



3760 Pressurisation Unit Range

SOLUTION OUTLINE

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3760 PRESSURISATION UNIT RANGE

3760



EFFICIENT

COMPACT

ACCURATE

The new 3760 Pressurisation Unit Range from Armstrong offers a complete suite of products and combination of features to ensure the effective operation and efficiency of any large domestic, commercial or industrial sealed HVAC system.

PRESSURISATION UNITS maintain minimum system pressure requirements whilst monitoring conditions and logging top up demand

Wall, floor and dual system units available

Easy commissioning and BMS connectivity for preventative maintenance

Improved system accuracy with automatic top up and demand logging

Lower maintenance costs — Preventative maintenance warnings reduce the need for emergency engineer call out

PRESSURISATION UNITS WITH BUILT IN VACUUM DEGASSING to maintain minimum pressure whilst ensuring optimum efficiency by removing unwanted air and gases from the system

Helps prevent damage to pumps, heat exchangers and valve seals by reducing magnetic accumulation

Reduced system resistance and improves pump efficiency allowing it operate at lower speeds by removing air

Improved pump efficiency saves time and money

High efficiency — Improves heat transmission by keeping water at its optimal thermal potential

Less manual venting reduces maintenance costs

PRESSURISATION UNITS WITH BUILT IN AUTOMATIC DOSING to maintain minimum pressure whilst ensure water treatment is accurately maintains the balance of chemical additives to the correct levels at all times

Automatic dosing - enables 100% accuracy according to system requirements saving cost and removes possibility of human error

Saves unnecessary spend on chemicals

Helps prevent particulate build-up

Reduced cost by removing the need for yearly manual dosing maintenance

3 IN 1 PRESSURISATION UNITS WITH VACUUM DEGASSING AND AUTOMATIC DOSING for the ultimate, all in one, maintenance free solution for HVAC system efficiency

All the combined benefits of the complete 3760 range in a compact, single space saving enclosure

Easy to install

Single connection

Fit and forget



3760 Midi

WALL MOUNTED PRESSURISATION UNITS

3760 Midi Wall Mounted Pressurisation Units are compact, digital pressurisation units, for use on sealed systems up to 50,000 litres.

Maintains minimum system pressure requirements whilst monitoring system conditions and logging top-up demand.

KEY FEATURES AND BENEFITS

- Improved system accuracy with automatic top up and demand logging.
- Lower maintenance costs - Preventative maintenance warnings reduce the need for emergency engineer call out.
- Controller enables accuracy and reduces downtime as changes can be made on the live system.
- Controller can be password protected to prevent unauthorised access.
- Enhanced BMS connectivity for multi-level monitoring.
- Compact, wall mounted units suitable for areas where space is a premium.
- Available as single and twin pump configurations.
- Built-in dry run protection and anti-seize routine available (enable at commissioning).
- Built-in flood protection notifies excessive starts and limits pump run time.
- Event logging: Alarm activations, Pump Run counter, Cumulative run timer, electrical interruptions.

PRODUCT	TYPE	TOP UP DELIVERY PRESSURE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)
3760 Midi 1LP	Single Pump	1-3 bar	547	248	240
3760 Midi 1MP	Single Pump	1-6 bar	547	248	240
3760 Midi 2LP	Twin Pump	1-3 bar	547	368	270
3760 Midi 2MP	Twin Pump	1-6 bar	547	368	270



3760 Pro

FLOOR STANDING PRESSURISATION UNITS

3760 Pro Floor Standing Pressurisation Units are compact, digital pressurisation units, for use on sealed systems up to 300,000 litres.

Maintains minimum system pressure requirements whilst monitoring system conditions and logging top-up demand.

