

# INDUSTRIAL PNEUMATICS - air treatment units

## BIT series

Main advantages of BIT air preparation system are reduced dimensions, long service life and excellent quality-to-price ratio. Especially recommended for de-centralized compressed air systems or near the final actuators.



### FIL filter

**Size:** 1/8" 1/4"  
**Degree of filtration:** 5 µm, 20 µm, 50 µm  
**Inlet pressure:** Up to 13 bar  
**Working temp.:** Up to +50°C  
**Connection:** 1/8", 1/4" BSP female thread  
**Condensate drain:** Manual / automatic (RMSA)  
 Automatic drain (SAC)  
**Flow rate:** 1200 l/min - 1/8"  
 1200 l/min - 1/4"  
 (input pressure 6 bar and  $\Delta p = 1$  bar)

FIL	BIT	1/8	5	RMSA
element	series	connection	degree of filtration	condensate drain
FIL - filtr	BIT	1/8 - 1/8" 1/4 - 1/4"	5 - 5 µm 20 - 20 µm 50 - 50 µm	RMSA - manual/ semi-automatic SAC - automatic, using pressure drop

1/8"		1/4"		degree of filtration [µm]	condensate drain
code	type	code	type		
MW-5101001	FIL BIT 1/8 5 RMSA	MW-5201001	FIL BIT 1/4 5 RMSA	5	RMSA
MW-5101002	FIL BIT 1/8 20 RMSA	MW-5201002	FIL BIT 1/4 20 RMSA	20	
MW-5101003	FIL BIT 1/8 50 RMSA	MW-5201003	FIL BIT 1/4 50 RMSA	50	
MW-5101004	FIL BIT 1/8 5 SAC	MW-5201004	FIL BIT 1/4 5 SAC	5	SAC
MW-5101005	FIL BIT 1/8 20 SAC	MW-5201005	FIL BIT 1/4 20 SAC	20	
MW-5101006	FIL BIT 1/8 50 SAC	MW-5201006	FIL BIT 1/4 50 SAC	50	

### Condensate draining, replacing filter inserts - service tips

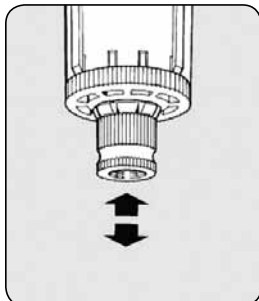


fig. 1a

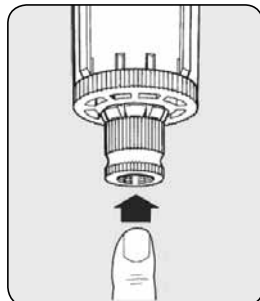


fig. 1b

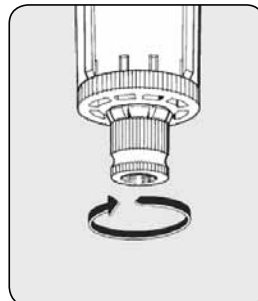


fig. 1c



fig. 1d

When the handwheel is in the centre position, the drain valve is semi-automatic. It opens when the tank is vented and closes after tank is pressurised (fig. 1a). To drain the pressurised tank, press the drain valve (fig. 1b). Clockwise turn of the handwheel closes the drain valve regardless of the tank pressure (fig. 1c). To clean or replace filter inserts, unscrew the separator screen of the centrifuge (fig. 1d). To disassemble the tank use MW-9170601 key.