (in both private and municipal applications)
- General pressure boosting
- Sprinkler systems
- Farming and commercial wash down systems

## TECHNICAL INFORMATION

- Flow Range: Up to 35 gpm (135 lpm)
- Product Power Rating: 1.5 hp (1.1kW)
- Min. Incoming Pressure: 3-5 psi (0.2-0.3 bar)
- Min. Incoming Flow and Cisterns: Flooded suction w/o water vortexing
- Max. Incremental Pressure Boost: 60 psi (4.1 bar)
- Max. Ambient Operating Temperature: 104 °F (40 °C) continuous
- Max. Fluid Operating Temperature: 104 °F (40 °C)
- Incoming voltage: 190-260 VAC (will operate at 190 VAC reduced power)
- Frequency: 50/60 Hz
- Operating Frequency Range: 20-63 Hz
- Current (Max.): 12 Amps (rms)
- Pressure Setting from Factory: 50 psi (3.4 bar)
- Pressure Adjustment Range: 25-80 psi (1.7-5.5 bar)
- Relative Humidity: 0-100%, Condensing
- Shipping Weight: 50 lbs (22.7 kg)

## ORDERING INFORMATION

Model Description	Order No.	Input Voltage	Input Phase
25SDIL1100N4* (Complete pump w/NPT)	90401101	230	Single

\*Includes pump, motor, drive, pressure switch, and all cables

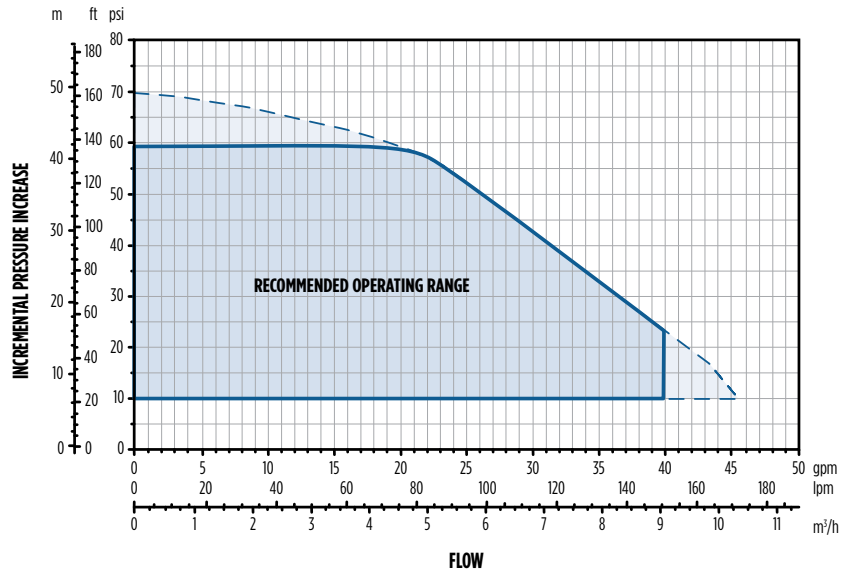
# INLINE 1100

## ACCESSORIES & REPAIR KITS

Model Description	Order No.	Input Voltage	Input Phase
Drive Assembly	305707907	230	Single
Pump Motor Assembly	305707902	230	Single
Mounting Feet	305707903	N/A	N/A
Pressure Switch	305707906	N/A	N/A
Pressure Tank (2-gallon)	305707910	N/A	N/A
Fastener Kit	305707904	N/A	N/A
Pressure Switch Cable	305707905	N/A	N/A
Overpressure Switch*	305707909	N/A	N/A
Overpressure Switch Cable*	305707908	N/A </td <td>N/A</td>	N/A
Overpressure Switch & Cable Combo*	305707912	N/A	N/A
Duplex Alternator	5850012000	115	Single
Kit O-Ring (NBR)	14221002	N/A	N/A
Kit Mechanical Seal	14222023	N/A	N/A
Kit Ball Bearings	14231001	N/A	N/A

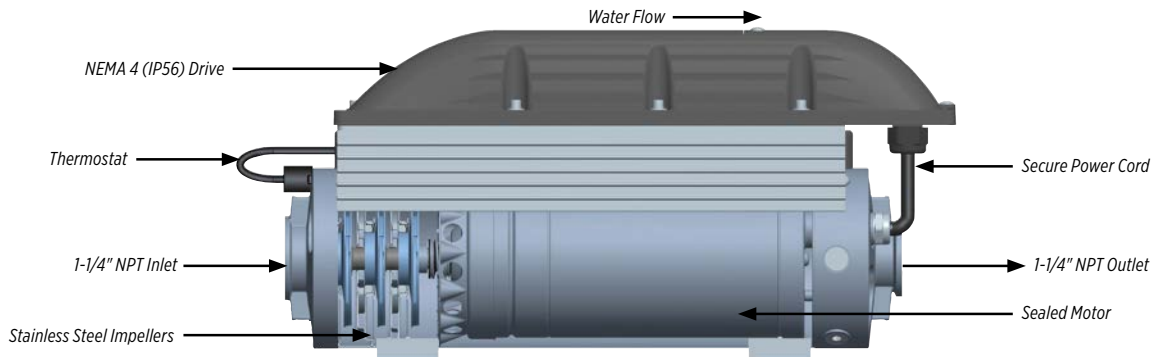
\*Overpressure switch is sold as an accessory and is not required for normal operation