KEY FEATURES AND BENEFITS

- Improved system accuracy with automatic top up and demand logging.
- Lower maintenance costs - Preventative maintenance warnings reduce the need for emergency engineer call out.
- Controller enables accuracy and reduces downtime as changes can be made on the live system
- Controller can be password protected to prevent unauthorised access.
- Enhanced BMS connectivity for multi-level monitoring.
- Compact, floor standing units suitable for areas where space is a premium.
- Available as single and twin pump configurations.
- Built-in dry run protection and anti-seize routine available (enable at commissioning).
- Built-in flood protection notifies excessive starts and limits pump run time.
- Event logging : Alarm activations, Pump Run counter, Cumulative run timer, electrical interruptions.

PRODUCT	TYPE	TOP UP DELIVERY PRESSURE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)
3760 Pro 1LP	Single Pump	1-3 bar	912	325	609
3760 Pro 1MP	Single Pump	1-6 bar	912	325	609
3760 Pro 1HP	Single Pump	1-8 bar	912	325	609
3760 Pro 2LP	Twin Pump	1-3 bar	912	325	609
3760 Pro 2MP	Twin Pump	1-6 bar	912	325	609
3760 Pro 2HP	Twin Pump	1-8 bar	912	325	609
3760 Pro 2UHP	Twin Pump	1-8 bar	912	325	609



3760 DualSys

PRESSURISATION UNITS

Image shows 3760 DualSys 2MP model

3760 DualSys Pressurisation Units are Compact, Pressurisation Unit's for controlling two sealed systems enclosure (up to 300,000 litres per system) from a single.

Maintains minimum pressure requirements whilst monitoring system conditions and logging top-up demand.

KEY FEATURES AND BENEFITS

- Dual Controllers enables individual system control and accuracy.
- Improved system accuracy with automatic top up and demand logging.
- Reduced downtime as changes can be made on the live system.
- Controller can be password protected to prevent unauthorised access.
- Enhanced BMS connectivity for multi-level monitoring.
- Compact, floor standing units suitable for areas where space is a premium.
- Available as single and twin pump configurations.
- Built-in flood protection notifies excessive starts and limits pump run time.
- Event logging : Alarm activations, Pump Run counter, Cumulative run timer, electrical interruptions.

PRODUCT	TYPE	TOP UP DELIVERY PRESSURE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)
3760 DualSys 1LP	Single Pump	1-3 bar	760	480	330
3760 DualSys 1MP	Single Pump	1-6 bar	760	480	330
3760 DualSys 2LP	Single Pump	1-3 bar	760	480	330
3760 DualSys 2MP	Twin Pump	1-6 bar	760	480	330



3760 ProVDG

FLOOR STANDING PRESSURISATION UNITS

3760 ProVDG Floor Standing Pressurisation Units are compact, floor standing combined digital pressurisation units with built-in vacuum degassing, for use on sealed systems up to 300,000 litres.

Maintains a minimum system pressure whilst effectively removing dissolved gasses from the system.

KEY FEATURES AND BENEFITS

- Combined pressurisation and degasser unit.
 - Helps prevent damage to pumps, heat exchangers and valve seals by reducing magnetic accumulation.
 - Reduced system resistance and improves pump efficiency allowing it operate at lower speeds by removing air.
 - Improved pump efficiency saves time and money.
 - High efficiency - Improves heat transmission by keeping water at its optimal thermal potential.
 - Less manual venting reduces maintenance costs.
- Controller enables accuracy and reduces downtime as changes can be made on the live system.
- Controller can be password protected to prevent unauthorised access.
- Enhanced BMS connectivity for multi-level monitoring.
- Preventative maintenance warnings reduce the need for costly emergency engineering call outs.
- Compact, floor standing units suitable for areas where space is a premium.
- Built-in dry run protection and anti-seize routine available (enable at commissioning).
- Built-in flood protection notifies excessive starts and limits pump run time.
- Event logging : Alarm activations, Pump Run counter, Cumulative run timer, electrical interruptions.

