



1XP Series Pumps

Designed and proven for extractor applications



Product Quality, Reliability and Support You Expect

www.catpumps.com

Cat Pumps® is excited to present our latest pump innovation.

With over 40 years of experience, Cat Pumps triplex pumps have proven themselves to be among the most durable and dependable. Our experience and drive for quality products led to the development of a new, extremely reliable duplex plunger pump. The 1XP Series Pumps were developed specifically for portable extractors, and are proving successful in many applications.

The durability of the 1XP Series Pumps is a great fit for the extractors you depend on every day. This same durability has led to the 1XP Pump being used in other applications like Electric Truck Mounts, Misting, Hydrostatic Testing and Wash-down Units.

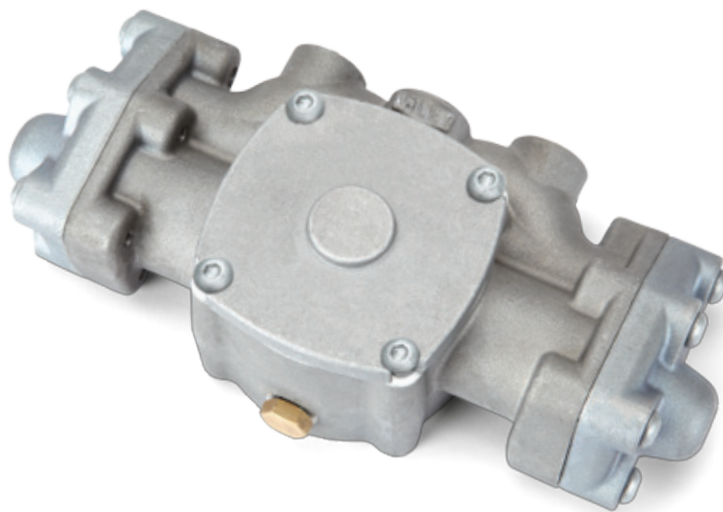
We continue to invest in new products and technologies to provide the innovation you've come to expect from Cat Pumps.

The Best Extractor Pump Available

- Designed to fit extractor space and foot print
- Developed to be the longest lasting extractor pump available
- Supported with Cat Pumps' industry-leading customer service
- Strict quality control process ensures consistent reliability

Pump

Flow :	0.5 – 2 gpm
Pressure range:	100 – 1000 psi
RPM:	1750 (60 Hz) 1450 (50 Hz)
Inlet Pressure Range:	Gravity to 40 psi
Maximum liquid temperature:	140° F
Inlet Port:	3/8" NPTF
Discharge Ports:	3/8" NPTF
Seals:	Fluorocarbon (FPM)
Manifold:	Plated Aluminum



Patented water-lubricated technology

- Long life
- Clean
- Smooth running
- Compact

AC (Induction) Motor

HP	1/3, 1/2, 3/4
Type	ODP
Volts	115/230
Hz	50/60
RPM	1450/1750
Phase	Single
Service Factor	1.0/1.35 (50/60)
Start	Capacitor
Recognized	CE, UL, and CSA

DC (Permanent Magnet) Motor

HP	1/3
Type	ODP
Volts	120 Rectified DC
RPM (at rated load)	1750
Service Factor	1



AC (Induction) Motor



DC (Permanent Magnet) Motor

1 Easily Primed

- Self-Priming – just turn it on.
- Cat Pumps' exclusive Super Flow Technology

2 Patented Greaseless Design

- Greaseless = no maintenance
- Greaseless = no grease stains
- 100% sealed wet end = no leakage

3 Solid Ceramic Plungers

- Improved Seal Life – ceramic won't score like stainless steel plungers
- Ceramic plungers don't require changing when replacing seals

