

# CBV Pressure Booster

## Variable Speed Compact Pressure Booster

- **Dry Run Protection**
- **Short Circuit and Overcurrent Protection**
- **Low Noise, 60db or Less**
- **Anti-Ice Restart System**
- **Continuous Duty**
- **Pressure up to 5.2 Bar**
- **Flow Rates up to 100 Litres/min**
- **24l Pressure Vessel**
- **Soft start and low power consumption**

CBV series pressure booster sets are a compact, quiet and reliable solution for domestic and light commercial pressure boosting.

The pump varies it's speed to maintain the desired pressure with low noise and power consumption.

Includes automatic dry run protection with periodic restarts, anti blocking system as standard.

Compact inverter with internal current and pressure sensors, LCD status/pressure display hour and start counter, alarm/fault logging and BMS output.

Anti Ice System detects temperatures below 5 °C and performs periodic starts to avoid freezing.

Large 24L pressure vessel increases efficiency and prolongs pump life.



CBV5041PRO

Short circuit and overcurrent protection between output phases.

Two booster sets can be connected together for increased flow and will operate as duty assist/standby with alternation.

Quiet, water cooled pumps are self-cooling without the need for fans or ventilation. Suitable for installation in confined spaces.

Built-in LCD pressure display.

Supplied with 10m mains cable. Longer lengths are available.

CODE	PUMP	PERFORMANCE		POWER	
		MAX PRESSURE bar	MAX FLOW L/min	VOLTAGE	CURRENT
CBV5041P	X-JE80P	4.1	50	~1 230	4.5
CBV5051P	X-JE120P	5.1	50	~1 230	6.3
CBV5041B	X-JE80B	4.1	50	~1 230	4.5
CBV5051B	X-JE120B	5.1	50	~1 230	6.3
CBV5041PRO	X-JE80PRO	4.1	50	~1 230	4.5
CBV5051PRO	X-JE120PRO	5.1	50	~1 230	6.3
CBV9031B	X-MO80B	3.1	90	~1 230	5.1
CBV9052B	X-MO120B	5.2	90	~1 230	7.5
CBV9031PRO	X-MO80PRO	3.1	90	~1 230	5.1
CBV9052PRO	X-MO120PRO	5.2	90	~1 230	7.5
CBV10021B	X-MN80B	2.1	100	~1 230	4.8
CBV10021PRO	X-MN80PRO	2.1	100	~1 230	4.8

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Electrical Insulation	Class F
Ingress Protection	IP65
Max Immersion Depth	5 metres
<b>Ambient Temperature (celsius)</b>	
Minimum	2
Maximum	45
<b>Pumped Water Temperature (celsius)</b>	
Minimum	2
Maximum	37
Pumped Fluids	Clean Water
Inlet	1" FBSP
Outlet	1.25" FBSP
Duty	Continuous

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