

A-CONTROL AUTOMAT



Automatic booster sets with self-priming cast-iron pump equipped with intelligent control unit HYDRO-TECH with easy switch-on and switch-off pressure adjustment and dry running monitoring, with 24 to 80 l pressure vessel with membrane (bag).

PRESSURE VESSEL:

The pressure vessel is equipped with a replaceable membrane and is designed for pressure equipment, booster sets construction, fire and irrigation systems, but can also be used in closed heating systems up to a maximum temperature of 100°C.

Vessel volume:	24, 35, 50, 80 litres
Vessel membrane material:	EPDM
Operating temperature:	-10 to 100 °C
Flange:	galvanised
Vessel colour:	RAL 5015

PUMP:

Self-priming pump A-JET 750, A-JET 1100, A-JET 1500, with cast iron body, quality diffuser made of technopolymer, stainless steel shaft, brass impeller.

The pumps have built-in thermal protection in the winding of the motor.



Constructional characteristics

- cast iron pump body
- brass impeller
- technopolymer diffuser and venturi tube
- stainless steel shaft
- graphite mechanical seal and ceramic counterflange

Motor

- closed, cooled from the outside
- protection IP44
- single-phase design with permanently built-in capacitor
- thermal protection in the motor winding
- rotation speed 2850 rpm

Usage

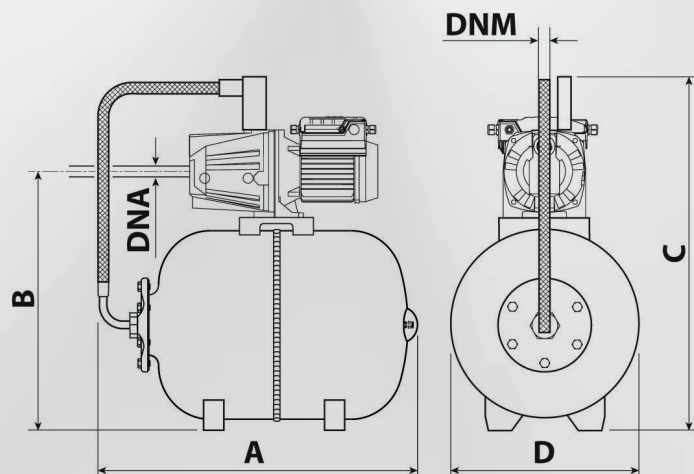
- liquid type: clean water without solid impurities and abrasive material
- max. temperature of pumped liquid 40 °C
- max. recommended suction height with non-return valve 8 m
- max. pressure 10 bar (in case of inlet)

Applications

- small pressure equipment
- domestic booster sets
- irrigation
- dishwashers

Technical parameters

Pump	A-JET 750	A-JET 1100	A-JET 1500
Power supply	230 V/50 Hz		
Motor power	750 W	1100 W	1500 W
Impeller material	brass		
Maximum flow rate (Q max)	3000 l/h	5400 l/h	5700 l/h
Head (H max)	52 m	56 m	60 m
Suction capacity	8 m		
Ingress Protection	IPX4		
Max. liquid temperature	40 °C		
Cable length	1.5 m		
Switch-on/off pressure	2 - 3.5 bar		
Max. working pressure	10 bar		



Pressure vessel volume	24 l	35 l	50 l	80 l
A	560 mm	520 mm	660 mm	800 mm
B	455 mm	525 mm	530 mm	580 mm
C	695 mm	765 mm	770 mm	820 mm
D	280 mm	365 mm	365 mm	410 mm
Weight A-CONTROL 750	24 kg	27 kg	28.5 kg	33.5 kg
Weight A-CONTROL 1100	34.5 kg	37.5 kg	38.5 kg	43.5 kg
Weight A-CONTROL 1500	36 kg	39 kg	40 kg	45 kg
DNA dimension	1"			
DNM dimension	1"			

