

# Purite Integra HP120-IT/GP

Compact, centralised water purification and distribution unit



The Purite Integra HP120-IT/GP is a compact water purification and distribution unit. Fully integrated, it incorporates reverse osmosis and ultra violet radiation technology, with storage and a distribution pump. It is also available with optional carbon dioxide, membrane degassing and bacterial filtration technology.

## Additional features

- Produces 120 or 190 l/hr (requires softened feed)
- Option of Integral 50 litre or external 300 litre purified water storage tank
- Optional carbon dioxide membrane degasser to enhance deioniser capacity
- Range of polishing deioniser options to meet all purity requirements and standards
- Full colour LCD touch screen display for ease of operation
- Low energy recirculation pump to conserve energy during periods of low demand
- Cat5 compliant break tank to comply with water regulations
- Optional manual by-pass to provide continuity of service in an emergency.

# Purite Integra HP120-IT/GP

Centralised water purification and distribution

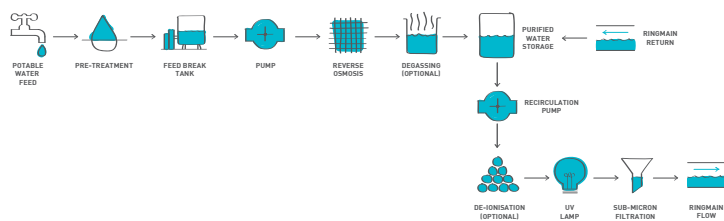
## Purite Integra HP120-IT/GP Features

Our Purite Integra HP systems are ideal for laboratories requiring greater daily volumes of purified water with several points of use.

The Purite Integra HP systems deliver laboratory grade RO water, Deionised water, or UPW produced at 120 to 190 litres per hour (at 10 deg°C).



## Purite Integra HP120-IT/GP Process Flow



## Technical Specifications

Unit Specification	HP IT	HP GP*
Width (mm)	890	1110
Depth (mm)	500	604
Height (mm)	840	1842
Max shipping weight (kg)	95	134
Max working weight (kg)	140	467

\* Complete with plinth and 300 litre tank

Installation requirements		
Power	Single Phase, 230V, +/- 10%, 50 Hz***	
Feedwater	Potable	Softened
Maximum TDS (ppm)	1000	
Minimum inlet pressure - psi (bar)	30 (2.1)	
Maximum inlet pressure - psi (bar)	90 (6.2)	
Feedwater temperature	1-30°C	
Flowrate	400l/hr (min)	
Free chlorine	Must be dechlorinated	

System Specification		
Pure water storage	50 litre	300 litre
Display panel	LCD – Colour touch screen	
Pre-treatment	5µm pre-filter	
Reverse osmosis	Low energy membranes	
Deionisation	Various cylinder options	
Micro filtration	Optional 0.2µm	
UV lamp	254nm	
Purified water make-up flow-rate @ 10°C	120 or 190 l/hr	
Purified water distribution	Up to 270 l/hr and a max of 3 bar	
Carbon dioxide degassing	Optional	

Treated Water Specification	
Conductivity	< 30µs/cm to 18.2MΩ-cm**
Bacteria	< 1cfu/ml*
Organics – TOC (ppb)	< 30ppb
Particles	< 0.2µm*
Endotoxins	-

\* With optional 0.2µm bacterial filter

\*\* With optional deionisation cylinder

\*\*\* 110v 60Hz available as an option



Veolia Water Purification Systems Ltd trading as Purite

Bandet Way Thame Oxfordshire OX9 3SJ United Kingdom

T +44(0)1844 217141

E vtc.vwts.puritemail.all@veolia.com

W purite.com