

Technical specification for difference pressure valves

The difference pressure valves are 30 years in operation for the cooling water distribution system in building C and should be replaced in line with the asbestos removal program of the building. The specified valves are standardized for the heating and cooling water distribution system in the VIC. Due to the fact that the valves must match with the pipe connections and the valve-drives no changes of the overall dimension and connection point to the actuator is possible.

Technical Data Type: Danfoss VFQ 2

Nominal diameter (DN)	15	20	25	32	40	50	65	80	100	125	150	200	
kvs value (m3/h)	4	6.3	8	16	20	32	50	80	125	160	280	320	
Range of flow rate by difference pressure (Δp_b)	0.2 bar (m3/h)	0.1	0.2	0.2	0.4	0.6	0.8	3	4	6	8	12	15
	0.5 bar (m3/h)	2	3	4	7	11	16	28	40	63	80	125	150
		0.2	0.3	0.3	0.5	0.8	1.2	4	6	9	12	18	22
		3	4.5	6	10	16	24	40	58	90	120	180	220
z value	0.6	0.6	0.6	0.55	0.55	0.5	0.5	0.45	0.4	0.35	0.3	0.2	
Max. Δp pressure(bar)	16	16	16	16	16	16	16	16	15	15	12	10	

Nominal pressure	PN 16, flanges to DIN 2501
Max. temperature	140 °C
Flow medium	Water for heating, district heating and cooling systems, min. 5 °C
Pressure balance	Stainless steel bellows, mat. No.1.4571 Rolling diaphragm
Valve body material	PN 16 Grey cast iron EN-GJL-250 (GG-25)
Cone material	Stainless steel, mat. No. 1.4404

Difference pressure valves, according to the above-mentioned technical data.

Number of item	Type & Nominal diameter	Single price	Total price
4 pieces	VFQ 2 DN 150	Euro.....	Euro.....
1 piece	VFQ 2 DN 125	Euro.....	Euro.....
5 pieces	VFQ 2 DN 80	Euro.....	Euro.....
1 piece	VFQ 2 DN 65	Euro.....	Euro.....

GRAND TOTAL **Euro.....**

TAXES if applicable Eur.....

Important !

A detailed technical description of each offered valve must be attached.

Delivery time