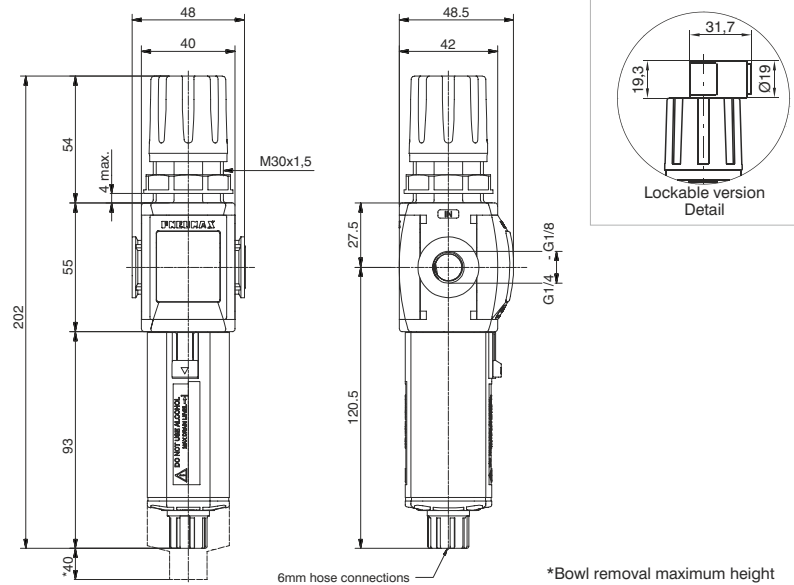
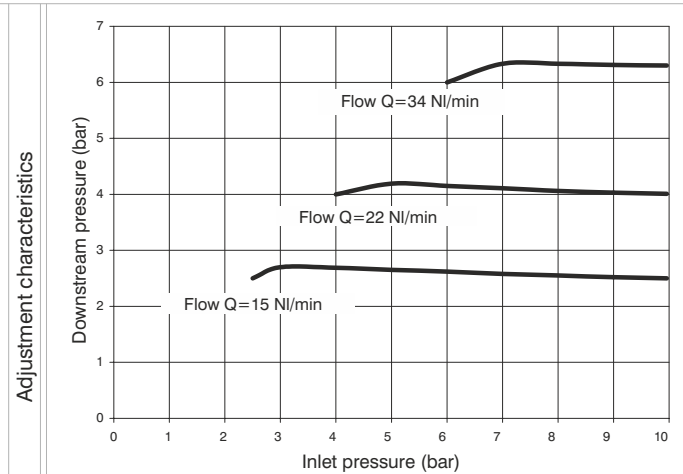
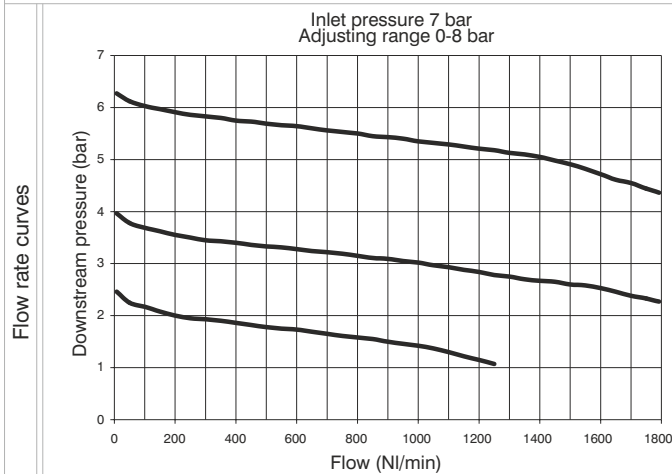


Filter-regulator including gauge (EM)(EW)

