

FILTER REGULATORS

Yamada Europe filter/regulators provide precise air inlet pressure control and help optimizing pump performance and efficiency. FR-units protect pump diaphragms against excessive pressure. Besides that FR-unit filters the air and prevents airline contaminants from reaching your pump, providing a longer lifetime for the pump internals. For every pump size Yamada offers a special selected filter regulator for optimal performance.



FR-1A

Pump series: NDP-5, 10, 15, G15
Dimensions: 238 x 47 x 69 mm
Air connection: 1/4"
Bowl material: Metal
Integrated gauge: YES
Filter (µm): 5
Net weight: 0,3 kg
Max. Flow Rate: 2.040 l/min
Auto Drain: YES
ATEX Conform: YES



FR-3A

Pump series: NDP-20, 25, 32, G25
Dimensions: 238 x 47 x 69 mm
Air connection: 3/8"
Bowl material: Metal
Integrated gauge: YES
Filter (µm): 5
Net weight: 0,3 kg
Max. Flow Rate: 2.040 l/min
Auto Drain: YES
ATEX Conform: YES



FR-4A

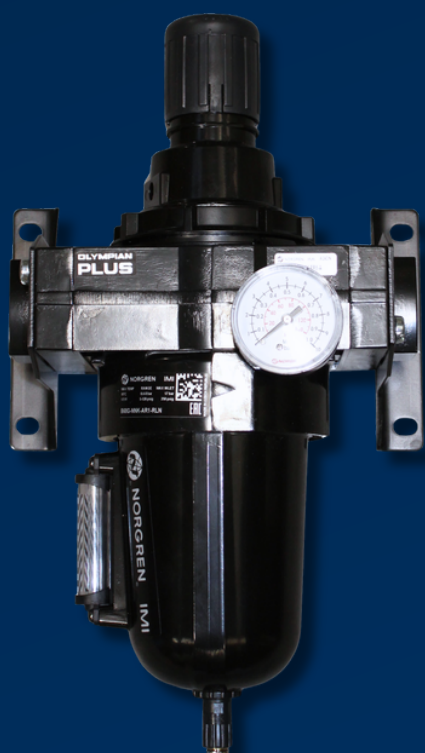
Pump series: NDP-40
Dimensions: 305 x 70 x 88 mm
Air connection: 1/2"
Bowl material: Metal
Integrated gauge: IYES
Filter (µm): 5
Net weight: 0,7 kg
Max. Flow Rate: 6.000 l/min
Auto Drain: YES
ATEX Conform: YES



FR-5A

Pump series: NDP-50(0), G50
Dimensions: 305 x 70 x 88 mm
Air connection: 3/4"
Bowl material: Metal
Integrated gauge: YES
Filter (µm): 5
Net weight: 0,7 kg
Max. Flow Rate: 6.000 l/min
Auto Drain: YES
ATEX Conform: YES





FR-6A

Pump series:	NDP-80
Dimensions:	347 x 190 x 150 mm
Air connection:	1"
Bowl material:	Metal
Integrated gauge:	YES
Filter (µm):	5
Net weight:	3,9 kg
Max. Flow Rate:	14.400 l/min
Auto Drain:	YES
ATEX Conform:	YES

Yamada AODD-pumps do not require lubrication, however for highly dry air applications all FR-units are available as **FRL-unit**. The FRL-unit provides additional lubrication to the pump.



FRL

ADVANTAGES

- particle removal to 5 micron
- "locking" pressure control
- mounting bracket
- sturdy design
- broad operation parameters
- balanced valve design
- precise pressure adjustment

