

Prej • predisposed sub-assembly with pump type 148J



1 pump type 139J, 8 litre tank

Awssj-pt • controlled by pressure switch and with membrane tank



1 pump type 148J, 24 litre tank



1 pump type 148J-SS, 24 litre tank with fixed membrane



1 pump type 148J with VALCOTANKONTROL (Electronic Pressure Control System) and 19 litre tank

Awssj-2spt • with 2 pumps and controlled by electric panel starter with pressure switch and with 2 units of 19 litre tank



Awssn-2spt • with 2 pumps and controlled by electric panel starter with pressure switch and with 2 units of 19 litre tanks with special execution for water suitable for human consumption following EU directive 98/83/CE



Awssnb-2sp • with 2 pumps and controlled by electric panel starter with pressure switch



KIT-A2P • Stainless Steel Kit for easy and rapid assembly of 2 or more Pumps Booster Pressurization Set



Awssj-2tch • with 2 pumps and controlled by 1 VALCO TC-Drive twin-electronic pump controller and with special execution for water suitable for human consumption following EU directive 98/83/CE



Awssjn-2vh • with 2 pumps and controlled by 2 VALCO V-Drive variable speed inverters and with special execution for water suitable for human consumption following EU directive 98/83/CE



Booster construction

Made of 1, 2 or more service electric pumps also version with Jockey Pump, (centrifugal, jet, multistage horizontal and vertical), with controls either electric, electronic or with variable speed inverter (with frequency control with modulation: to make an "Intelligent Pump") with high efficiency and lower power consumption and energy saving to meet EU Classes recommendations and according to Kyoto Protocol, with a wide range of settings, protections also with remote control.

Applications

Drinking Potable water applications. Raising water for general use from varied sources: residential, civil, agricultural and industrial uses; providing sufficient water delivery to meet users' demand and maintaining a sufficient minimum pressure in the system to ensure that the water reaches all points of demand: it enables the system to constantly adapt to your demands. Ideal to make up for insufficient pressure or shortages of water supply from the public water supplier or for water supply from varied sources (tanks, wells, etc.).

They are widely used also in agricultural and industrial applications where variable capacities at a constant pressure are required.

Innovations and Specialties

Special executions built with materials, (i.e. all stainless steel) following EU Directive 98/83/CE referring to waters for human consumption.

We build on demand Special Booster Sets for the most efficient and effective handling of Water Resources, for lower Power Consumption and Energy Saving according to Kyoto Protocol also through the use of Alternative Energy Sources. Water Turbines for the production of Green Energy.

Ranges of Performance:

- Capacity (flow rate) up to 400 m³/h
- Head up to 260 m
- Powers from 0.37 ÷ 22 kW

EFFICIENCY LEVELS FOR THREE PHASE MOTORS to IEC 60034-30 when applicable or required:

- IE1 = Standard Efficiency.
 - IE2 = High Efficiency (comparable to USA EPACT 60Hz).
 - IE3 = Premium Efficiency (comparable to USA "NEMA Premium 60Hz).
- Ecodesign EUP Directive 200532/EC and Commission Regulation EC 640/2009.

Sets Controlled by:

- Electric Panel Starter and Pressure Switch with Tank and 1 - 2 or more Pumps
- TC Drive Twin-Electronic Pump Controller for 1 or 2 Pumps
- Variable Speed Inverter V or T Drive with 1 - 2 or more Pumps