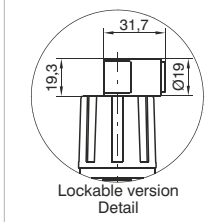
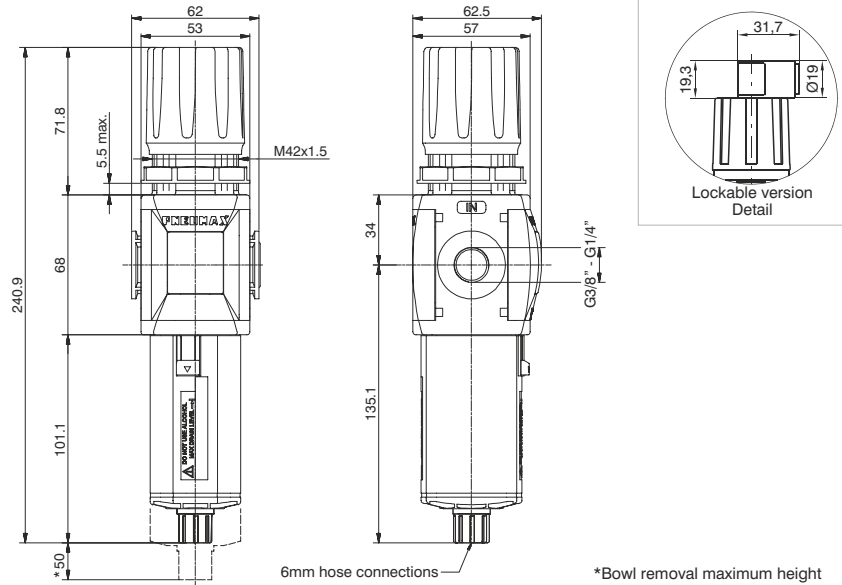


Example: T171BEMBC : size 1, Filter-Regulator including gauge with Technopolymer threads, G1/4" connections, with 20 µm filtering pore size, 0 to 8 bar adjusting range

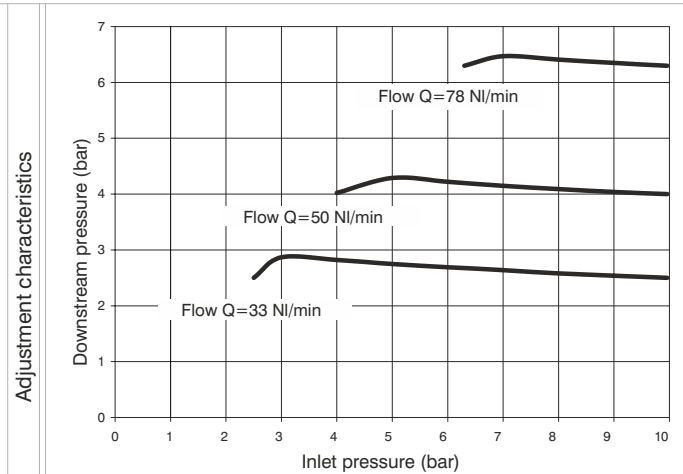
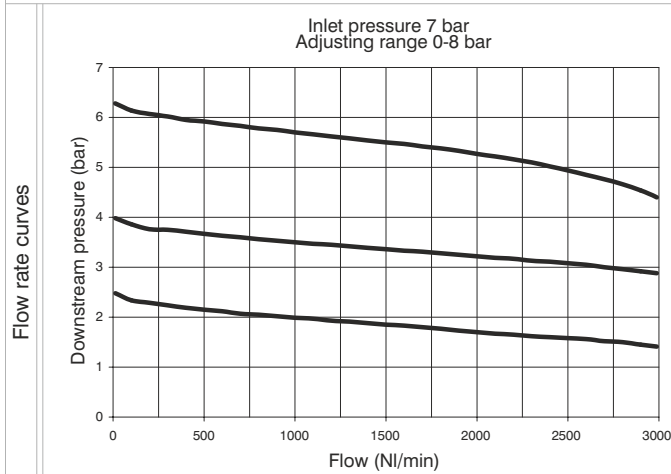


