

# CBEPKM200 High Pressure Booster

## Fixed Speed Compact Electronic Pressure Booster

- **With Digital Start/Stop Pressure Control**
- **LED Display Shows System Pressure & Pump Status**
- **Electronic Dry Run Protection**
- **Float Switch Input For Additional Dry Run Prevention**
- **Discharged Pressure Vessel Alert**
- **Thermal Protection**
- **Continuous Duty**
- **Pressure up to 8 Bar**
- **Flow Rates up to 80 Litres/min**
- **24l Pressure Vessel**
- **Single Phase 230VAC**

CBEPKM200 is a compact, powerful solution for domestic and light commercial pressure boosting, particularly suited to installations with undersized existing pipework.

This PKm200 air-cooled peripheral pump is pre-set to run up to 8 bar pressure (the typical maximum rating of most MDPE pipe) and is well suited to installations where high friction losses from existing pipework would otherwise result in insufficient flow, and so increased pressure is required to maximise the flow rate.

An advanced electronic controller manages both the start and stop pressure of the pump as well as monitoring the motor current and state of the pressure vessel, resulting in greater efficiency, reduced temperatures and minimal maintenance when compared to a standard pressure switch. It is also possible to adjust the start and stop pressures to suit the installation.

System pressure and status is continuously displayed on a highly visible 7-segment LED display, as well as any fault or alerts notifications.



Failure or discharged status of the pressure vessel is immediately detected and the pump shut down to prevent damage. Dry run protection is by pressure loss and CosPhi monitoring, and dry running can be further prevented by the optional use of a float switch.

Overcurrent detection prevents excess damage in the event of a blockage of the impeller or seizure of the pump motor.

This air-cooled pump needs adequate ventilation and should be installed in a sheltered location away from adverse weather.

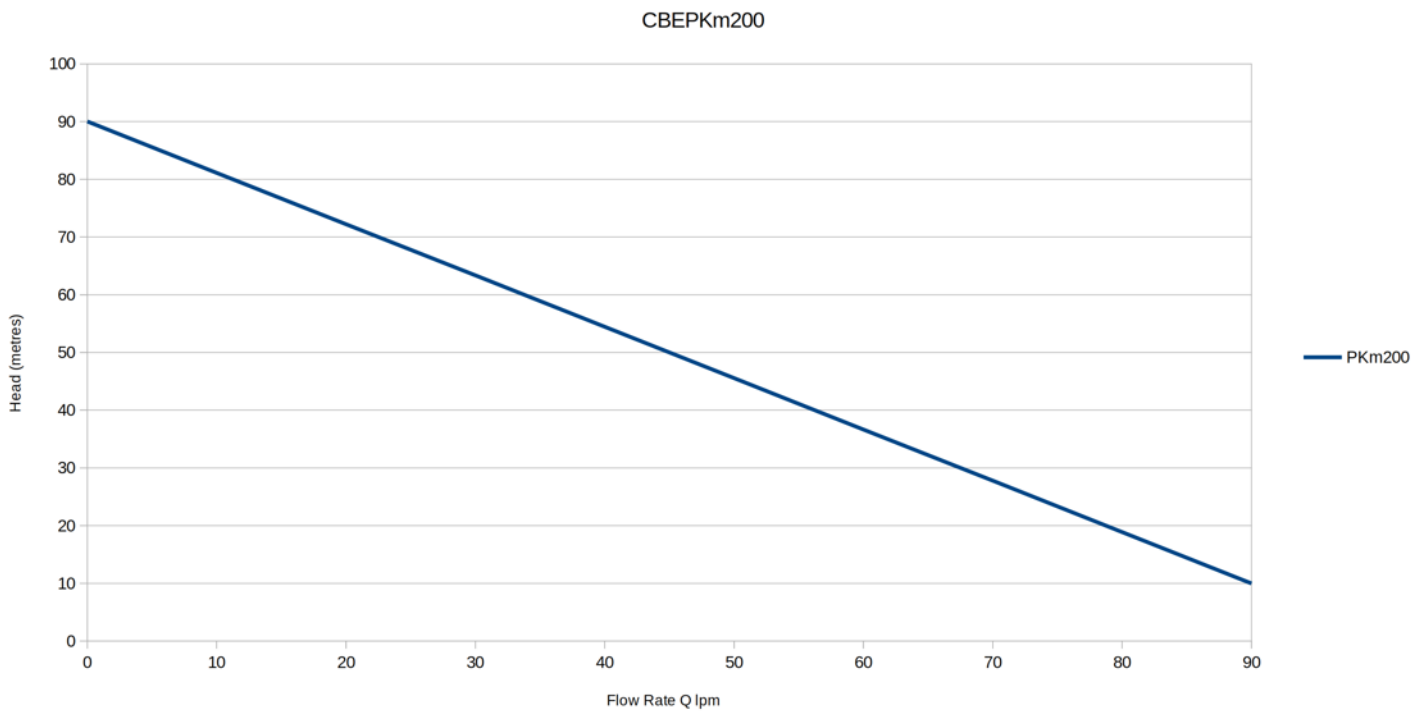
Supplied with 3m mains cable. Longer lengths are available.

CODE	PUMP	PERFORMANCE		POWER	
		MAX PRESSURE bar	MAX FLOW L/min	VOLTAGE	CURRENT
CBEPKM200	Pedrollo PKm200	9	80	~1 230	11.5

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Electrical Insulation	Class F
Max Immersion Depth	None
Ambient Temperature (celsius)	+2 to +40
Pumped Water Temperature (celsius)	+2 to +60
Pumped Fluids	Clean Water
Inlet	1" FBSP
Outlet	1" FBSP
Duty	Continuous



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