

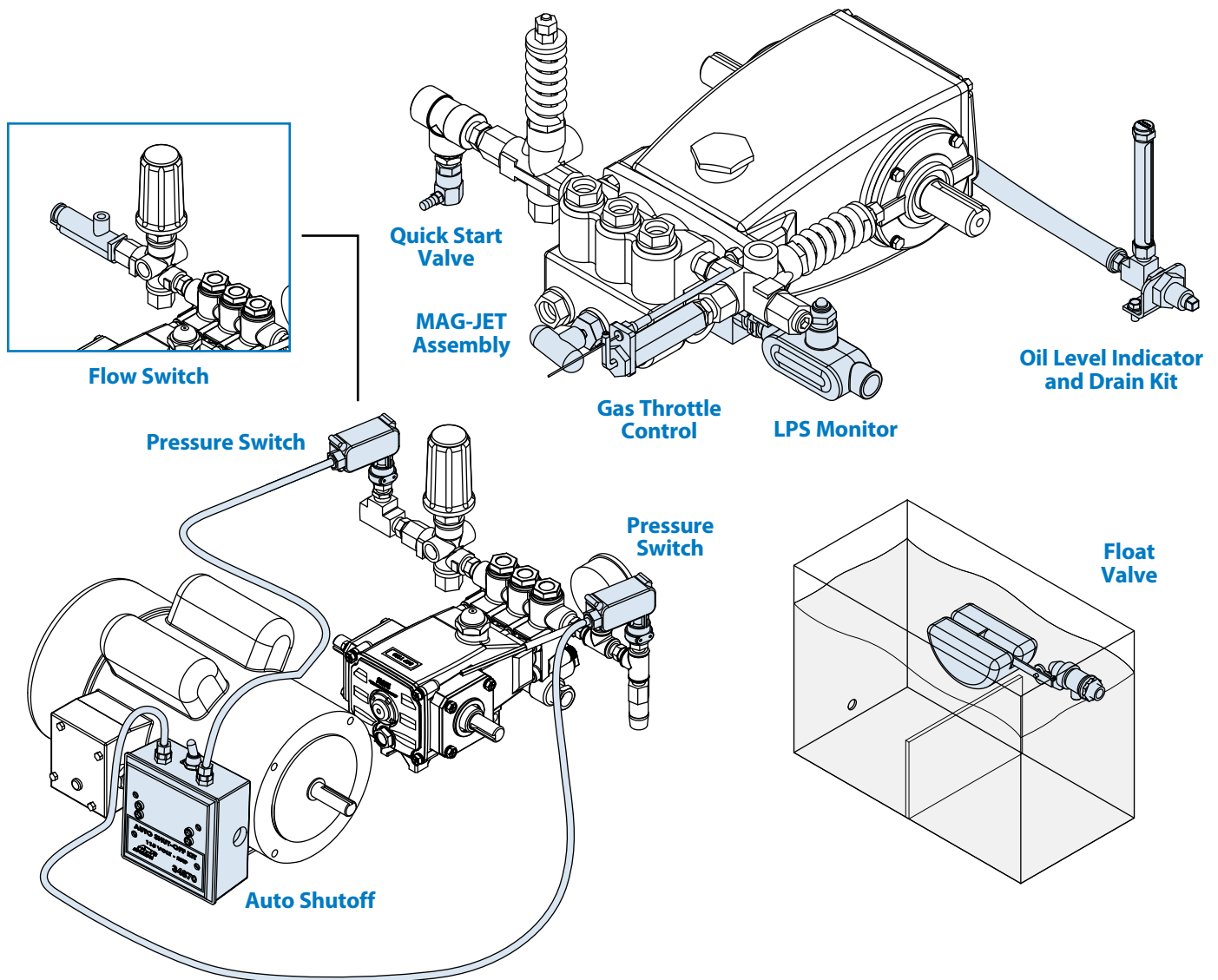
ACCESSORIES

Specialty Controls



Cat Pumps® offers a wide range of quality accessories. Adhering to the same exacting standards as our pumps, all accessories are performance-tested and designed to match each pump's unique specifications. By demanding Cat Pumps products, you receive the best value and lowest life-cost over the life of the system.