PRODUCT	TYPE	TOP UP DELIVERY PRESSURE	HEIGHT (mm)	DEPTH (mm)	WIDTH (mm)
3760 ProVDG 2MP	Twin Pump	1-6 bar	1095	630	324
3760 ProVDG 2HP	Twin Pump	1-8 bar	1095	630	324
3760 ProVDG 2UHP	Twin Pump	TBC	TBC	TBC	TBC



3760 ProDose

FLOOR STANDING PRESSURISATION UNITS

3760 ProDose Floor Standing Pressurisation Units are compact, floor standing combined digital pressurisation units for use with built-in automatic chemical dosing on sealed systems.

Maintains a minimum system pressure whilst proportionally providing additive on demand.

KEY FEATURES AND BENEFITS

- Combined pressurisation and auto dosing unit.
 - Automatic dosing - enables 100% accuracy according to system requirements saving cost and removes possibility of human error.
 - Saves unnecessary spend on chemicals.
 - Helps prevent particulate build-up.
 - Reduced cost by removing the need for yearly manual dosing maintenance.
- Controller enables accuracy and reduces downtime as changes can be made on the live system.
- Controller can be password protected to prevent unauthorised access.
- Enhanced BMS connectivity for multi-level monitoring.
- Preventative maintenance warnings reduce the need for costly emergency engineering call outs.
- Compact, floor standing units suitable for areas where space is a premium.
- Built-in dry run protection and anti-seize routine available (enable at commissioning).
- Built-in flood protection notifies excessive starts and limits pump run time.
- Event logging : Alarm activations, Pump Run counter, Cumulative run timer, electrical interruptions.

PRODUCT	TYPE	TOP UP DELIVERY PRESSURE	HEIGHT (mm)	DEPTH (mm)	WIDTH (mm)
3760 ProDose 2LP	Twin Pump	1-3 bar	1095	630	324
3760 ProDose 2MP	Twin Pump	1-6 bar	1095	630	324
3760 ProDose 2HP	Twin Pump	1-8 bar	1095	630	324



3760 ProDoseVDG

FLOOR STANDING PRESSURISATION UNITS

Image shows MidiDoseVDG 2UHP model

3760 ProDoseVDG Floor Standing Pressurisation Units are compact floor standing 3 in 1 digital pressurisation units with built-in vacuum degasser and automatic dosing, for use on sealed systems up to 300,000 litres.

Maintains a minimum system pressure whilst proportionally providing additive on demand and effectively removing dissolved gasses from the system fluid.

KEY FEATURES AND BENEFITS

- 3 in 1 pressurisation , vacuum degassing and auto dosing unit.
 - All the combined benefits of the complete 3760 range in a compact, single space saving enclosure.
 - Easy to install.
 - Single connection.
 - Fit and forget.
- Controller enables accuracy and reduces downtime as changes can be made on the live system.
- Controller can be password protected to prevent unauthorised access.
- Enhanced BMS connectivity for multi-level monitoring.
- Preventative maintenance warnings reduce the need for costly emergency engineering call outs.
- Compact, floor standing units suitable for areas where space is a premium.
- Built-in dry run protection and anti-seize routine available (enable at commissioning).
- Built-in flood protection notifies excessive starts and limits pump run time.
- Event logging : Alarm activations, Pump Run counter, Cumulative run timer, electrical interruptions.

PRODUCT	TYPE	TOP UP DELIVERY PRESSURE	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)
3760 ProDoseVDG 2MP	Twin Pump	1-3 bar	1390	325	633
3760 ProDoseVDG 2HP	Twin Pump	8-16 bar	1480	480	320
3760 ProDoseVDG 2UHP	Twin Pump	8-16 bar	1090	470	660

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For further information on the 3760 Pressurisation unit range
or to download individual product data sheets please visit:



[www.armstrongfluidtechnology.com/en-gb/
products-and-services/heating-and-cooling/
pressurisation-units](http://www.armstrongfluidtechnology.com/en-gb/products-and-services/heating-and-cooling/pressurisation-units)