



DUTYPOINT.COM

# QUANTUM PRESSURISATION UNITS



# Quantum Range

**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



QUICK DELIVERY



BMS CONNECTABLE

# 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

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



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

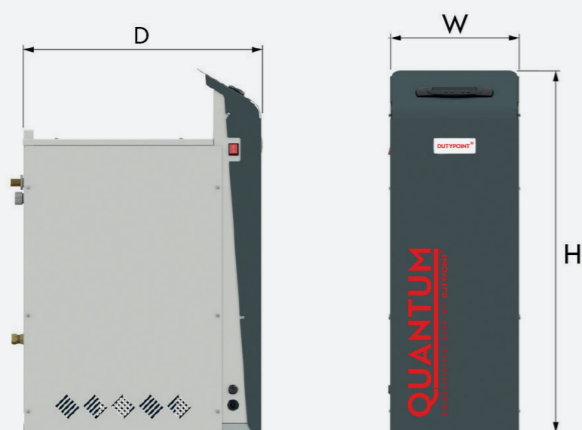
# Quantum Pressurisation Units

## 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	
<b>Quantum pressurisation unit</b>												
Q-30F	0.37	3	2.6	1	½"	½"	PN10	29	320	600	910	
QHP-60F	0.5	6	3.4	1	½"	½"	PN10	31	320	600	910	
QHP-80F	0.75	8	5.6	1	½"	½"	PN10	34	320	600	910	
QP-30F	2 x 0.37	3	5.2	2	½"	½"	PN10	35	320	600	910	
QPHP-60F	2 x 0.5	6	6.8	2	½"	½"	PN10	39	320	600	910	
QPHP-80F	2 x 0.75	8	11.2	2	½"	½"	PN10	45	320	600	910	
<b>Quantum twin system – dual system pressurisation unit</b>												
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 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](mailto:enquiries@dutypoint.com)





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

**01452 300110  
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