

DU145 Angled Automatic Bypass Valve

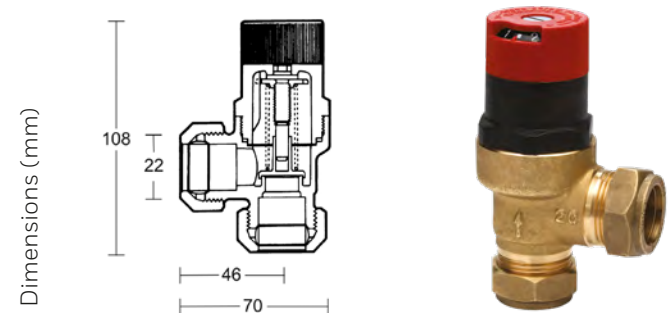
The DU145 Automatic Bypass Valve controls the flow of water through a bypass circuit which is installed between flow and return pipework. Building regulations advice states that if a bypass is installed, an Automatic Bypass Valve must be fitted.

The DU145 saves energy by only allowing flow through the bypass when needed, i.e. when flow through the system is reduced when zone valves or radiator thermostats are closing.

The use of an Automatic Balancing Valve is recommended by the UK government as Best Practice in the CHesS (Central Heating System Specifications) guide to central heating systems.

- Unique and simple adjustment mechanism
- High capacity flow – up to 50 litres per minute
- Wide differential pressure range from 0.1 to 0.6 bar
- 22 mm compression fittings for ease of installation
- Reduces system noise and maintains an even system pressure
- Ensures constant flow through boiler
- Lockable set pressure prevents inadvertent adjustment.

DU145 - 3/4B	Automatic bypass valve with set pressure indicator, lockable adjustment knob and 22 mm compression connections
DU145 Automatic bypass valve can serve two functions: a) as a boiler bypass as required by boiler manufacturers, b) as a system bypass to accommodate pump overrun and to alleviate system noise that can be caused by increased pressure when thermostatic radiator valves or zone valves close down	



Locking: Both DU144 & DU145 Valves: Once pressure has been set according to the scale below, the valve locks in position by tightening the screw on the cap.

Scale	1	2	3	4	5	6
Bar	0.1	0.2	0.3	0.4	0.5	0.6

VF06 Sealed System Filling Valve

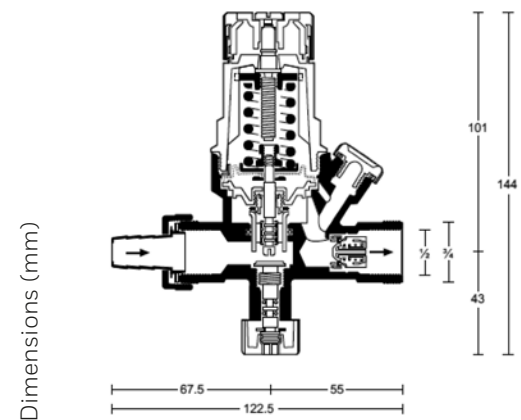
The VF06 is a combination filling valve for sealed heating systems, incorporating a pressure-reducing valve, stop valve, a non-return valve and hose connections. Factory set to 1.5 bar, the VF06 can be adjusted on site to between 0.5 and 3.0 bar.

The VF06 ensures that the system is not inadvertently over pressurised while filling, which can cause damage to heat exchangers, expansion vessels and joints. It also enables quick and trouble-free refilling of the system should pressure loss occur.

- Automatic filling
- Unique and simple adjustment mechanism
- Integral stop valve
- Integral non-return valve
- Integral strainer
- Pressure gauge tapping.

Options

- Hose union or threaded union connector
- Accessory MF126 – A4 pressure gauge with 0 to 4 bar range.



VF06 - 1/2 A	Filling valve with 1/2" hose connection
VF06 - 1/2 B	Filling valve with 1/2" threaded union connection
MF126 - A4	0 to 4 bar pressure gauge with 1/4" connection
D06FA - 1/2	Spare valve insert complete

Specifications	
Maximum working pressure	16 bar
Maximum temperature:	70°C
Outlet pressure:	Adjustable 0.5 to 3.0 bar
Factory set:	1.5 bar
Connection size:	1/2" BSP female & 3/4" BSP male
Pressure gauge tapping:	1/4" BSP
Housing material:	Brass