Operational characteristics	Technical characteristics	Ordering code
<ul style="list-style-type: none"> - Filter - diaphragm pressure regulator with relieving. - Low hysteresis rolling diaphragm. - Balanced system. - Double filtering action: air flow centrifugation and filter element. - Filtering element made of HDPE (high density polyethylene) available in three different filtration grades (5µm, 20µm and 50µm) can be regenerated by washing it or replaced. - Transparent bowl made off polycarbonate with bowl protection guard. - Bowl assembly via bayonet type quick coupling mechanism with safety button. - Semi-automatic drain mounted as standard; automatic drain upon request - Available in four pressure ranges up to 12 bar. - Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved. - Fitted with panel mounting locking ring. - Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range) 	<p>Connections G 1/8" - G 1/4"</p> <p>Max. inlet pressure 13 bar</p> <p>Minimum working pressure 0,5 bar</p> <p>with automatic drain</p> <p>Maximum working pressure 10 bar</p> <p>with automatic drain</p> <p>Working temperature -5°C +50°C</p> <p>Weight with Technopolymer threads gr. 200</p> <p>Weight with threaded inserts gr. 210</p> <p>Pressure range 0-2 bar / 0-4 bar 0-8 bar / 0-12 bar</p> <p>Filter pore size 5 µm - 20 µm - 50 µm</p> <p>Bowl capacity 18 cm³</p> <p>Assembly positions Vertical</p> <p>Max. fitting torque (with Technopolymer threads) G1/4" = 9 Nm</p> <p>Max. fitting torque (with threaded inserts) G1/8" = 15 Nm G1/4" = 20 Nm</p>	<p>V171CEDSGTO</p> <p>VERSION V = Metal inserts T = Technopolymer thread</p> <p>CONNECTIONS A = G1/8" (only for "N" version) B = G1/4" C = G1/4" NPT (only for "N" version)</p> <p>FLOW DIRECTION M = from left to right W = from right to left</p> <p>FILTER PORE SIZE A = 5 µm B = 20 µm C = 50 µm</p> <p>ADJUSTING RANGE A = 0-2 bar B = 0-4 bar C = 0-8 bar D = 0-12 bar</p> <p>TYPE T = Standard * S = Automatic drain</p> <p>OPTIONS O = Standard * K = Lockable version</p> <p>* no additional letter required</p>
<p>Note</p> <p>The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended. In order to ensure adequate flow on the auto drain version it is recommended to use minimum a 6mm fitting.</p>		

Filter-regulator including gauge (EM)(EW)



Example: T172BEMBC : size 2, Filter-Regulator including gauge with Technopolymer threads, G3/8" connections, with 20 µm filtering pore size, 0 to 8 bar adjusting range



Operational characteristics

- Filter - diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Double filtering action: air flow centrifugation and filter element.
- Filtering element made of HDPE (high density polyethylene) available in three different filtration grades (5µm, 20µm and 50µm) can be regenerated by washing it or replaced.
- Transparent bowl made of polycarbonate with bowl protection guard.
- Bowl assembly via bayonet type quick coupling mechanism with safety button.
- Semi-automatic drain mounted as standard; automatic drain upon request.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.
- Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)

Note
The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended. In order to ensure adequate flow on the auto drain version it is recommended to use minimum a 6mm fitting.

Technical characteristics

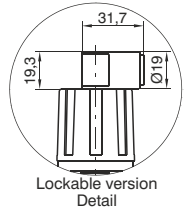
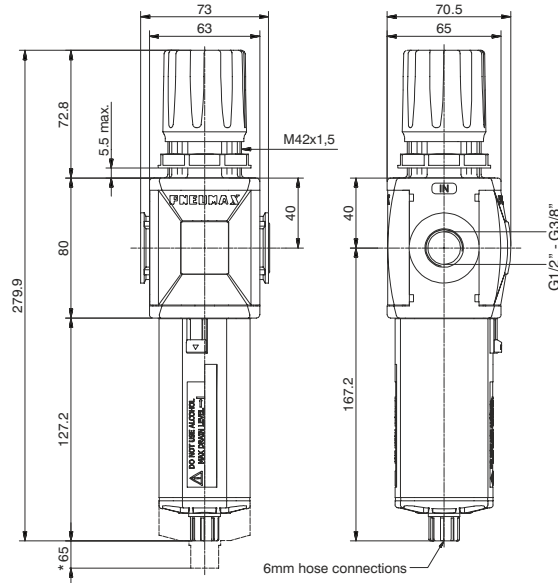
Connections	G 1/4" - G 3/8"
Max. inlet pressure	13 bar
Minimum working pressure	0,5 bar
with automatic drain	
Maximum working pressure	10 bar
with automatic drain	
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 400
Weight with threaded inserts	gr. 410
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Filter pore size	5 µm - 20 µm - 50 µm
Bowl capacity	34 cm ³
Assembly positions	Vertical
Max. fitting torque (with Technopolymer threads)	G3/8" = 16 Nm
Max. fitting torque (with threaded inserts)	G1/4" = 20 Nm G3/8" = 25 Nm

