



DUTYPOINT.COM

QUANTUM PRESSURISATION UNITS



Quantum

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

PRODUCT OVERVIEW

- For system volumes up to 300,000 litres
- MODBUS RTU communication protocol
- Flood protection (pump runtime limiter, excessive start alarm)
- On-screen service reminders

Key Features

FULL BMS INTEGRATION FOR STRAIGHTFORWARD SYSTEM MANAGEMENT

SUITABLE FOR SYSTEM VOLUMES OF UP TO 300,000 LITRES



DUAL SYSTEM MODEL AVAILABLE TO MANAGE BOTH HEATING AND COOLING SYSTEMS

SUITABLE FOR COMMERCIAL, INDUSTRIAL AND RESIDENTIAL APPLICATIONS

Specification

The Dutypoint Quantum range boasts compact and totally enclosed digital pressurisation units with an electronic pressure transducer and user-friendly microprocessor for use on the sealed system in order to provide a minimum system pressure requirement.

STANDARD TECHNICAL FEATURES

- Available in single or twin pump configurations
- Floor-standing steel cabinet
- For system volumes up to 300,000 litres.
- System fill mode
- On-screen service reminders
- MODBUS RTU communication protocol
- Flood protection (pump runtime limiter, excessive start alarm)
- Event logging
- Volt-free contacts
- Commercial, industrial and residential applications

QUANTUM TWIN SYSTEM

The quantum twin-system model is capable of managing two independent heating and chilled water systems, ideal where space restrictions make it beneficial to locate two systems in a single enclosure. The system combines two high flow rate (<18 l/min) top-up pressurisation units and two controllers with a single 18 litre break tank.

PERFORMANCE

Pumps	Single and Twin pump options available
Tank	18 litre break tank.
Valves	WRAS approved float valve
Pipework	Braided flexhose/EPDM/copper
Power supply	230/1/50



CALL US TO DISCUSS YOUR REQUIREMENTS! FURTHER OPTIONS AVAILABLE
01452 300110



QUICK DELIVERY



BMS CONNECTABLE



BURST PIPE TECHNOLOGY

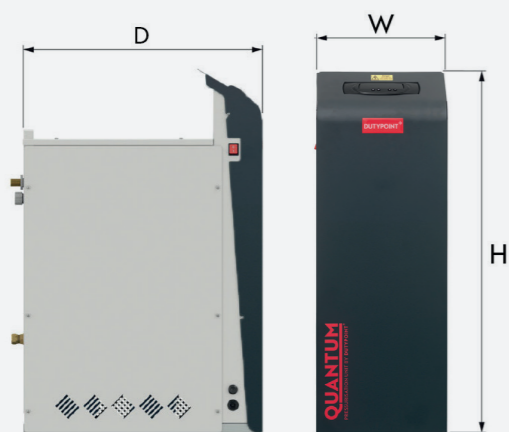
Quantum Pressurisation Units

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 single system pressurisation unit												
Q-30F	0.37	3	2.6	1	½"	½"	PN10	29	325	609	915	
QHP-60F	0.5	6	3.4	1	½"	½"	PN10	31	325	609	915	
QHP-80F	0.75	8	5.6	1	½"	½"	PN10	34	325	609	915	
QP-30F	2 x 0.37	3	5.2	2	½"	½"	PN10	35	325	609	915	
QPHP-60F	2 x 0.5	6	6.8	2	½"	½"	PN10	39	325	609	915	
QPHP-80F	2 x 0.75	8	11.2	2	½"	½"	PN10	45	325	609	915	
Quantum twin system – dual system pressurisation unit												
QTS-30F	2 x 0.37	3	2 x 2.6	2*	½"	2 x ½"	PN10	29	480	330	760	
QTSHP-60F	2 x 0.5	6	2 x 3.4	2*	½"	2 x ½"	PN10	31	480	330	760	
QTSHP-80F	4 x 0.5	6	2 x 3.4	4**	½"	2 x ½"	PN10	39	480	330	760	

*1 pump for each system. **2 pumps for each system.

QUANTUM SINGLE PRESSURISATION UNIT



QUANTUM TWIN PRESSURISATION UNIT



All good things come in threes, like this trio

Working hand-in-hand to optimum pressure to your hot and cold water pumping needs



To discuss 'the perfect trio', call us now on **01452 300110** or email enquiries@dutypoint.com



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

01452 300110

ENQUIRIES@DUTYPOINT.COM

DUTYPOINT.COM