

## Safety instruction

- Depressurize the system before carrying out any work on the piping.
- Installation and maintenance work may only be carried out when filter is not under pressure.
- Installation and maintenance work may only be carried out by trained and experienced staff.
- Do not exceed max. operating pressure or operating temperature range (see data label).
- Use original spare parts only.
- Use filter for the appropriate purpose only.

## Appropriate use

**SMF filters** may only be used for its intended purpose. These filters are intended exclusively for the following purpose:

1. Removal of Solid Particles: Micro filters can separate very fine solid particles such as dust, dirt, rust, and other suspended particles from compressed air.
2. Removal of Oil and Oil Vapors: These filters can eliminate oil particles and oil vapors that may be present in the compressed air stream, thereby improving the quality of the compressed air.
3. Moisture Removal: Some micro filters are designed to reduce the moisture content in compressed air, helping to prevent corrosion and rusting of equipment.
4. Protection of Equipment: Using micro filters helps protect pneumatic equipment and tools, increasing their service life as particles and contaminants can damage sensitive components.
5. Increased Efficiency: By removing contaminants and unwanted particles, micro filters can enhance the efficiency and performance of compressed air systems.

Any other form of use or one going beyond this shall be considered as inappropriate. We shall have no liability whatsoever for any damage incurred as result.

## Warranty exclusion

- The guarantee shall be void if:
- The installation and operating manual were not followed with respect to installation, initial commissioning and maintenance.
- The unit was not operated properly and appropriately.
- The unit was operated when it was clearly defective.
- Non-original spare parts or replacement parts were used.
- The unit was not operated within the permissible technical parameters.
- Unauthorized constructional changes were made to the unit or if the unit has been opened/disassembled by an unauthorized person.

*Be on the Safe side!*

## Technical Data

Operation Pressure Range	5-13 bar	101- 188 psi
Operation Temp Range	1.5-65 °C	35-149 °F
Initial Pressure Drop	30 mbar	0.45 psi

## Size

Model	Capacity	Pipe Size	Filter Element	Dimension (mm)			
	m <sup>3</sup> /h	(inch)		A	B	C	D
SMF 132 X	2.2	1/2"	SF 132 X	368	80	109	30
SMF 132 Y	2.2	1/2"	SF 132 Y	368	80	109	30
SMF 132 A	2.2	1/2"	SF 132 A	368	80	109	30
SMF 180 X	3	3/4"	SF 180 X	368	80	109	30
SMF 180 Y	3	3/4"	SF 180 Y	368	80	109	30
SMF 180 A	3	3/4"	SF 180 A	368	80	109	30
SMF 270 X	4.5	1"	SF 270 X	368	80	109	30
SMF 270 Y	4.5	1"	SF 270 Y	368	80	109	30
SMF 270 A	4.5	1"	SF 270 A	368	80	109	30
SMF 372 X	6.2	1 1/4"	SF 372 X	518	80	109	30
SMF 372 Y	6.2	1 1/4"	SF 372 Y	518	80	109	30
SMF 372 A	6.2	1 1/4"	SF 372 A	518	80	109	30
SMF 432 X	7.2	1 1/2"	SF 432 X	518	80	109	30
SMF 432 Y	7.2	1 1/2"	SF 432 Y	518	80	109	30
SMF 432 A	7.2	1 1/2"	SF 432 A	518	80	109	30