Ordering code

V172CEDSGT0

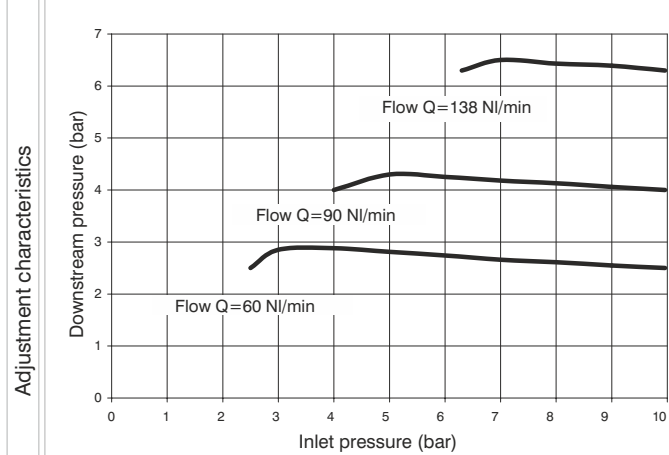
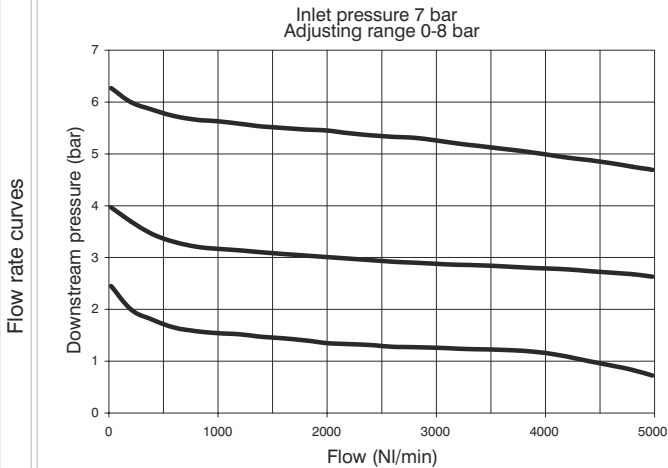
VERSION	
V N = Metal inserts	
T = Technopolymer thread	
CONNECTIONS	
A = G1/4" (only for "N" version)	
B = G3/8"	
C = G3/8" NPT (only for "N" version)	
FLOW DIRECTION	
M = from left to right	
W = from right to left	
FILTER PORE SIZE	
A = 5 µm	
B = 20 µm	
C = 50 µm	
ADJUSTING RANGE	
A = 0-2 bar	
B = 0-4 bar	
C = 0-8 bar	
D = 0-12 bar	
TYPE	
T = Standard *	
S = Automatic drain	
OPTIONS	
0 = Standard *	
K = Lockable version	
* no additional letter required	

Filter-regulator including gauge (EM)(EW)



*Bowl removal maximum height

Example: T173BEMBC : size 3, Filter-Regulator including gauge with Technopolymer threads, G1/2" connections, with 20 µm filtering pore size, 0 to 8 bar adjusting range



Operational characteristics

- Filter - diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Double filtering action: air flow centrifugation and filter element.
- Filtering element made of HDPE (high density polyethylene) available in three different filtration grades (5µm, 20µm and 50µm) can be regenerated by washing it or replaced.
- Transparent bowl made of polycarbonate with bowl protection guard.
- Bowl assembly via bayonet type quick coupling mechanism with safety button.
- Semi-automatic drain mounted as standard; automatic drain upon request.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.
- Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)

Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended. In order to ensure adequate flow on the auto drain version it is recommended to use minimum a 6mm fitting.

Technical characteristics

Connections	G 3/8" - G 1/2"
Max. inlet pressure	13 bar
Minimum working pressure with automatic drain	0,5 bar
Maximum working pressure with automatic drain	10 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 480
Weight with threaded inserts	gr. 500
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Filter pore size	5 µm - 20 µm - 50 µm
Bowl capacity	68 cm ³
Assembly positions	Vertical
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm

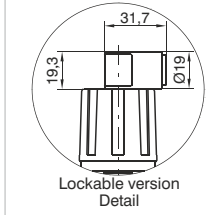
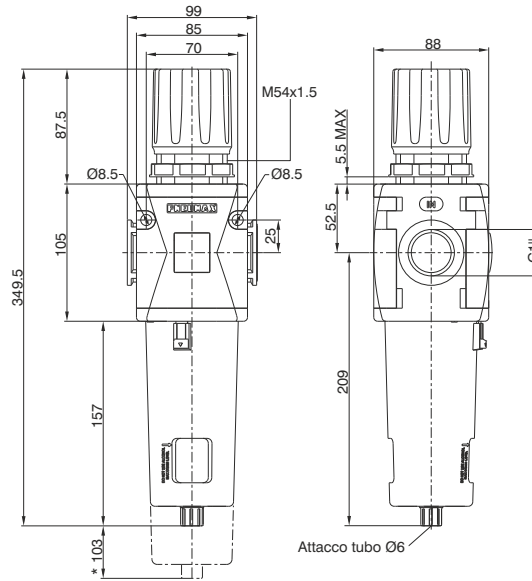
Ordering code

