

# Fistreem MultiPure RO

## Reverse Osmosis / DI Pure Water System



- | *Combines reverse osmosis, filtration and ion exchange for great economy and high purity*
- | *Convenient and compact system incorporates integral reservoir – no external storage reservoir required*
- | *Smart display panel indicates water purity, alarms and system status*
- | *Boost pump option available for low water pressure installations*
- | *Multiple dispense options*



Combining reverse osmosis and ion exchange technologies this smart water purification system provides a high quality and economically produced purified water for many laboratory tasks.

### High purity water

Offered in three volume outputs to suit most laboratory daily needs the Fistreem MultiPure RO Water System has the advantage of removing the majority of feed water impurities from potable ( drinking ) water by reverse osmosis prior to a final purification process by high quality ion exchange resins. In addition a carbon pre-filter protects the RO membrane from potentially harmful feedwater impurities.

### High output, convenient storage and dispense

Nominal production rates of 6 ,12 & 24 litre per hour \* are offered. An integral Reservoir Tank maintains a nominal volume of 20 lts which is constantly replenished . A fast flow dispensing tap is ideal for routine lab requirements. In addition a second gravity outlet allows the unit to have a permanent feed connection to external equipment.

The long life reverse osmosis membrane ensures the feedwater to the deionising cartridge is free of most impurities so providing a high volume output from the DI cartridge with high economy. On exhaustion the disposable cartridge packs are very easily replaced.

### Smart display panel

Water purity is constantly monitored and displayed on a smart easy to read meter. A visual indicator and alarm alerts the user to the need to replace the deioniser cartridge pack.

### Boost pump option

For users with low feedwater pressure the boost pump option is essential. The pump is positioned internally within the cabinet. This variant must be specified when feedwater pressure is below 2 bar ( 30 p.s.i. )

\* based on feedwater @ 25C 60 p.s.i.



Units are suitable for bench mounting. An optional wall mounting bracket is available which should be specified separately. Supplied complete with connection hoses, pre-filter, RO membrane and deioniser cartridge. For use only on potable ( drinking ) water supplies.

## Specifications and ordering information

Catalogue No	Model No	
<b>Mains tap feed &gt; 2 bar</b>	<b>Tap feed models</b>	Nominal Output *
WDM120.ROM.9	MultiPure RO 6/60	6 lt/hr
WDM140.ROM.9	MultiPure RO 12/60	12 lt/hr
WDM180.ROM.9	MultiPure RO 24/60	24 lt/hr
<b>Mains tap feed &lt; 2 bar</b>	<b>Boost pump models</b>	
WDM120.ROB.5	MultiPure RO 6/60	6 lt/hr
WDM140ROB.5	MultiPure RO 12/60	12 lt/hr
WDM180.ROB.5	MultiPure RO 24/60	24 lt/hr
	All units are supplied complete with membrane and filters	* based on feedwater at 25C 60 psi
WDM750.WMB.9	<b>Optional Wall Mounting Bracket</b> (All models )	
<b>Consumables</b>		
WDM610.PTJ.9	Carbon pre-filter pack ( All models )	One pack required
WDM630.PCJ.9	Deioniser cartridge pack ( All models )	One pack required
WDM650.ROA.9	RO membrane for model WDM120	One required
WDM660.ROB.9	RO membrane for model WDM140	One required
WDM670.ROC.9	RO membrane for model WDM180	Two required
<b>Specifications</b>		
Dimensions (mm) w x d x h	All models	408 x 548 x 630
Weight operational	Tap Feed models	39 kgs
	Boost Pump Models	41 kgs
Weight shipping	Tap Feed models	19 kgs
	Boost Pump Models	21 kgs
Purity range	All models	1.0 > 0.1 uS/cm ( 1.0 > 10 megohm/cm )
Power	All models	100 – 230V 50/60 Hz

Monarch Way  
Belton Park  
Loughborough  
LE11 5XG UK

Tel : +44 (0) 1509 224613 / 224615 Fax : +44 (0) 1509 260210

Email : sales@fistreem.co.uk

www.fistreeminternational .com



**Fistreem International Ltd**