4 Conveniently located Ports

- Easy to assemble and maintain
- Improved Inlet conditions

5 Proven High-Pressure Seals

- Consistent quality
- Life measured in thousands of hours

6 Keyed Shaft

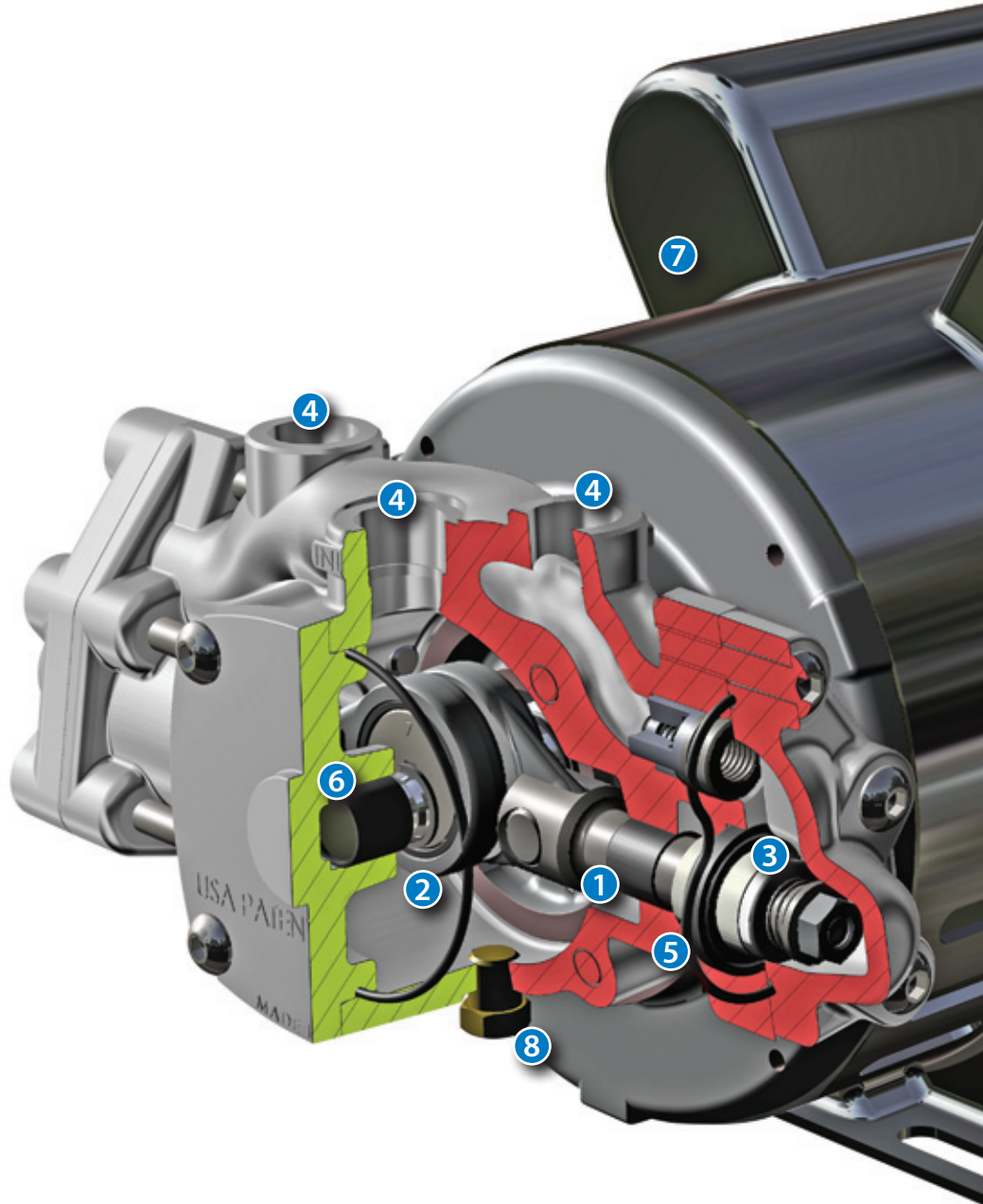
- Pump can operate with clock-wise or counter clock-wise motor rotation
- Stronger than a threaded connection

7 Industrial Motors

- AC (Induction)
- DC (Permanent Magnet)

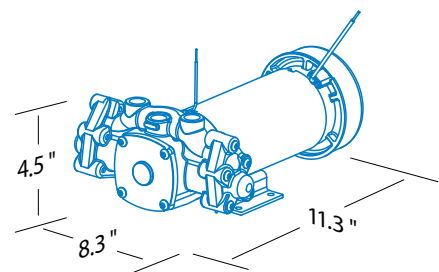
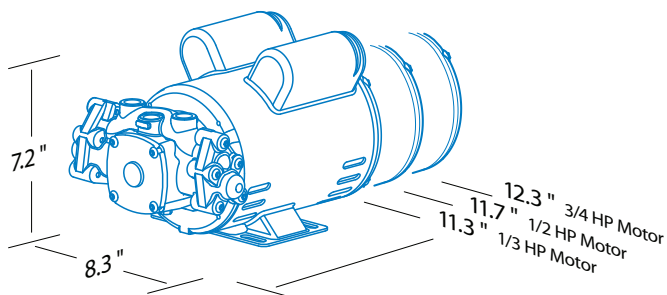
8 Easy to Drain

- Faster service
- Less mess



Compact Design

The 1XP Series Pumps were designed for high performance with a small footprint.



Selection Chart - AC (Induction Motor)

GPM	Max PSI	Amps (at max psi)	Pump Assembly	Motor HP
0.5	800	3.9	1XP050.031	1/3
0.75	600	4	1XP075.031	
0.85	600	4	1XP085.031	
1	500	4	1XP100.031	
1.25	400	3.6	1XP125.031	
1.5	325	3.9	1XP150.031	
2	250	3.7	1XP200.031	1/2
0.4	1000	6.3	1XP050.051	
0.7	1000	7.8	1XP075.051	
0.8	1000	7.5	1XP085.051	
0.9	800	7.4	1XP100.051	
1.2	800	7.6	1XP125.051	
1.5	600	7.3	1XP150.051	3/4
2	450	7.2	1XP200.051	
1.4	800	8.8	1XP150.071	
2	550	8.3	1XP200.071	

* Based on 60 Htz, 120 VAC

Selection Chart - DC (Permanent Magnet)

GPM	Max PSI	Amps (at max psi)	Pump Assembly	Motor HP
0.5	600	2.5	1XP050.03DC	1/3
0.75	500	2.5	1XP075.03DC	
0.85	400	2.6	1XP085.03DC	
1	350	2.6	1XP100.03DC	
1.25	300	2.6	1XP125.03DC	
1.5	250	2.7	1XP150.03DC	
2.3	150	2.6	1XP200.03DC	

* Based on 120 Volt Rectified Power

Accessories and Kits



Pressure Controls

7085 Regulator
7580 Unloader



Pressure Gauge

6086 1/4" NPT, Bottom Mount
6094 Panel Mount



Strainer

7203.3 1/4" NPTM
7204.4 1/4" NPTF



Repair Parts

76227 Inlet Valve Kit
76218 Discharge Valve Kit
76219 Seal & O-Ring Kit
76555 Plunger Rod Assy

Our global mission is to exceed every customer's expectation for quality, reliability, product availability, and technical support. This mission is the foundation of our company's ongoing success. Cat Pumps' products provide a low-life cycle cost, giving you exceptional value over the life of the system.

Sales and service support are readily available with distributors in every U.S. state, southern provinces of Canada and an extensive world-wide distribution network.

