



DUTYPOINT.COM

# QUANTUM PRESSURISATION UNITS



# Quantum Range


**The Quantum range of pressurisation units features the latest innovations in sealed system maintenance.**


## **PRODUCT OVERVIEW**

- Intelligent control system with LCD display
- System leak detection
- System fill mode
- BMS integration

# Key Features



 **QUICK DELIVERY**

 **BMS CONNECTABLE**

# Specification

With intelligent microprocessor control, full BMS integration capabilities and a choice of units to suit the installation, the Quantum range provides for the needs of any system.

## STANDARD TECHNICAL FEATURES

- Floor-mounted steel enclosure
- Pump inlet strainer
- Pump non-return valve
- WRAS-approved float valve
- AB air gap (BS 13077 compliant)
- Pressure transducer control
- Intelligent control system with LCD display
- System fill mode
- System leak detection
- Adjustable differential pressure setting
- Volt-free contacts

## QUANTUM TWIN SYSTEM

The Quantum twin-system model is capable of managing two independent heating and chilled water systems. It features the same advanced feature set as the Quantum with intelligent control and BMS integration.

## OPTIONS

- Two pump duty/standby configuration on QP-35 and above
- High water alarm
- Wall mounting kit
- Choice of expansion vessels

## PERFORMANCE

Pumps	Horizontal peripheral pumps with cast iron volute and brass impeller
Tank	18-litre polyethylene water tank with 22 mm overflow and AB air gap
Valves	WRAS-approved equilibrium ball float valve
Non-return valve	Spring loaded, brass
Pipework	½" brass and braided flexible hoses, ¼" brass and nylon tubing
Power supply	230/1/50
Volt-free contact	Max 5 A at 230 V AC

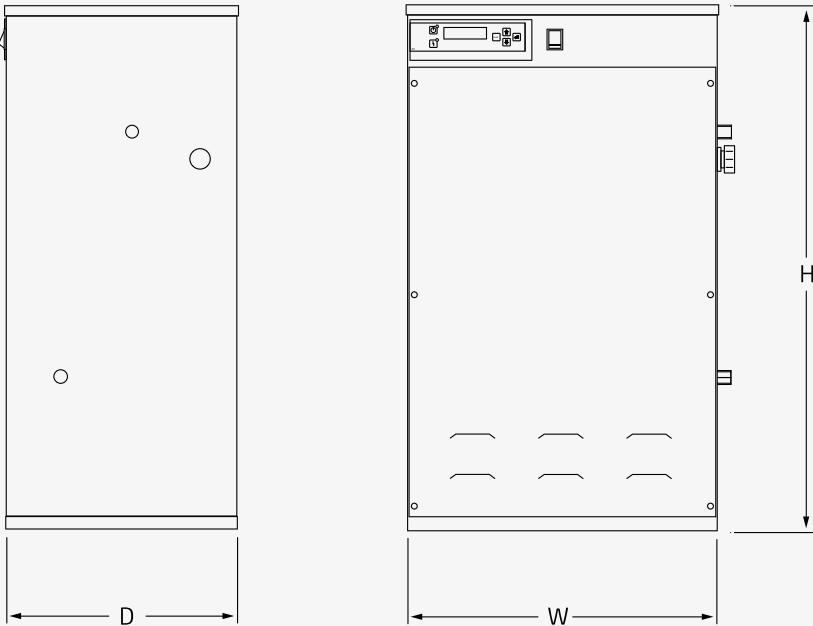


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**01452 300110**

# Quantum Pressurisation Units

DRAWINGS AND DIMENSIONS

Model no.	Motor power (kW)	Max cold fill pressure (bar)	Full load current (A)	Number of pumps	Inlet size (inches)	Outlet size (inches)	PN rating (bar)	Weight (kg)	Dimensions (mm)		
									W	D	H
Quantum pressurisation unit											
Q-35	0.37	3.5	2.5	1	½"	½"	10	24	530	360	785
QHP-60	0.55	6	3.1	1	½"	½"	10	29	530	360	785
QHP-80	0.75	8	5.6	1	½"	½"	10	32	530	360	785
QP-35	0.37	3.5	2.5	2	½"	½"	10	29	530	360	785
QPHP-60	0.55	6	3.1	2	½"	½"	10	39	530	360	785
QPHP-80	0.75	8	5.6	2	½"	½"	10	45	530	360	785
Quantum twin system – dual system pressurisation unit											
QTS-35	0.37	3.5	5	1	½"	½" x 2	10	31	530	360	785
QTSHP-60	0.55	6	6.2	1	½"	½" x 2	10	41	530	360	785
QTSHP-80	0.75	8	11.2	1	½"	½"	10	47	530	360	785





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**Let's talk about  
Quantum pressurisation units**

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