## PERFORMANCE

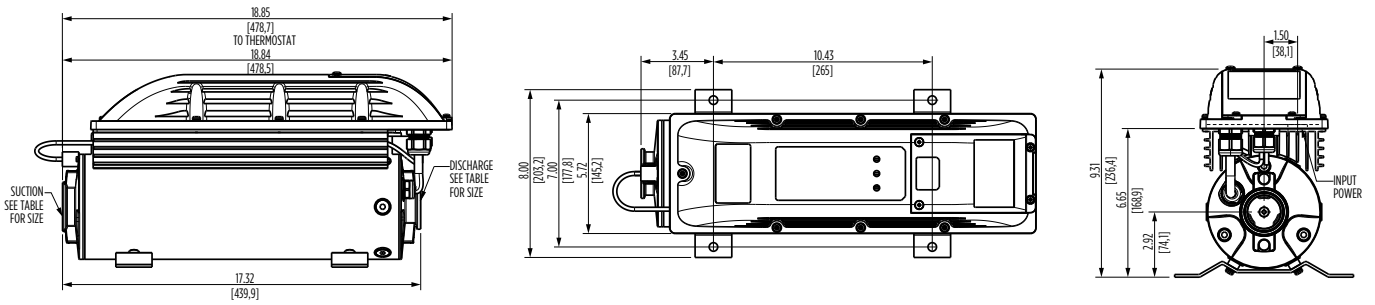


NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

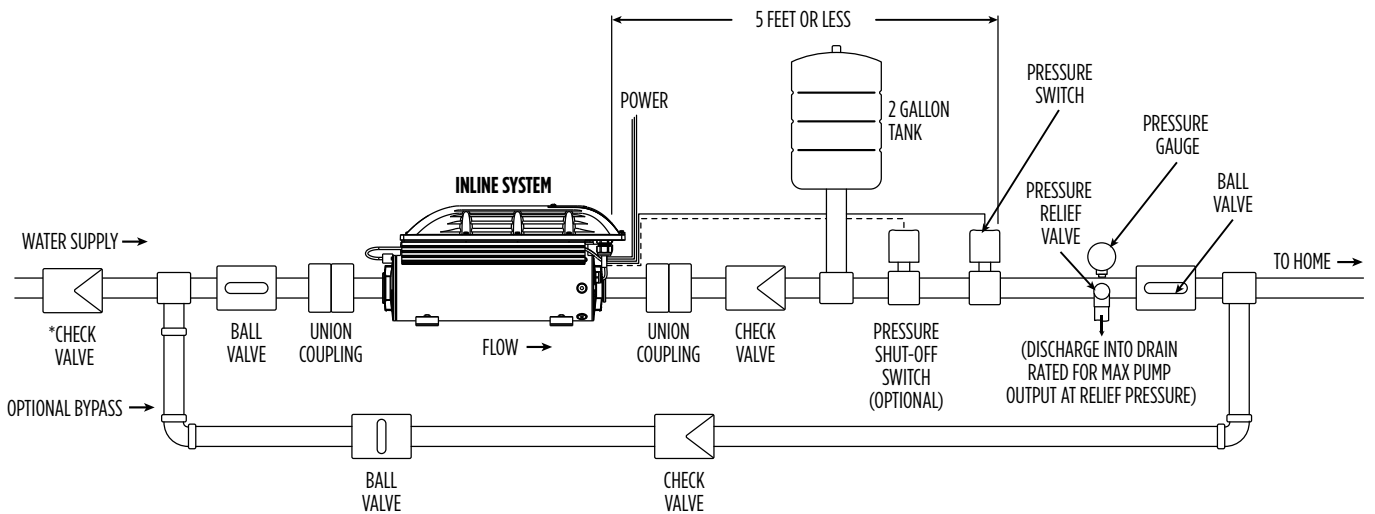
## SYSTEM COMPONENTS



## DIMENSIONS



## TYPICAL INSTALLATION



**NOTE:** These optional components are shown in a typical installation diagram. They should be used at the installer's discretion as required for particular applications.  
 \* When connected to a municipal system, if the plumbing does not have a backflow prevention device, a check valve is required on the incoming water supply line.  
 If installed on a cistern, the check valve should be passive or be eliminated.

