







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.

 II 2 GD Ex h IIC T6 Gb Ex h IIIC T85°C Db ATEX Certification No.: NORGREN 18.0001X	MODELS				
	FR-1A	FR-3A	FR-4A	FR-5A	FR-6A
					
Pump series	NDP-5, 10, 15, G15	NDP-20, 25, 32, G25	NDP-40	NDP-50	NDP-80
H x W x D mm	238x47x69	238x47x69	305x70x88	305x70x88	347x190x150
Air connection	1/4"	3/8"	1/2"	3/4"	1"
Bowl material	Metal	Metal	Metal	Metal	Metal
Integrated gauge	YES	YES	YES	YES	YES
Filter (µm)	5	5	5	5	5
Net Weight	0,3 KG	0,3 KG	0,7 KG	0,7 KG	3,9 KG
Max. Flow Rate	2.040 l/min	2.040 l/min	6.000 l/min	6.000 l/min	14.400 l/min
Auto Drain	YES	YES	YES	YES	YES
ATEX Conform	YES	YES	YES	YES	YES

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



ADVANTAGES

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

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