V173E D S G T O

VERSION	
V N = Metal inserts	
T = Technopolymer thread	
CONNECTIONS	
A = G3/8" (only for "N" version)	
B = G1/2"	
C = G1/2" NPT (only for "N" version)	
FLOW DIRECTION	
D M = from left to right	
W = from right to left	
FILTER PORE SIZE	
S A = 5 µm	
B = 20 µm	
C = 50 µm	
ADJUSTING RANGE	
A = 0-2 bar	
G B = 0-4 bar	
C = 0-8 bar	
D = 0-12 bar	
TYPE	
T = Standard *	
S = Automatic drain	
OPTIONS	
O = Standard *	
K = Lockable version	

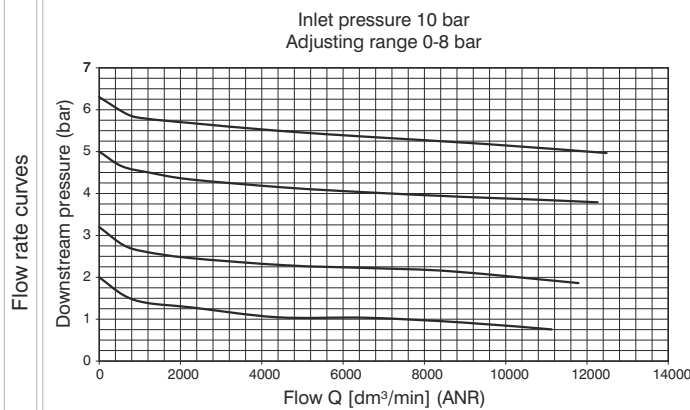
* no additional letter required

Filter-regulator including gauge (EM)(EW)

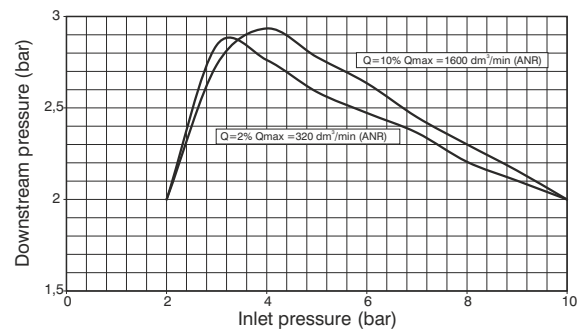


*Bowl removal maximum height

Example: N174BEMBC : size 4, Filter-regulator including gauge, G1" connections, with 20 µm filtering pore size, 0 to 8 bar adjusting range



Adjustment characteristics



Operational characteristics

- Filter - diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Double filtering action: air flow centrifugation and filter element.
- Filtering element made of HDPE (high density polyethylene) available in three different filtration grades (5µm, 20µm and 50µm) can be regenerated by washing it or replaced.
- Transparent bowl made of polycarbonate with bowl protection guard.
- Bowl assembly via bayonet type quick coupling mechanism with safety button.
- Semi-automatic drain mounted as standard; automatic drain upon request.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.
- Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)

Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended. In order to ensure adequate flow on the auto drain version it is recommended to use minimum a 6mm fitting.

Technical characteristics

Connections	G1"
Max. inlet pressure	13 bar
Minimum working pressure with automatic drain	0,5 bar
Maximum working pressure with automatic drain	10 bar
Working temperature	-5°C +50°C
Weight	1440 (gr)
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Filter pore size	5 µm - 20 µm - 50 µm
Bowl capacity	90 cm ³
Assembly positions	Vertical
Wall fixing screw	M8

Ordering code

N174BEDSSGTO

D	FLOW DIRECTION M = from left to right W = from right to left
S	FILTER PORE SIZE A = 5 µm B = 20 µm C = 50 µm
G	ADJUSTING RANGE A = 0-2 bar B = 0-4 bar C = 0-8 bar D = 0-12 bar
T	TYPE = Standard * S = Automatic drain
O	OPTIONS = Standard * K = Lockable version

* no additional letter required