

Compressed air line moisture and contamination are two major causes of Air-Powered Double Diaphragm Pump reliability issues. Protecting your valuable investment at the end of your air lines has never been so easy. To eliminate the guesswork often associated with proper sizing and pump installation, Yamada offers a wide selection of “performance matched” 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.

### Filters/Regulators

These 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, **standard** manual drain, with **optional** automatic drain available. The automatic drain option is recommended for long term performance.

- **Broad Operating Parameters-** *Handles operating pressures from 7psig to 125psig and temperatures from 40 to 140°F .*
- **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.*
- **High Visibility Bowl Guard-** *Unique liquid level indicator allows monitoring up to 30ft away and 20 angles.*
- **Embedded Pressure Gauge**
- **Optional Modular Mounting-** *Port flanges allow for conventional or modular installation/removal.*



MODEL	FR-1	FRL-2*	FR-3	FR-4	FR-5
<b>Pump Type</b>	NDP-5, 15 & 20	DP-10/DP-15	NDP-25	NDP-40	NDP-50 & 80
<b>Air Inlet</b>	1/4"	1/4"	3/8"	1/2"	3/4"
<b>Filter (µm)</b>	5	5	5	5	5
<b>Bowl Material</b>	Poly Bowl	Poly Bowl	Poly Bowl	Poly Bowl	Poly Bowl
<b>Bowl Capacity</b>	.9 OZ	1.9 OZ	2.0 OZ	6.0 OZ	6.0 OZ
<b>Dimensions (IN.)</b>	6.48 x 1.57 x 1.34	6.48 x 3.54 x 1.57	8.31 x 2.09 x 1.57	10.33 x 2.76 x 2.13	10.51 x 2.95 x 2.13
<b>Net Weight (LBS)</b>	0.79	1.46	1.23	2.54	2.67
<b>Max Flow Rate (SCFM)</b>	20	65	90	120	225
<b>Auto Drain option</b>	FR-1A	FRL-2A	FR-3A	FR-4A	FR-5A

\*\*\*L\*\* designates lubrication oil bottle included—The DP-10 & DP-15 Series are the ONLY Yamada Pumps which may require lube-Consult Yamada.

# The Proof's in the Pump

CALL TOLL FREE 800.990.7867

Yamada America, Inc  
 955 East Algonquin Rd  
 Arlington Heights, IL 60005  
 Phone: 847.631.9200  
 Fax: 847.631.9273  
 www.yamadapump.com  
 sales@yamadapump.com