

## Alarm Valve Booster Pump

Sale Engineering Products manufacture a range of alarm valve booster pumps for sprinkler systems that run off the mains pressure. This compact unit boosts the town's main pressure and is fully automatic controlling pressure fluctuations, hence preventing the trip of the alarm valve.

- Complies with LPC guidelines
- All materials supplied comply with the (PED) 97/23/EC regulations
- Pressure tested prior to despatch



### Technical Specification:

- Inlet valve
- Bleed nipple
- Test valve
- Outlet valve
- 4mm flow restrictor (outlet)
- Check valve
- 2 mm flow restrictor (test line)
- Pump motor (producing 101 / min @ 3 bar)
- Starter, overload & on delay timer
- 1381v pressure switch
- No loss connector
- 0 – 16 Bar glycerine gauge
- Unistrut – direct wall mounting (4 x M10)
- 8 Litre accumulator

The alarm valve booster pump is fitted with an 8-litre accumulator. This has been designed to prolong the life of the pump, by eliminating unnecessary motor stop / starts, and allowing the pump an extended run, when the cut in pressure is achieved.

Model	Volts	Phase	Motor		Pressure	
			HP	KW	Bar	PSI
AVBP/S.AC/4BAR	240	1	0.5	0.37	4	58
AVBP/T.AC/4BAR	415	3	0.5	0.37	4	58
AVBP/S.AC/9BAR	240	1	0.5	0.37	8	116
AVBP/T.AC/9BAR	415	3	0.5	0.37	8	116

AVBP/4BAR will produce 4 BAR on top of the town's mains pressure  
 AVBP/9BAR will produce 9 BAR on top of the town's mains pressure

To determine the size of pump required, add 4 or 9 to the minimum mains pressure.  
 Both pumps are limited to a maximum of 10 BAR working pressure