

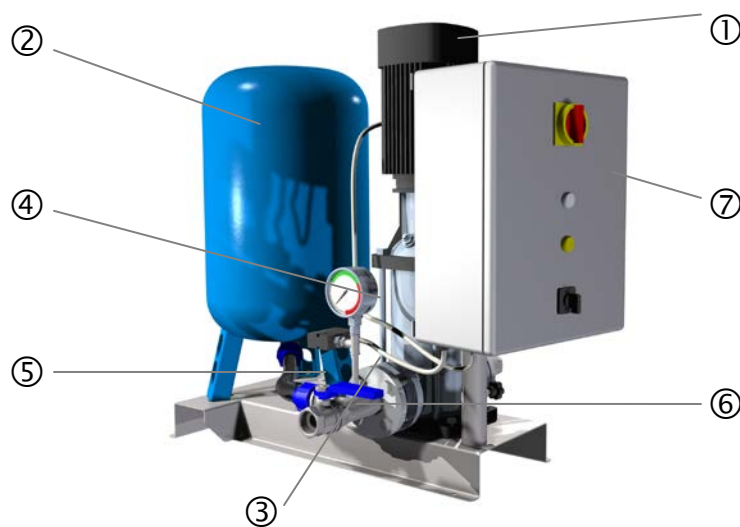


WATER & WASTE WATER PUMPS

AUTOMATIC BOOSTER SETS (ABS)

IDRO Group offers seven different models of **fully assembled** automatic booster sets.

At the heart of the systems are quality pumps from the CR range are known for their reliability, efficiency, easy operation and suitability to aggressive liquids, corrosion resistance and compact, robust design.



1. Pump
2. Diaphragm tank
3. Pressure switch
4. Pressure gauge
5. Discharge pipe
6. Isolating valve
7. Control panel

The booster set cuts in and out by means of the pressure switch. When water is consumed it is tapped from the diaphragm tank, the pressure drops to a preset pump cut-in pressure and the pump starts.

When the water consumption falls the discharge pressure rises. The pump stops when the preset cut-out pressure is reached.

The Automatic Booster Sets in this contract have a special dry running protection on the inlet line. If for some reason there is no water in the inlet line the pump will cut out (or not start up).

TECHNICAL DATA

CODE (quote on order) ►	ABS 40/30 CRN 3-6	ABS 80/30 CRN 5-6	ABS 100/35 CRN 5-8	ABS 300/20 CRN 15-2	ABS 350/30 CRN 15-3	ABS 210/50 CRN 10-8	ABS 120/70 CRN 5-18
Liquid pumped	Water						
Flow rate (litres/min)	40	80	100	300	350	210	120
Dynamic head (m)	30	30	35	20	30	50	70
Pump housing	Stainless Steel						
Impeller	Stainless Steel						
Motor capacity (HP)	0.5-0.75	0.75	1.0	1.5	2.5	3.0	5.0
Rated voltage	1x 220-230/240 V (single phase)			3x 380 – 415 D V (three phase)			
Control panel (optional)	Class F IP 55, corrosion resist. enclosure			Class F IP 55 with corrosion resistant enclosure			
Pump net weight* (kg)	66.4	78.3	79.5	104	120	104	99.6
Pump gross weight* (kg)	72.4	84.3	85.5	110	126	110	105.6
Pump shipping volume* (m ³)	1.32	1.32	1.32	1.32	1.32	1.32	1.32
Recommended Spare Parts	Kit Shaft Seal HQQE (when ordering please also specify pump model)						
	Kit Gasket EPDM (when ordering please also specify pump model)						
	Wear Parts Kit (when ordering please also specify pump model)						
	Coupling Parts Kit (when ordering please also specify pump model)						
	Plug Kit (when ordering please also specify pump model)						

* Weights and volume based on pump only. Shipping dimensions will depend on the packing configurations.

Automatic Booster Set