

Description

The top sections series 4T, 4T1, 4T2, and 4T3 are built up in modules, on a basic module with outlet and cleaning system. The different series allow for different methods of bag change.

When changing filter bags from above, the jet pipes are removed one by one.

Series 4T

The simplest and cheapest design. A conical cover is flanged directly onto the top flange of the basic module. This model is typically applied for bag change from below. Bag change from above is enabled through unbolting of the cover.

The construction is resistant to major pressure differences.

Series 4T1

A module with flat aluminium covers made from checker plate has been flanged onto the basic module. The covers are suspended by means of snap locks and are easily removed. This model is not suitable for major pressure differences, for instance in connection with dust explosions.

The top section can be designed according to operating temperature, see sheet 1 05 25.

Series 4T2

A tip-up cover is suspended on top of the basic module by a strong hinge with retaining spring. Thus bag change from above is very rational. The construction is resistant to major pressure differences.

Series 4T3

A housing with door and conical cover forms "penthouse" above the basic module. Bag change is effected inside the top section. Considering the limited room height, the filter cages may be split in two halves. This construction is resistant to major pressure differences. ■

Change of Filter Bags

- Series 4T From below - or from above by unbolting of top cover.
- Series 4T1 From above, with aluminium covers.
- Series 4T2 From above, with tip-up cover.
- Series 4T3 From above, with "penthouse"

General Data

- Membrane valve Buschjost
(Sheets 1 11 70, 1 11 71, 1 11 72)
- Comp.air receiver EN 286-1
- Pressure control Filter rate controller ½" with pressure gauge
- Operating temp. 0 - 90°C in standard execution
0 -250°C in special execution
- Weight and surface .. Sheet 1 02 45.1

Recommended Cleaning Pressure

- 1.0-2.0 metres bags.. 2.5 bar
- 2.5-3.5 metres bags.. 3.0 bar
- 4.0-5.0 metres bags.. 4.0 bar

Classification			Compressed-air Cleaning		
Type JM	No. of Bags	Dia-meter [m]	Control type GFC	Number of Valves	Volume [dm³]
7	7	0,6	16:4	3 × 1"	34
10	10	0,8	16:4	2 × 1" + 1 × 1½"	37
14	14	0,96	16:4	2 × 1" + 2 × 1½"	50
21	21	1,1	16:12	5 × 1½"	64
32	32	1,3	16:12	6 × 1½"	76
41	41	1,5	16:12	7 × 1½"	90
52	52	1,8	16:12	10 × 1½"	97
70	70	2,0	16:12	12 × 1½"	114
90	90	2,2	32:20	14 × 1½"	131
124	124	2,6	32:20	10 × 1½" + 6 × 2"	124
146	146	2,8	32:20	8 × 1½" + 10 × 2"	166
170	170	3,0	32:20	8 × 1½" + 12 × 2"	184
198	198	3,2	32:20	4 × 1½" + 16 × 2"	184