

Pulsa Series® 8480X

HYDRAULIC DIAPHRAGM METERING PUMP

The big brother of the PULSA Series® family, the Model 8480X can pump over 2200 gph (8328 lph) and up to 3625 psi (250 bar). The PULSA Series® 8480X was designed to provide years of dependable liquid metering. It features rugged, heavy duty construction combined with traditional PULSA Series® precision. Like every PULSA Series® pump, the 8480X is the result of over 70 years of pump research, development and testing. The PULSA Series® 8480X is commonly used for applications in industries such as chemical processing, petrochemical, oil & gas and power. It is the first choice for quality, serviceability and economical cost of ownership.



Applications

- corrosion inhibitors
- anti-scalants
- slurries
- disinfection
- pH and odor control



Flow

up to 2.292 gph (8.676 lph)



Pressure

up to 3.625 psi 250 bar)

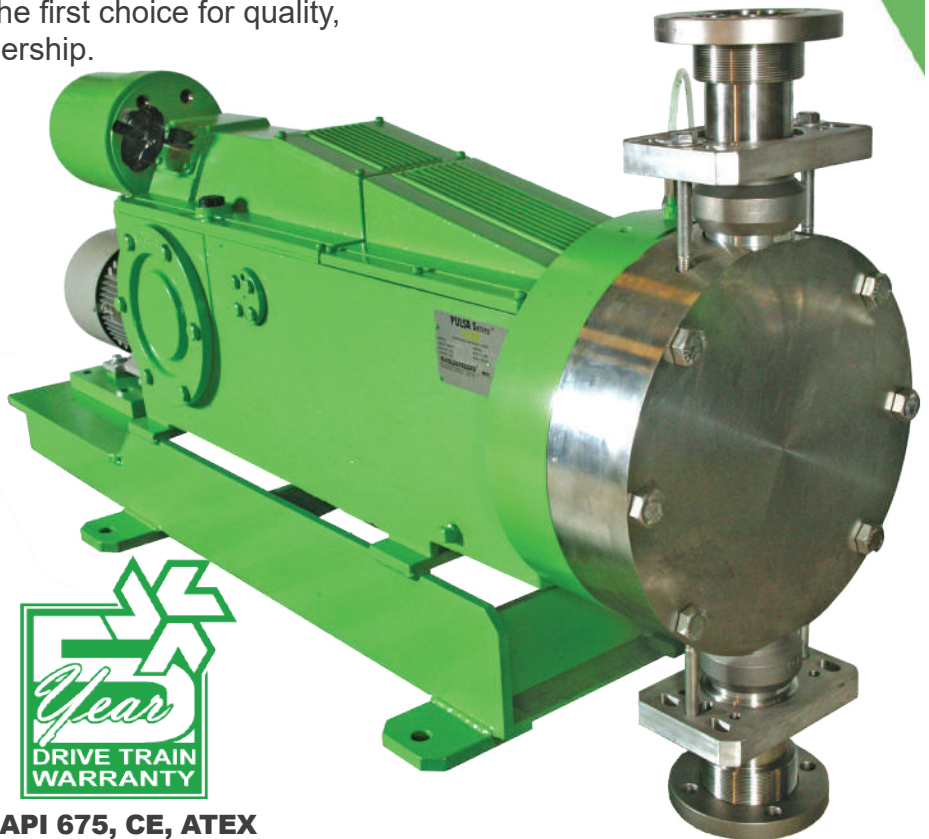


Temperature

up to 250°F (121°C)



API 675, CE, ATEX



Standard materials of construction

- Wet end: 316LSS, GF-PTFE, PVC
- Diaphragm: PTFE
- Pump body: Cast Iron
- Valve ball: 316LSS, Alumina Ceramic
- Valve gaskets: PTFE

