

APPLICATION

The End Of Line Valve Set is typically installed as an end of line bypass valve on each branch of terminal units to avoid dead legs, circulate branch flow to preserve water quality and to ensure good temperature response. The valve set is supplied pre-assembled with isolation ball valves, air/water tested, set and ready to fit directly onto the branch end. Comprises all components to provide a constant flow irrespective of branch ΔP . In order for the ABV to function as intended, water must always be suitably treated, clean, free of debris and maintained as per the relevant water quality standards (VDI2035, BSRIA BG50 or equivalent).

SPECIFICATION

Static Pressure:	25 Bar
Working Temperature:	-15°C to 110°C
Size Range:	DN15 to DN50
Threaded Connections:	Female according to UNI ISO 228/1
Features:	<ul style="list-style-type: none"> • Easy selection based on flow rate • Extended handle options • Blank cap option for dynamic flushing • Supplied set, individually labelled to schedule • 100% tested
Components:	<ul style="list-style-type: none"> • Effebi full bore ball valve 2 x
Material:	<ul style="list-style-type: none"> • FlowCon ABV1.Y.Y or E-Just.1, 2 or 3 • DZR brass, elastomers EPDM, nickel-plated brass

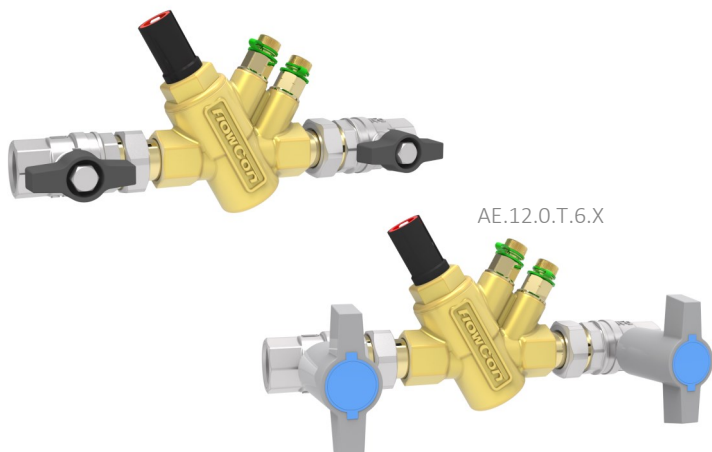
PRODUCT CODES AND SELECTIONS

AB-EOL.12.0.T.x._

X	Extended Handle — leave blank if not applicable
S	Strainer — leave blank if not applicable
Bxx	fitted with blank cap, insert supplied loose
5	Composite ABV1.Y.Y - 0.0081-0.0431 l/s [20-130 kPaD]
6	E-Just1.Y.B - 0.0278-0.114 l/s [17-210 kPaD]
7	E-Just1.Y.G - 0.0436-0.169 l/s [17-210 kPaD]
8	E-Just1.Y.R - 0.0767-0.229 l/s [17-200 kPaD]
9	E-Just1.G.R - 0.113-0.352 l/s [35-400 kPaD]
10	E-Just2.Y.G - 0.149-1.62 l/s [17-400 kPaD]
11	E-Just3.G.B - 0.883-4.48 l/s [20-400 kPaD]
T	Threaded
0	No Flow Measurement
1	1" nominal diameter
2	2" nominal diameter
12	1/2" nominal diameter
34	3/4" nominal diameter
114	1 1/4" nominal diameter
112	1 1/2" nominal diameter
AB-EOL	= Assembly with 2 PT plugs and a line size inlet and outlet ball valve
ABV-EOL	= Assembly with 2 PT plugs, integral ball valve, union connection and external ball valve

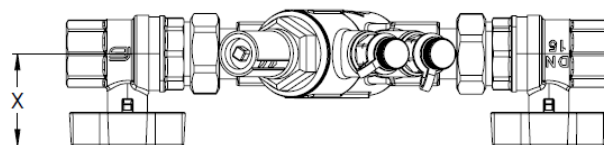
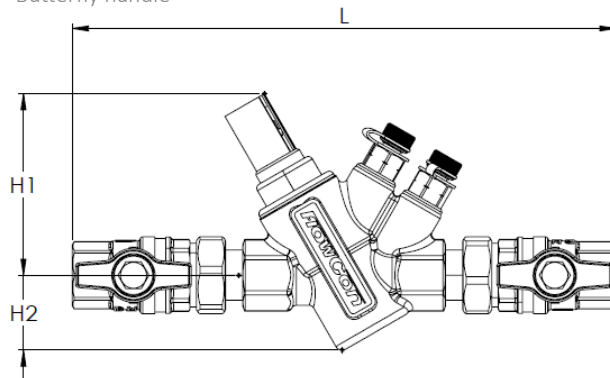
AB-EOL.12.0.T.6

FloControl EOL valve set arrangement; comprising E-Just1.Y.B fitted with two PT plugs and 15mm Butterfly Handle-operated Ball Valve on the Inlet and Outlet. 1/2" Female Threaded Connections.

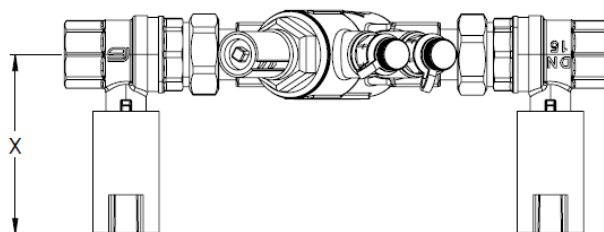
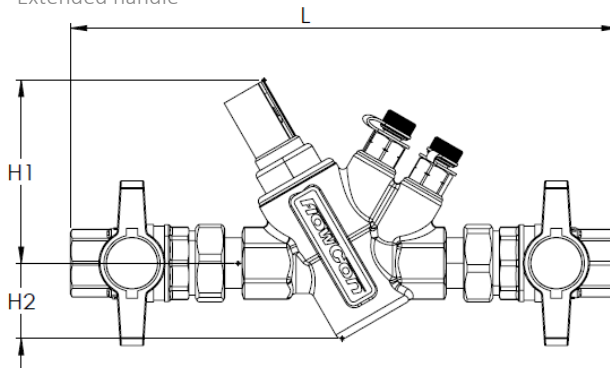


DIMENSIONS

Butterfly handle



Extended handle



Butterfly handle				
Size	L	H1	H2	X
DN15	225	75	30	34.5
DN20	255	75	30	38
Dn25	275	75	30	46
DN32	330	105	45	63
DN40	580	145	100	80
DN50	670	145	100	90
Extended handle				
DN15	225	75	30	67
DN20	325	140	30	75
Dn25	390	140	30	79
DN32	455	160	45	105
DN40	750	175	100	111
DN50	835	175	100	121