To ensure the very best system life-cycle, Cat Pumps offers quick start valves, auto shut-off assemblies, pressure switches, flow switches, MAG-JET and pulsator assemblies, oil level indicators and drain kits, float valves and advanced control options; i.e. Variable Frequency Drives (VFD) to meet your operator accessories needs. Whatever the need, Cat Pumps has a selection of proven accessories to compliment your pump investment.

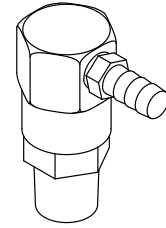


Be the best-in class and realize low life cycle costs —
Choose pumps and accessories from Cat Pumps!

Quick Start Valve

Designed to relieve pump discharge line pressure during system start-up.

- Use with a pressure lock up style unloader (install after unloader).
- Requires less engine or motor start-up power.

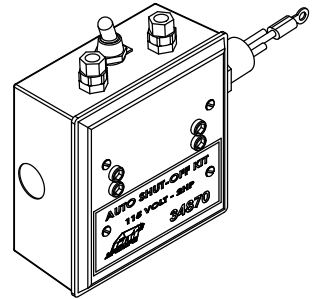


MODEL	MAXIMUM FLOW gpm/lpm	MAXIMUM PRESSURE psi/bar	PSI/BAR	INLET PORT	BARB
7126	8.0/30	4050/280	105/7.25	3/8" NPTM	1/4"

Auto Shut-Off Assembly

Used to automatically shut off system when trigger gun is released or nozzle is closed.

- Assembly includes a pair of pressure switches, mechanical relay, electrical box and toggle switch.
- Higher horsepower units use a magnetic motor starter and overload heaters.



MODEL	HORSEPOWER/ PHASE	MAXIMUM VOLTS	PRESSURE SWITCH MODELS	MECHANICAL RELAY MODEL	STARTER
34870	2/1	115	31615, 31625	34542	NA
34871	3/1	220	31615, 31625	34543	NA
34944	5/1	230	31625, 31640	NA	34938
31620	5/3	230	31625, 31640	NA	34938

Pressure Switches

Pressure activated control device to control on-off operation of low amp system components.

- Non-adjustable, preset pressure setting for consistent system protection.
- 3 wire construction for either normally open or normally closed operation.

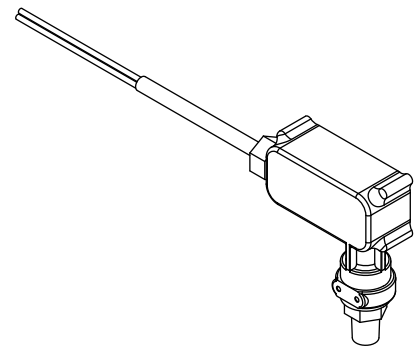
MODEL	MAXIMUM PRESSURE psi/bar	ENGAGING PRESSURE psi/bar	VOLTAGE RANGE	MAXIMUM AMP	INLET PORT
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STAINLESS STEEL - NPT PORTS

31615	3650/250	220/15	12-250	6	1/4" NPTM
31625	3650/250	360/25	12-250	6	1/4" NPTM
31640	3650/250	580/40	12-250	6	1/4" NPTM

STAINLESS STEEL - BSP PORTS

39132	3650/250	580/40	12-250	6	1/4" BSPM
32721	5800/400	650/45	12-250	6	3/8" BSPM

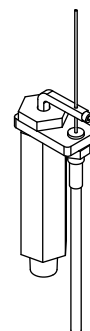


Gas Throttle Control

Reduces engine wear and fuel consumption by lowering RPM when pump is in by-pass.

