

## Hook Up Kits (FCU Links)



### Description

Flushing bypass with pressure independent control valve and Filter ball shut off valve with integrated strainer. The kit includes an pressure independent control valve to maintain design flow rates and provide modulating temperature control, also included in the assembly is isolation valves on both flow and return. The flow valve is typically a combined isolation valve and strainer, The return valve is either incorporated on the fixed by-pass or a separate valve on the adjustable center flushing by-pass. A flushing by-pass and blow down valve are offered so that the valve set and connected terminal unit may be flushed out of circuit and subsequently forward flushed.

This Kit has been designed to provide maximum flexibility and allow customization in a number of configurations. Varying the components and adjusting the center to center distance of the flushing by-pass.

### Features

Pressure rating	PN25 (PN16 with flexible hoses)
Flow rate range	15 – 3000 l/h dependent on valve selection
Working temperature range	0 – 100° C
Working differential pressure range	25 – 600kPa minimum depends on valve and setting
Flow control accuracy (linearity and hysteresis)	±10% across working DP range at 100% flow
Control valve characteristic	Equal percentage depends on actuator
Control valve leakage rate	to IEC 60534-4 Class IV
Available thread types	BSP and NPT (*)