Connection types

- NPT
- Raised-face flange

Controls

- XAE - stroke length
 - NEMA Type 4X & Type 7
- VFD - motor speed

Leak detection

- PULSAlarm®
 - Pressure based
 - IP66, NEMA Type 4X, NEMA TYPE 7

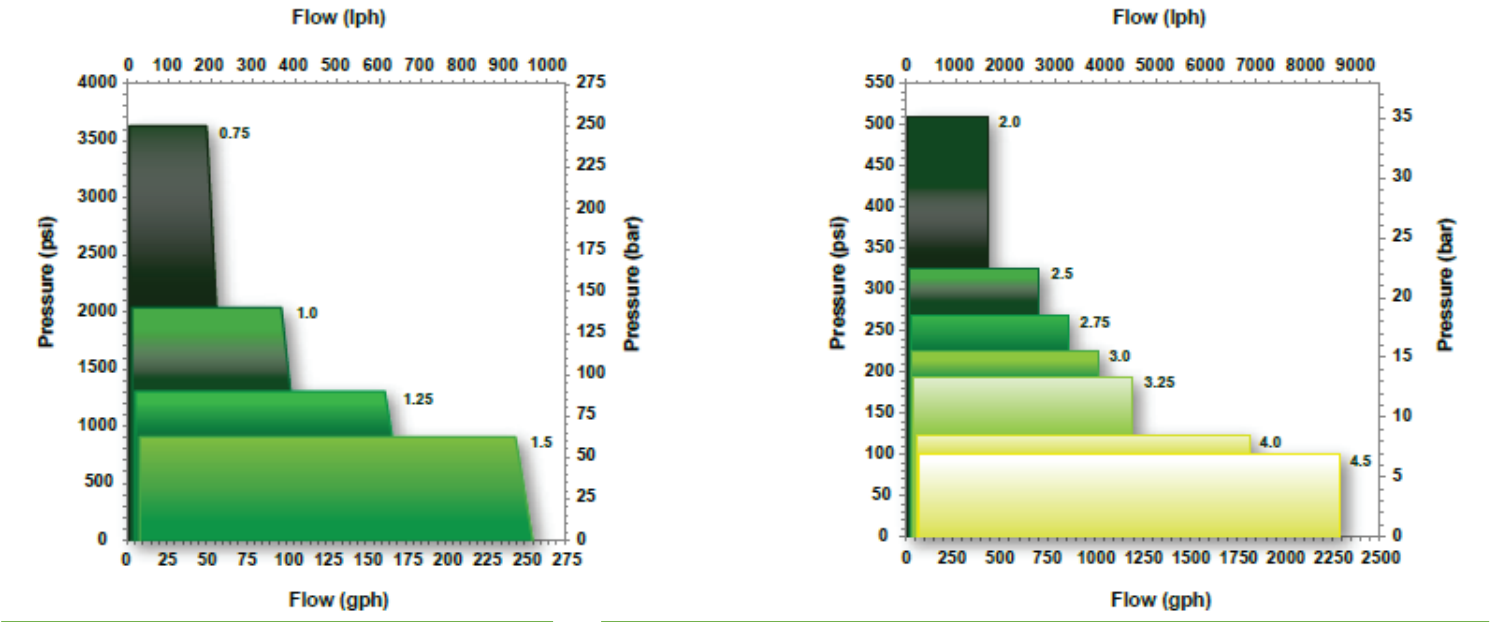
Duplex configurations

Check valve design

- Three component
- Delivers exceptional performance
- Easily serviced
- Does not require piping removal
- Disc valves standard for high flow service

 **PULSAFEEDER®**
ENGINEERED PRODUCTS

FLOW & PRESSURE ENVELOPE



FEATURES & BENEFITS

- Full motion stroke length control yields 0-100% linear flow adjustment over a 10:1 turndown range
- Hydraulically balanced diaphragm for long life and reduced service costs
- Proven hydraulic management system assures consistent performance and rapid recovery from system upsets
- Material options for safety, durability and chemical compatibility
- Sealed drive protects against atmospheric contamination and assures long service life
- Easy maintenance KOPkit® (Keep on Pumping kit) saves time and money

CUSTOM ENGINEERING

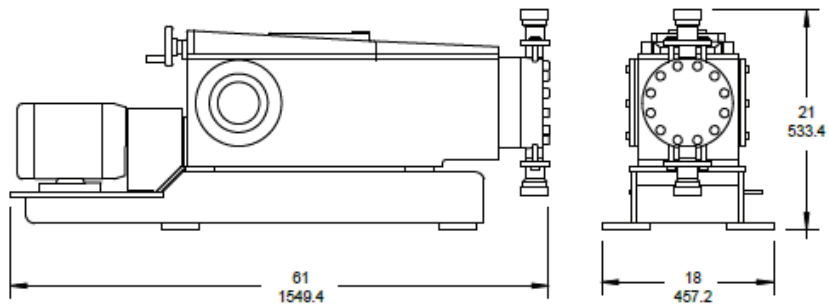
- Exotic materials: Alloy C, Alloy 20, Monel, DuplexSS, PVDF
- Extended temperature ranges
 - From -40°F (-40°C) to 700°F (371°C)
 - Remote heads and jackets
- Custom electronic controls
- Multiplex configurations
- Pneumatic stroke control
- HYDRAtube® design
- Extended pressures to 5,000 psi / 345 bar
- Degassing valve
- Chemical feed systems
- Application consulting

SPECIFICATIONS

Materials	316LSS, PVC, GF-PTFE	Max temp	250°F (121°C)
Diaphragm type	Flat, Flat LD, Tube	Min temp	40°F (4.4°C)
Motor power	up to 10 hp (7.5 kW)	Accuracy	± 1.0%
Motor frame	NEMA 182T/184T, 213/215T, IEC 90B3	Standards	API 675, CE, ATEX

DIMENSIONS

Approximate shipping weight: 950 lb. (431 kg.)



Inches
[Millimeters]

The dimensions given may differ depending on pump configuration.

Pulsafeeder, Inc.
2883 Brighton Henrietta Town Line Rd.
Rochester, NY 14623
Phone: +1 (585) 292-8000
pulsa@idexcorp.com • pulsafeeder.com

Pulsafeeder is an ISO 9001 Certified Company.

pulsa8480spec_Rev0726