- Can be used on any size gas engine.
- Should not be used with a pressure regulator.

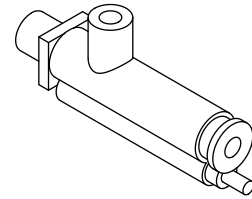
MODEL	MAXIMUM PRESSURE psi/bar	ACTION PRESSURE psi/bar	INLET PORT
8100	4000/275	250/18	3/8" NPTM



Flow Switches

Flow control device used to shut down pump when there is no flow to Inlet of pump or to shut down system when trigger on gun is released.

- Mount to discharge fitting of unloader to monitor change in flow.
- Use in conjunction with a relay switch.

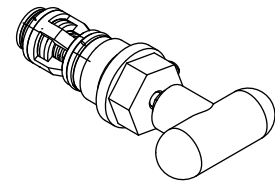


MODEL	FLOW RANGE gpm/lpm	MAXIMUM PRESSURE psi/bar	MAXIMUM VOLTAGE/AMPS	PORTS Inlet/Discharge
33786	1.6 - 8.0/6.0 - 30	5100/350	230/3	3/8" BSPF
33776	1.3 - 7.0/4.9 - 26.5	3500/240	250/1	3/8" BSPM

MAG-JET and Pulsator Assemblies

Converts your water pressure pump to a water jetting pump.

- Eliminates traditional dry pumping chamber and damaging pump.
- Easily mounts in the manifold inlet plug on most Cat Pumps models.

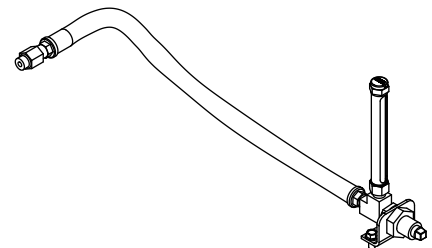


MODEL	USED ON PUMP MODELS
MAG-JET ASSEMBLIES	
31804	3CP1120, 3CP1120G, 3CP1130, 3CP1140
31805	66DX30G11, 66DX35G11, 66DX40G11
31810	56, 56G1, 57, 59, 59G1, 60, 60G1
31814	310, 340, 350, 5CP2120W, 5CP2140WCS, 5CP2150W
31815	45, 45G1, 5CP3120, 5CP3120CSS, 5CP3120CSSG1, 5CP5120, 5CP5150CSSG1
31845	51G1, 58G1, 660, 1050, 5CP6120, 7CP6170
PULSATOR ASSEMBLIES	
34455	2SFX series pumps
36086	2SF series pumps
76560	1560

Oil level indicator and drain kits

Easily monitor crankcase oil level at-a-glance and improve pump maintenance.

- Conveniently monitor oil when existing bubble gauge is obscured.
- Oil drain kit can be mounted at desired location for easy maintenance.



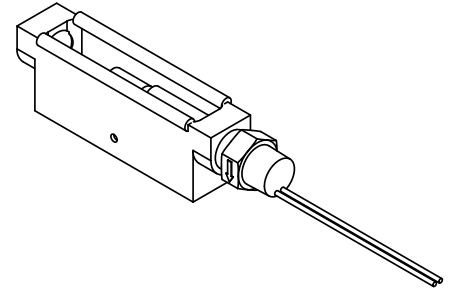
MODEL	USED ON PUMP MODELS
OIL LEVEL INDICATOR	
76144	Piston pumps: 1520 thru 6041 Plunger pumps: 2510 thru 6861K EXCEPT 35 and 38 Frame series
OIL LEVEL INDICATOR W/DRAIN KIT	
76334	All Piston and Plunger pumps and 66DX, EXCEPT Plunger pumps 2DX, 2SF, 2SFX, 3DNX, 3DX, 3SP, 3SPX and 4SF series
76074	All stainless steel or nickel aluminum bronze pumps EXCEPT Plunger pumps 20X, 2SF, 2SFX, 3DNX, 3SP, 3SPX, 4SF, 660X series
DRAIN KITS	
34314	Piston pumps: 6020 thru 6041 Plunger pumps: 3501 thru 3560, 3801 thru 3841K, 6747 Thru 6777, and 6801 thru 6861K
34334	All piston and plunger pumps and 66DX, EXCEPT plunger pumps 2DX, 2SF, 2SFX, 3DNX, 3DX, 3SP, 3SPX and 4SF series
990394	Plunger pumps: 2DX, 2SF, 2SFX, 3DNX, 3DX, 3SP, 3SPX and 4SF series

