

select hp - env

compact water purification system, designed to guarantee a consistent supply of high quality pure water



- Guaranteed > 10MΩ.cm water quality
- Compact, reliable bench top, under bench or wall mounted system
- Utilises Carbon Pre-Treatment, RO, DI, Recirculation, UMF, UV (optional) technology for consistent guaranteed > 10MΩ.cm water quality
- Choice of production rates and storage options
- Remote dispense pod (optional)
- Dispense rate of up to 2 litres per minute
- RO recovery rate >50% for reduced waste costs
- Energy saving stand-by mode

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description

The Select HP is a compact unit designed to produce a consistent supply of > 10MΩ.cm water for HPLC, ion chromatography, atomic absorption, hydrogen generation, and clinical analyser feed.

technical specification

	HP		50 L Tank	100 L Tank
	40 / 80 / 160	320		
Width (mm)	440	440	430	430
Depth (mm)	560	560	570	570
Height (mm)	750	750	670	750
Max shipping weight (kg)	36	41	-	-
Max working weight (kg)	51	59	-	-
Installation requirements				
Power	100-230V 50-60 Hz	100-230V 50-60 Hz	-	-
Feed water	Potable	Potable	-	-
Maximum TDS (ppm)	1000	1000	-	-
Minimum inlet pressure – psi (bar)	30 (2.1)	30 (2.1)	-	-
Maximum inlet pressure – psi (bar)	90 (6.2)	90 (6.2)	-	-
Feed water temperature	1-35°C	1-35°C	-	-

contact

SUEZ Water Purification Systems UK

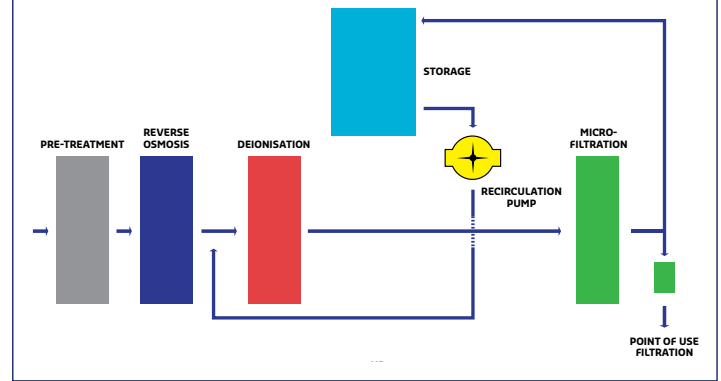
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Select HP process flow



Product Outputs*	Unit Size			
	40	80	160	320
@ 10°C (l/hr)	3.6	7.2	14.4	30
@ 25°C (l/hr)	6	12	24	48

*Product outputs based on a feed water pressure of 4 bar

Treated Water Quality Specification	HP
Inorganics	>10MΩ.cm
pH ¹	Neutral
Bacteria	<1cfu/ml
Organics – TOC (ppb)	<20
Particles	<0.1µm
Endotoxins	-
DNases	-
RNases	-

¹ pH of stored water may decrease due to absorption of free carbon dioxide

Technical Specification	HP
RO recovery rate	> 50%
Pure water storage	20 litre Integral tank (External 50 and 100 litre tank options)
Display panel	LCD – Colour touch screen
Pre-treatment cartridge	✓
Reverse osmosis	✓
Deionisation cartridge	✓
Internal filtration	0.1µm
Point of use	0.2µm
UV lamp	✓*
Recirculation pump	✓

*External tank version only

