

# 1191/1190FP In-Out Heads

## 1191 In-Out Head



**Order Number: D1400**

The 1191/1190FP 1" In-Out Heads are designed for downflow filter applications or upflow pH neutralization.

Molded out of a rugged thermoplastic resin, the 1191 Head features a 1/4" FPT air vent port which can be drilled out to accept an air relief valve. The 1" Head is fully ported to provide maximum flow rates. The 1191 incorporates a standard 2 1/2" tank connection and features parallel inlet and outlet ports to easily adapt to standard plumbing connections or Clack's all-plastic, four-way bypass valve. A full line of fitting plumbing connection kits are available.

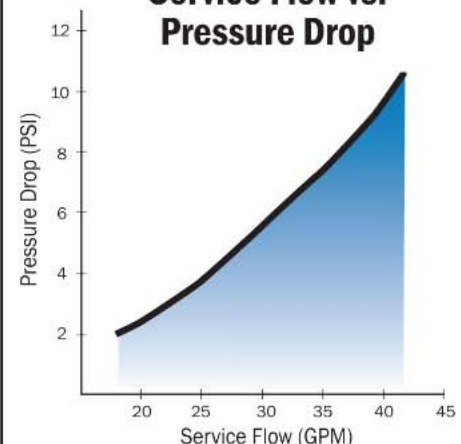
The 1190FP Head has a removable fill port cap to allow easy access to the media bed. The 1190FP includes a removable upper distributor basket providing access to the top of the riser pipe, allowing water to be drained from the tank when replacing media. The 1190FP includes a utility wrench to be used with the removable cap. A full line of top and bottom distributors is available.

## 1190FP In-Out Head with Fill Port



**Order Number: D1220-01**

### Service Flow vs. Pressure Drop



ORDER NO.	DESCRIPTION	QTY/ CARTON
D1400	1191 In-Out Head	24
D1220-01	1190FP In-Out Head w/ Fill Port (includes wrench)	12

# 1191/1190FP Accessories

## Typical Installations:



**1191 In-Out Head shown with optional  
V3006 Bypass Assembly  
and V3007-01 3/4" x 1" PVC  
Solvent Elbow Assembly**

ORDER NO.	DESCRIPTION	QTY/ CARTON
V3006	Bypass Assembly	24
V3007	1" PVC Male NPT Elbow Assembly	24 sets
V3007-01	3/4" x 1" PVC Solvent Elbow Assembly	24 sets
V3007-02	1" Brass Sweat Assembly	24 sets
V3007-03	3/4" Brass Sweat Assembly	24 sets
V3007-04	1" Plastic Male NPT Assembly	24 sets
V3007-05	1.25" Plastic Male NPT Assembly	24 sets
V3007-06	1" Plastic Male BSPT Assembly	24 sets
V3007-07	1.25" & 1.5" PVC Solvent Assembly	24 sets
V3007-08	1.25" Plastic Male BSPT Assembly	24 sets
V3007-09	1.25" & 1.5" Brass Sweat Assembly	24 sets
V3007-12	3/4" SharkBite® Assembly	24 sets
V3007-13	1" SharkBite® Assembly	24 sets
V3007-14	3/4" Plastic Male BSPT Assembly	24 sets
V3191-01	Vertical 90° Adapter Kit	24 sets
V3193-02	Wrench	Bulk



**1191 In-Out Head shown with optional  
V3191-01 Vertical 90° Adapter Kit,  
V3006 Bypass Assembly  
and V3007-13 1" SharkBite® Fittings**

**Note:** On upflow service the bypass will give two-way function capabilities (service and bypass). The red bypass handles also need to be reversed to indicate proper service flow direction.