



Save Energy



## New Generation Air Preparation Equipment

Auto Drain standard

Full control

**Protecting your valuable investment at the end of your air lines has never been easier.**

Yamada® filter/regulators provide precise air inlet pressure control and prevent air line contaminants from reaching your pump.

Yamada offers a wide selection of filter/regulators which are specially selected for optimal performance.

These high quality and easy to install accessories are designed to provide years of trouble free use and operation. Special offshore stainless steel version available.



### Features

- ☐ **Broad operating parameters** – handles operating pressures from 0,3 Bar to 10 Bar and temperatures from -20°C to 65°C .
- ☐ **Precise pressure adjustment** – locking adjustment knob provides precise and secure pressure control and allows for infinitely variable flow rates.
- ☐ **Quick release bayonet bowl** – allows access to filter element with a quick 1/4-turn of the bowl.
- ☐ **Highly visible** – unique prismatic liquid level indicator lens.
- ☐ **Balanced valve design** – minimizes effect of variations in the inlet pressure on the outlet pressure.
- ☐ **Sturdy design** – standard Metal bowl
- ☐ **Mounting bracket** – standard for all units.
- ☐ **Automatic drain** – minimizes labor hours for cleaning and non function FR – unit due to filled bowl.
- ☐ **ATEX conform**



# Yamada

**SOPHISTICATED PUMP SOLUTIONS  
FOR GLOBAL CHALLENGES**

[www.yamada-europe.com](http://www.yamada-europe.com)

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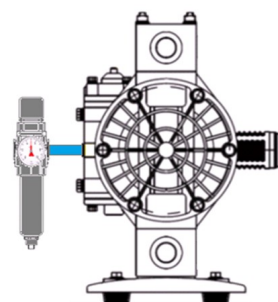
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## New generation air preparation equipment

### Filter Regulators

These new generation modular filter/regulators provide the precise pressure control you need to optimize pump performance and efficiency. They feature built-in moisture and particulate removal to 5 micron, analog pressure gauge, "locking" pressure control, automatic drain, mounting bracket and are ATEX conform with the provisions of: EC Directive 94/9/EC for use in explosive environments. Equipment group and category: II2G, II2DT80deg.C



	MODELS				
	FR-1A	FRL-1A	FR-3A*	FR-4A*	FR-5A*
					
<b>Pump series</b>	NDP-5, 10 & 15	DP-10/DP-15	NDP-20, 25 & 32	NDP-40	NDP-50 & 80
<b>Air connection</b>	1/4"	1/4"	3/8"	1/2"	3/4"
<b>Filter (µm)</b>	5	5	5	5	5
<b>Bowl material</b>	Metal	Metal	Metal	Metal	Metal
<b>Bowl capacity</b>	0,065 Liter	0,065 Liter	0,065 Liter	0,10 Liter	0,20 Liter
<b>H x W x D mm</b>	207 x 50 x 83	414 x 50 x 83	207 x 50 x 83	243 x 68 x 118	288 x 80 x 142
<b>Net Weight</b>	0,6 kg	0,9 kg	0,6 kg	0,8kg	1,3 kg
<b>Max Flow rate</b>	2.350 l/min	2.350 l/min	2.350 l/min	3.500 l/min	6.500 l/min
<b>Auto Drain</b>	YES	YES	YES	YES	YES
<b>ATEX Conform</b>	YES	YES	YES	YES	YES

**\* Yamada NDP series do not require lubrication. However for highly dry air applications all FR units are available as FRL unit.**

**For more info and data sheets, contact us.**

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