

General Characteristic

City JS & SSJet Pressure Sets

These compact pressure sets will increase the pressure of potable or clean water to equivalent mains pressure for many uses such as domestic or agricultural water supply, rainwater harvesting, irrigation, car washing or connecting to industrial process machines. The water pressure can be adjusted within the limitations of the pump for even greater flexibility and to individual requirements. Water can be used from wells, tanks, shallow boreholes, spring catchments and harvested rainwater. It's simple to install with only three connections, (plumbing water to and from the set and making the electrical connection).

The versatility and quietness of these units lends themselves to 1001 uses, all being economical to run and inexpensive to buy.



City JS150 mounted above a 100 litre Horizontal pressure vessel.



City JS50 mounted above a 20 litre horizontal

Technical Specification

These pumps are of the well proven Jet type with noryl impellers and difuser inside the pump body being attached to a motor via a stainless steel drive shaft. A start capacitor is housed above the motor, cooling is by an external fan protected by a steel cover. Fitted onto the pump body is a pressure switch, pre-set to 20/40 lbs/sq. inch, joined to the motor by electrical cable and a pressure gauge giving a visual indication of the pressure within the system. The pump is bolted above a horizontal surge tank having a removable butyl diaphragm. From the discharge of the pump is a three way tee and flexible hose, this transports water under pressure to the surge tank and is also the take off "point of use". Water connections to and from the pump are 1" B.S.P. female ports. The complete unit starts and stops automatically by sensing the pressure of water in the delivery pipe, these settings are adjustable within the limitations of the pump.





The Complete Range

The Amos Range of single pump Jet Pressure Sets can be seen in the table below.

Other pressure sets are available using other pumps such as the PM range, IC and submersible borehole pumps as well as using the PressControl automatic pump control unit.

Our sales team will be pleased to offer advice and information on your application as we can also manufacture multiple pump sets.



Type code	Suction Size	Delivery Size	Motor kW	Motor HP	Flow Rate (l) l/min	Pressure Setting Low. p.s.i.	Pressure Setting High. p.s.i.	Length mm	Width mm	Height mm
PS20H-JS05M	1"	1"	0.37	0.5	45	20/40	20/40	650	265	497
PS20H-J05MSS	1"	1"	0.37	0.5	50	20/40	20/40	650	255	484
PS20H-JS08M	1"	1"	0.6	0.85	50	20/40	30/50	650	265	497
PS20H-J08MSS	1"	1"	0.6	0.85	50	20/40	30/50	650	255	484
PS20H-JS10HM	1"	1"	0.75	1	50	20/40	40/60	650	315	515
PS20H-J10HMSS	1"	1"	0.75	1	50	20/40	40/60	650	255	539
PS60H-JS05M	1"	1"	0.37	0.5	50	20/40	20/40	830	315	600
PS60H-J05MSS	1"	1"	0.37	0.5	50	20/40	20/40	830	380	654
PS60H-JS08M	1"	1"	0.6	0.85	50	20/40	30/50	830	380	600
PS60H-J08MSS	1"	1"	0.6	0.85	50	20/40	30/50	830	380	654
PS60H-JS10HM	1"	1"	0.75	1	50	20/40	40/60	830	380	692
PS60H-J10HMSS	1"	1"	0.75	1	50	20/40	40/60	830	380	654
PS60H-JS15HM	1.5"	1"	1.1	1.5	50	30/50	50/70	830	380	692
PS100H-JS08M	1"	1"	0.6	0.85	50	20/40	30/50	960	450	692
PS100H-J08MSS	1"	1"	0.6	0.85	50	20/40	30/50	960	450	724
PS100H-JS10HM	1"	1"	0.75	1	50	20/40	40/60	960	450	692
PS100H-J10HMSS	1"	1"	0.75	1	50	20/40	40/60	960	450	756
PS100H-JS15M	1.5"	1"	1.1	1.5	50	30/50	50/70	960	450	692
PS200H-JS10HM	1"	1"	0.75	1	50	20/40	40/60	960	450	792
PS200H-J10HMSS	1"	1"	0.75	1	50	20/40	40/60	960	450	856
PS200H-JS15HM	1.5"	1"	1.1	1.5	50	30/50	50/70	1215	550	792
PS200H-J150M	1.5"	1"	1.1	1.5	60	30/50	50/70	1215	550	890
PS200H-J200M	1.5"	1"	1.65	2.2	80	30/50	50/70	1215	550	890
PS300H-J150M	1.5"	1"	1.1	1.5	60	30/50	50/70	1395	630	970
PS300H-J200M	1.5"	1"	1.65	2.2	80	30/50	50/70	1395	630	970