

Quantum

QTSHP-80F

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.

Available in single or twin pump configuration. The Quantum is a floor-standing, flow rate (up to 18 l/min) top-up pressurisation unit with an 18-litre internal break tank. Ideal for industrial, residential, commercial or large domestic applications.

PRODUCT FEATURES

- MODBUS RTU communication protocol
- Fluid protection category 5 (AB weir overflow)
- Flood protection (pump runtime limiter, excessive start alarm)
- On-screen service reminder - 12 months

EVENT LOGGING

- Alarm activations
- Pump run counter (activations per pump)
- Cumulative run timer (hours per pump)
- Electrical interruption

CONTROL FEATURES

- Password protected
- Sequential programming menu
- Pressure setting in 0.1 bar increments
- Pump pulse option
- System fill mode

VOLT FREE CONTACTS

- Common alarm (N/C)
- High pressure alarm (N/O)
- Low pressure alarm (N/O)
- Sensor health (N/O)
- Pump 1 health (N/O)
- Pump 2 health (N/O)



PRODUCT DETAILS

Number of pumps	4*
Motor power (kW)	4 x 0.5
Full load current (A)	2 x 3.4
Weight (kg)	39

*2 pumps for each system.

MAXIMUM OPERATING CONDITIONS

Ambient temperature range	5 °C/40°C
Max cold fill pressure (bar)	6
Pressure rating	PN10
Protection class	IP54 (BS EN60529) rated controller
Relative humidity	95% non-condensing



MATERIALS OF CONSTRUCTION

Cabinet	Mild steel CR4 powder coated
Float	WRAS approved
Break Tank	Polypropylene
Connection	Brass/polypropylene
Pipework	Braided flexhose/EPDM/copper
Valves	Brass/PTFE

CONNECTIONS

System	2 x 15 mm (½" M)
Mains supply	15 mm (½" M)
Overflow	22 mm

QUANTUM RANGE DRAWINGS AND DIMENSIONS

Model	Motor power (kW)	FLC (A)	Dimensions (mm)								
			A	B	C	D	E	F	H	K	M
QTSHP-80F	4 x 0.5	2 x 3.4	330	480	760	500	150	800	220	520	580

QUANTUM TWIN PRESSURISATION UNIT

