

# 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 ¼" 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 2½" 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.

\*Note: Riser pipe port is sized for a 1.050" O.D. pipe.

**Operating Pressures:**  
20-125 psi / 138-862 kPa

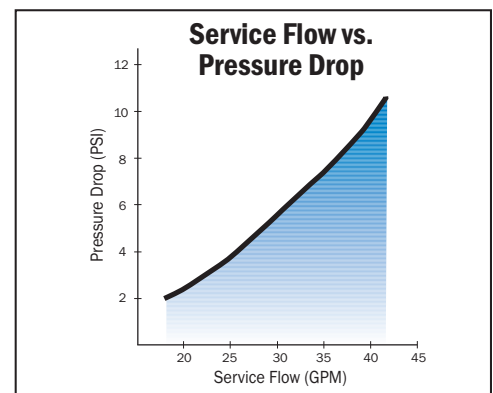
**Temperature Ranges:**  
40-110°F / 4-43°C

**Install only on cold water supplies**

## 1190FP In-Out Head with Fill Port



**Order Number: D1220-01**



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**



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

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
V3007-02LF	1" Brass Sweat Assembly LF	24 sets
V3007-03LF	3/4" Brass Sweat Assembly LF	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
V3007-09LF	1.25" & 1.5" Brass Sweat Assembly LF	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
V3007-15	3/4" John Guest QC Elbow Assembly	24 sets
V3191-01	Vertical 90° Adapter Kit	24 sets
V3193-02	Wrench	Bulk

**Operating Pressures: 20-125 psi / 138-862 kPa**

**Temperature Ranges: 40-110°F / 4-43°C**

**Install only on cold water supplies**

**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.



This product is Tested and Certified by NSF International against NSF/ANSI 44 for material and structural integrity requirements and NSF/ANSI Standard 61 for material requirements. Certified to NSF/ANSI 372.