

# FLUID CONTROL BOOSTER SET



Optional Anti Vibration Pump stand



Optional Flexible connections

## DESCRIPTION

Single pump booster set designed to be supplied from a water storage tank and to provide between 0.3 to 1.6 l/s @ pressures of 1 - 5.5 BAR

## APPLICATIONS

The supply of cold water to bib taps, hoses, irrigation etc. All types of applications that have a start / stop demand.

## WATER SUPPLY

The stored water should be clean and free from any foreign materials. There should be nothing suspended or dissolved to block or wear the pump internal components.

## EXCLUSIONS

Applications that have ciston valves (ie toilets) or expansion vessels fitted.

## PUMP

- Non self priming horizontal construction.
- All parts in contact with fluid are stainless steel.
- Single phase 230V 50 Hz motors upto and including 1.1 Kw.

## LOCATION

The unit should be installed in a dry well ventilated position, protected from extremes of heat and cold.

The set is equipped with a 2.5m long connecting cable to be fitted with a suitable plug or wired into a fused isolator. A suitable fused supply should be used. All equipment should be earthed. This is a single phase unit.

## OPERATION

The Fluid Controller (F.C.) is designed to start the pump when the system pressure falls, upon start up the unit continues to pump until the demand stops at which point the pump is stopped. Should there be a lack of water the internal float switch will disable the pump, if this happens check for adequate water supply to the pump, press and hold the red button until the system has re-pressurised.

The F.C. has three indicator lamps:

Green: Mains power on, pump ready to run

Yellow: Pump Run

Red: Fault lamp press reset

The Fluid Control allows automatic operation of the pump without the use of a separate pressure vessel.

### Technical Information

	Model No.	Suction	Discharge	Kw	Amps	Closed Valve Pressure	Voltage	Weight (Kg)
A	MHi FC1 - 202	1"	1"	0.55	4.0	2.2 Bar	240 V	9.8
B	MHi FC2 - 203	1"	1"	0.55	4.0	3.2 Bar	240 V	9.8
C	MHi FC2 - 204	1"	1"	0.55	4.0	4.5 Bar	240 V	10.6
D	MHi FC2 - 205	1"	1"	0.75	5.1	5.7 Bar	240 V	12.2
E	MHi FC2 - 206	1"	1"	1.1	7.2	6.9 Bar	240 V	15.7
F	MHi FC1 - 402	1 1/4"	1"	0.55	4	2.2 Bar	240 V	9.8
G	MHi FC2 - 403	1 1/4"	1"	0.55	4	3.4 Bar	240 V	9.8
H	MHi FC2 - 404	1 1/4"	1"	0.75	5.1	4.5 Bar	240 V	12.2
I	MHi FC2 - 405	1 1/4"	1"	1.1	7.2	5.8 Bar	240 V	15.2



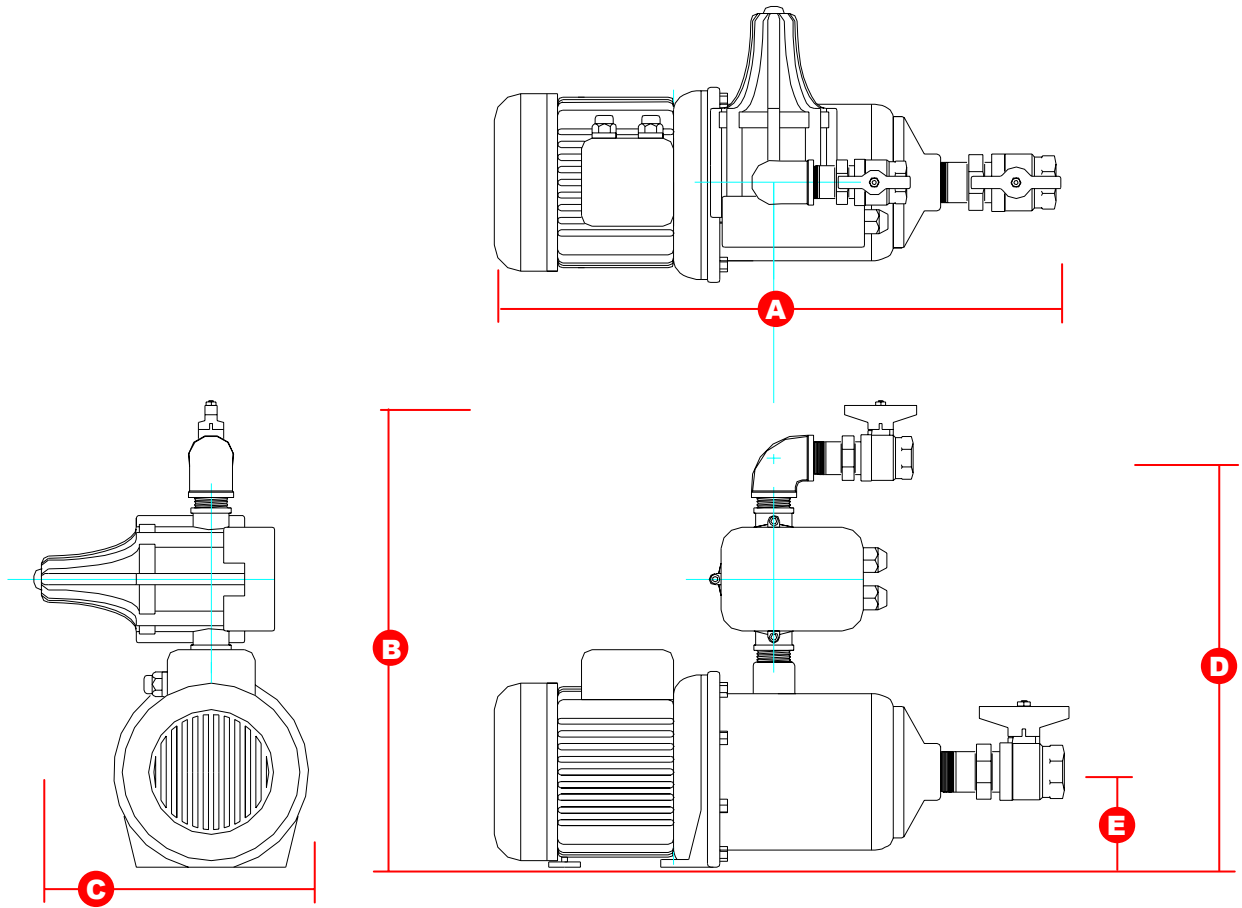
Abbey House, Charter Street, Leicester. LE13UD

Tel: 0116 242 5425. Fax: 0116 242 5555

Email: sales@flowmech.co.uk www.flowmech.co.uk

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DIMENSIONS (mm)						
	Model No.	A	B	C	D	E
<b>A</b>	MHi FC1 - 202	487	424	260	369	90
<b>B</b>	MHi FC2 - 203	487	424	260	369	90
<b>C</b>	MHi FC2 - 204	535	424	260	369	90
<b>D</b>	MHi FC2 - 205	535	424	260	369	90
<b>E</b>	MHi FC2 - 206	584	424	260	369	90
<b>F</b>	MHi FC1 - 402	487	424	260	369	90
<b>G</b>	MHi FC2 - 403	487	424	260	369	90
<b>H</b>	MHi FC2 - 404	535	424	260	369	90
<b>I</b>	MHi FC2 - 405	560	424	260	369	90



AbbeyHouse, CharterStreet, Leicester. LE13UD  
 Tel: 0116 242 5425. Fax: 0116 242 5555  
 Email: sales@flowmech.co.uk www.flowmech.co.uk