

# Booster Pumps with Constant Pressure Series BP



Model BP210



Model BP110

## Features:

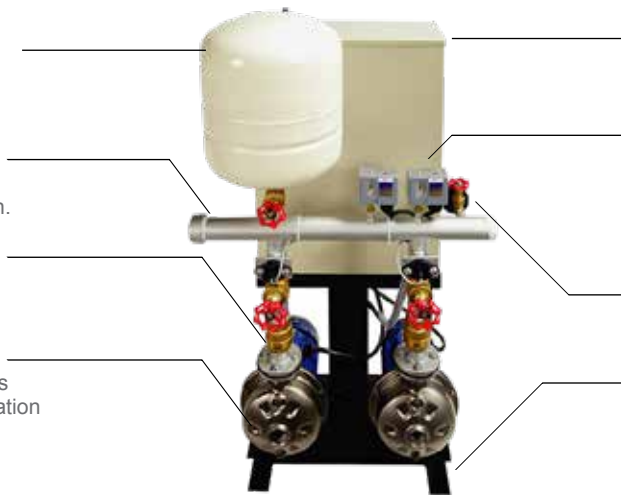
- Long life centrifugal pumps with components constructed in stainless steel AISI 304
- Suitable for pressure boosting, water supply, water treatment and general water pumping including moderate aggressive liquids.
- Pump control panel with pressure or float switch for pump On and Off
- Diaphragm pressure tank for constant pressure
- Check valve with quick closing for reducing water hammer
- Steel base integrating all components as a single unit.
- Factory tested for insured quality
- 1 Year warranty

**Diaphragm pressure tank**  
Uses approved diaphragm

**Discharge pipe**  
Integrated manifold type  
Robust & reliable construction.

**Check valve**  
Quick closing action reduces  
water hammer

**Pump**  
Robust & high grade materials  
provide long life reliable operation



**Controller**  
Uses approved diaphragm  
Controls pumps operation  
from pressure and flow switches

**Automatic Pressure switches**  
Signal cut-in and cut-out of pumps

**Pressure gauge**  
Indicator of water pressure

**Steel base**  
Integrating all components as  
a single unit

## System:

All components are integrated on a rugged steel base. Layout is very compact and much lighter than conventional units.

The control system which prevents frequent start and stop of pumps, requires only small hydro-pneumatic pressure tank and ensures constant fresh water supply.

Pumps are available in parallel operation for high demand and alternating in low demand, suitable for energy saving.

## Specification:

- Pump head material : Stainless steel (SS)
- Thermal overload protection : Permanent split capacitor and automatic protection
- Pump control : Pressure or float switch
- Pressure tank : Diaphragm with nitrogen
- Control panel : Automatic and manual
- Base : Carbon coated steel
- Power : 230V/50Hz, 380V/ 60Hz

## Ordering information

Part number	Pump			Capacity (m <sup>3</sup> /hour)	Max pressure		Tank capacity (Litre)	Inlet/Outlet (Inch)
	Quantity	Power (hp)	Power (kW)		Bar	psi		
AF-BP105	1	0.5	0.37	2	3	42	24	1
AF-BP110	1	1	0.75	4	4	56	24	1
AF-BP115	1	1.5	1.1	6	5	70	100	1
AF-BP120	1	2	1.5	8	5.5	77	100	1
AF-BP130	1	3	2.2	10	6	84	200	2
AF-BP140	1	4	3.0	20	6.5	91	200	2
AF-BP155	1	5.5	4.1	40	7.5	105	300	3
AF-BP175	1	7.5	5.6	60	8	112	300	4
AF-BP205	2	0.5	0.37	4	3	42	24	1
AF-BP210	2	1	0.75	8	4	56	24	1
AF-BP215	2	1.5	1.1	12	5	70	100	1
AF-BP220	2	2	1.5	16	5.5	77	100	1
AF-BP230	2	3	2.2	20	6	84	200	2
AF-BP240	2	4	3.0	40	6.5	91	200	2
AF-BP255	2	5.5	4.1	80	7.5	105	300	3
AF-BP275	2	7.5	5.6	120	8	112	300	4

### Acropore Technology Co.,Ltd.

Head Office: 8 Thaiyanon 12, Nonthaburi 46 Rd., Muang, Nonthaburi TEL: 02950-2121-2, FAX: +66 2950-2120  
Khonkan Office: 157/18-19, Mitraphab Rd., Muang, Khonkan TEL: 043-042582, FAX: 043-042581  
Surathani Office: 189/1, Tambol Watpradoo, Muang, Surathani TEL: 092 4146929, 02950-2121-2, FAX: 02950-2120  
Email: sales.th@acropore.com

### Allfyll Vietnam Co., Ltd.

HCMC Office: 161 Vo Van Tan street, Ward 6, District 3, HCMC TEL: +84-8-3933 3599, FAX: +84-8-3930 9610  
Ha Noi Office: 160 Tay Son, Dong Da District, Hanoi TEL: +84-4-3533 5759, Fax: +84-4-3533 5760  
Email: sales.vn@allfyll.com

### Allfyll (Myanmar) Co., Ltd.

Yangon Office: 141, West Race Course Rd., Kyaik Ka San Ward, Bahan Township, Yangon TEL: +95-1-557539, FAX: +95-1-557-539  
Email: sales.mm@allfyll.com

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www.acropore.com

