

## Product Description

UniBreak is a cost-effective combined break tank and end suction booster pump system designed for category 5 applications.

The set is a free-standing, quiet-running unit with integrated electronic pressure controller mounted on top of the tank. The tank is constructed from 25mm insulated GRP with a Cat 5 'AB' air gap and ½" equilibrium inlet float valve. The unit also features low level protection and a common fault volt-free contact..

### APPLICATIONS

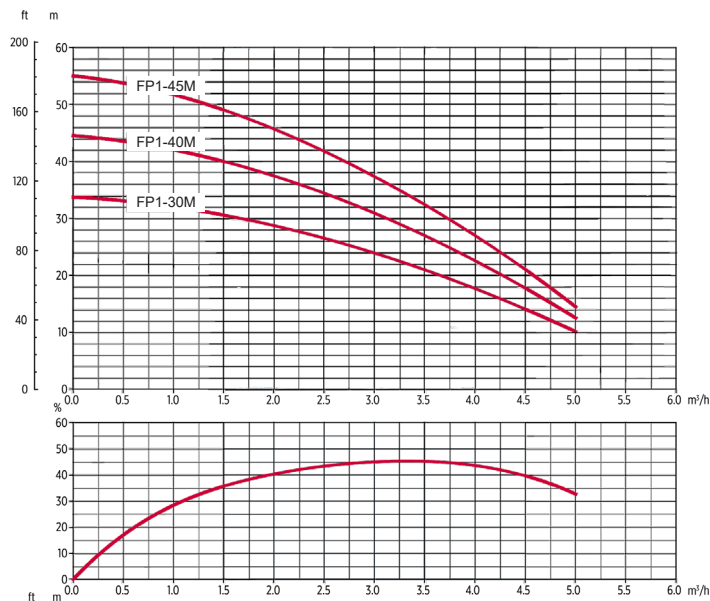
- Bin store wash down
- Dental rinsing equipment
- Laboratory water supplies
- Single hosepipe supplies
- Any application where category 5 backflow protection is required

### STANDARD TECHNICAL FEATURES

- 100 litre nominal capacity
- MA15 controller
- WRAS approved stainless steel end suction booster pump
- Common fault volt-free contact
- Electronic pressure controller
- IP55 rated
- GRP insulated tank
- Low level protection
- Cat 5 AB air gap

### PUMP CURVE

Characteristic curve and performance data  
50Hz n=2900 1/min HS=0m:



## PRODUCT DATA SHEET

### UNIBREAK



### SPECIFICATION

Flow range	0.14 - 1.25 litres/second
Discharge head range	10 - 50 metres
Maximum system pressure	10 Bar
Tank capacity (nominal)	100 litres
Power supply	230/1/50
IP rating	IP55
Inlet connection	½" BSP
Outlet connection	1" BSP
Tank construction	GRP 25mm insulated
Dimensions	770mm (L) x 460mm (W) x 810mm (H)

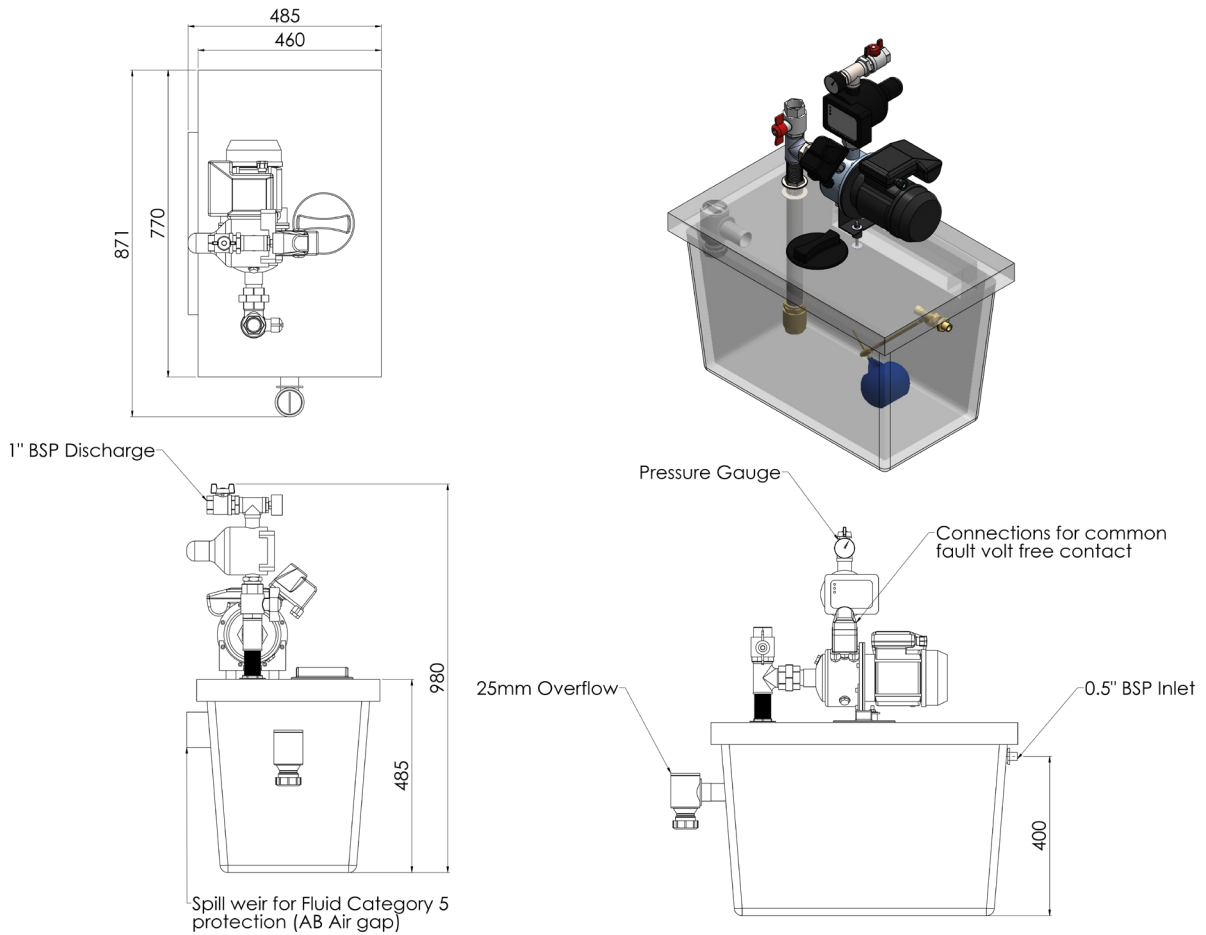
**PLEASE NOTE:** Not suitable for systems with static head over 15 metres.

**Dry weight: 65kg**

MODEL NO.	MAX FLOW RATE (L/S)	MAX HEAD (M)	MOTOR POWER (KW)	FULL LOAD CURRENT (A)
FP1-30M	1.25	33.5	0.45	3
FP1-40M	1.25	44.5	0.55	3.5
FP1-45M	1.25	55	0.75	4.67

**PRODUCT DATA SHEET**  
**UNIBREAK**

**DIMENSIONAL DRAWING**



**PRODUCT OVERVIEW**

