

(CHECK-VALVE FILTERS) **VED**

CHECK-VALVE FILTERS

VED series check-valve filters are specially designed for 3/8" flanged nozzles. VED filters contain a one-way ball valve to avoid dripping when spray is turned off. They also serve to protect the nozzle tips. We recommend to assemble check-valve filters on small capacity nozzles to avoid clogging and enhance their performance.

OPENING PRESSURE	0.35, 0.70, 1.40, 2.00, 2.80 bar
WIRE NET MESH SIZE	50, 80, 100 mesh
MATERIAL	Body
	B1 AISI 303 Stainless Steel
	B31 AISI 316L Stainless Steel
	D3 Nylon
	T1 Brass
Wire net	B2 AISI 304 Stainless Steel

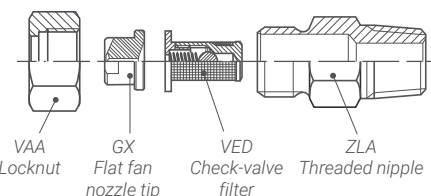
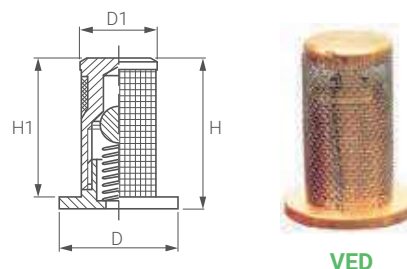


Table for body material: AISI 303, AISI 316L, brass

CODE	D mm	D1 mm	H mm	H1 mm	M mesh	Opening bar
VED 0138 xxA	15.0	10.0	20.0	18.5	100	0.35
VED 0238 xxA	15.0	10.0	20.0	18.5	80	0.35
VED 0338 xxA	15.0	10.0	20.0	18.5	50	0.35
VED 0138 xxB	15.0	10.0	20.0	18.5	100	0.70
VED 0238 xxB	15.0	10.0	20.0	18.5	80	0.70
VED 0338 xxB	15.0	10.0	20.0	18.5	50	0.70
VED 0138 xxC	15.0	10.0	20.0	18.5	100	1.40
VED 0238 xxC	15.0	10.0	20.0	18.5	80	1.40
VED 0338 xxC	15.0	10.0	20.0	18.5	50	1.40
VED 0138 xxD	15.0	10.0	20.0	18.5	100	2.80
VED 0238 xxD	15.0	10.0	20.0	18.5	80	2.80
VED 0338 xxD	15.0	10.0	20.0	18.5	50	2.80

CARTRIDGE SIZE TABLE

To figure out mesh sizes one has to count the number of openings from the centre of any one wire to the centre of a parallel wire one inch away. The number of openings in a filter cartridge is the mesh size. We highly recommend to add filters to small capacity nozzles to hold fine particulate matter.

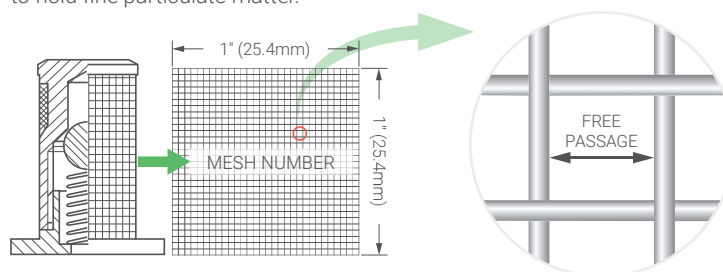


Table for body material: nylon

CODE	D mm	D1 mm	H mm	H1 mm	M mesh	Opening bar
VED 0138 xxB	15.0	10.0	20.0	18.5	100	0.70
VED 0238 xxB	15.0	10.0	20.0	18.5	80	0.70
VED 0338 xxB	15.0	10.0	20.0	18.5	50	0.70
VED 0138 xxE	15.0	10.0	20.0	18.5	100	2.00
VED 0338 xxE	15.0	10.0	20.0	18.5	50	2.00

HOW TO CHOSE THE PROPER FILTER?

The largest filter free passage < nozzle orifice

MESH NUMBER	Free passage mm
30 - 32	0.6 - 0.58
50	0.30
60	0.25
75	0.20
80	0.18
100	0.15
150	0.10
200	0.075

If the nozzle tip diameter is 0.3 mm, we suggest you to choose a 60 mesh filter or more (free passage 0.25 mm). Please consider that the higher is the number of mesh, the greater is the filtering power.

We offer a large assortment of VE series filters for your convenience.

CODE	VEC	VED	VEF	VEA
Appearance				
	Flanged	Check-valve	Threaded	Hat
B1 AISI 303	•	•	•	
B31 AISI 316L	•	•	•	
D3 Nylon	•	•		
T1 Brass	•	•	•	
T9 Copper				•

HOW TO MAKE UP THE FILTER CODE Ex.: VED 0138 B1C

VED 0138 xx C

- OPENING PRESSURE**
 - A - 0.35 bar
 - B - 0.70 bar
 - C - 1.40 bar
 - D - 2.80 bar
 - E - 2.00 bar
- MATERIAL**
 - B1 - AISI 303 Stainless Steel
 - B31 - AISI 316L Stainless Steel
 - D3 - Nylon
 - T1 - Brass
- MESH**
 - 0138 - 100 mesh
 - 0238 - 80 mesh
 - 0338 - 50 mesh
- FILTER**