LPS Monitors

Designed to sense water leakage past the low pressure seals.

- Can configure the monitor to PLC or PC based systems.
- Light option to alert maintenance personnel when pump seal replacement is required.

MODEL	USED ON PUMP MODELS
PLC/PC INTERFACE FOR 15 AND 18 FRAME PLUNGER PUMPS	
30664	Plunger pumps: 650 thru 1861K
INDICATOR LIGHT FOR 15 AND 18 FRAME PLUNGER PUMPS	
30664.120AC	Plunger pumps: 650 thru 1861K
PLC/PC INTERFACE FOR 25 FRAME PISTON, 25,28,35 AND 38 FRAME PLUNGER PUMPS	
30290, 30292	Piston pumps: 1520 thru 2521 Plunger pumps: 2530 thru 2831K, 3501 thru 3560, 3801 thru 3841K
INDICATOR LIGHT FOR 25 FRAME PISTON, 25,28,35 AND 38 FRAME PLUNGER PUMPS	
30290.120AC	Piston pumps: 1520 thru 2521 Plunger pumps: 2530 thru 2831K, 3501 thru 3560, 3801 thru 3841K

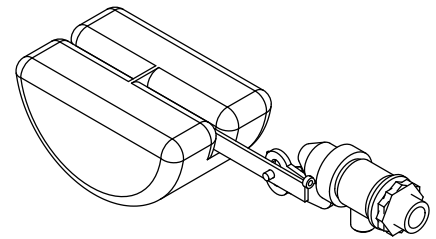


Float Valves

Maintains adequate liquid level in reservoir to assure consistent flow to pump inlet.

- Adjustable or preset models available.
- Compact and easy installation.

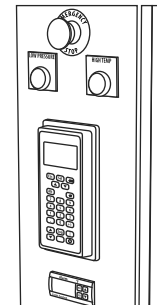
MODEL	MAXIMUM FLOW gpm/lpm	MAXIMUM INLET PRESSURE psi/bar	INLET PORT	INTERNAL BODY
ADJUSTABLE				
31013	7.1/27	145/10	3/8" BSPM	Brass
PRESET				
32010	8.0/30	145/10	3/4" BSPM	Polyethylene



Advanced Control Options

Used for custom engineered systems.

- Variable Frequency Drives
- PID Loop (varies speed of pump to maintain system pressure)
- Auto Shutdowns (Temperature and Low Inlet Pressure)
- Various other control options available to suit your custom application needs.



Total Life Cycle Cost:

More and more users of pumping systems are making purchase decisions based on a systems Total Life Cycle Cost and not based on the systems initial cost. Pump, installation, energy use, downtime, operating expense and maintenance are all factors considered to determine a systems overall life cycle cost. The objective of life cycle costing is to evaluate and optimize product life costs yet satisfying the performance, safety, reliability, and maintainability of the system.

Cat Pumps is keenly aware of minimizing life cycle costs in both its pump and accessory component designs. A pumping systems ongoing performance is as good as its weakest component, that's why we rigorously test and evaluate our accessory components. Our mission is to provide the best system value by providing pumps and accessories that exceed your performance and reliability expectations so you can realize the lowest possible life cycle cost.



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