

### 3 YEAR WARRANTY

DIG CORPORATION warrants these products to be free from defects in material and workmanship for a period of three years from date of purchase. This warranty does not cover damage resulting from accident, misuse, neglect, modification, improper installation or subjection to line pressure in excess of 120 PSI. This warranty shall extend only to the original purchaser of the product for use by the purchaser. This warranty shall not cover any malfunction of the product due to high pressure above 120 PSI. The obligation of DIG CORPORATION under this warranty is limited to repairing or replacing at its factory this product which shall be returned to the factory within two years after the original purchase and which on examination is found to contain defects in material and workmanship.

DIG CORPORATION SHALL IN NO EVENT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND; THE SOLE OBLIGATION OF DIG BEING LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Unattended use for prolonged periods without inspection to verify proper operation is beyond the intended use of this product, and any damage resulting from such use shall not be the responsibility of DIG CORPORATION. There are no warranties which extend beyond the description on the face hereof. In the case of purchase of the product for use other than, for irrigation purposes, DIG CORPORATION hereby disclaims any implied warranties including any warranties of merchantability and fitness for a particular purpose. In the case of the purchase of the product for personal, family or household purposes, DIG CORPORATION disclaims any such warranties to the extent permitted by law. To the extent that any such disclaimer or implied warranties shall be ineffectual, then any implied warranties shall be limited in duration to a period of one year from the date of the original purchase for use by the purchaser. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

In order to obtain performance under this warranty, the unit must be returned to the factory, along with proof of purchase indicating original date of purchase, shipping prepaid, addressed as follows:

DIG CORPORATION, 1210 Activity Drive, Vista, CA 92081. Repaired or replaced units will be shipped prepaid to the name and address supplied with the unit returned under warranty. Allow four weeks for repairs and shipping time. Repair of damaged units not otherwise within warranty may be refused or done at a reasonable cost or charge at the option of DIG CORPORATION.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

1.800.322.9146 FAX: 760.727.0282



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Vista, CA 92081 USA

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## INSTALLATION INSTRUCTIONS



### PN2MPT HEAVY-DUTY 2" FILTER

For residential, commercial and nursery applications.

#### FEATURES

- Special locking ring enables easy opening of the filter without the use of tools
- Wide range of filtration degrees for various applications
- Large filter area and low friction loss allows long intervals between cleaning
- Greater filtration capacity for effective protection of the irrigation system
- All-purpose filter with a wide range of stainless-steel screens from 80 to 180 microns
- Easy maintenance - the screen can be extracted from the filter for cleaning
- Access point on the inlet and outlet side for pressure measurement test
- Constructed of UV-resistant, durable plastic material to withstand the most adverse conditions

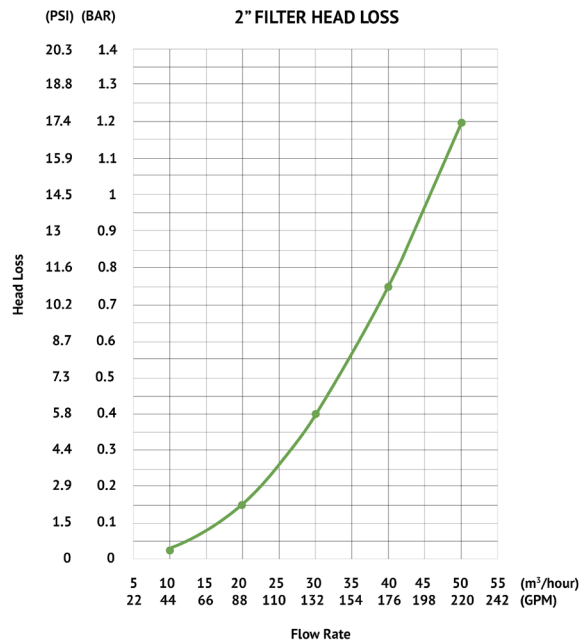
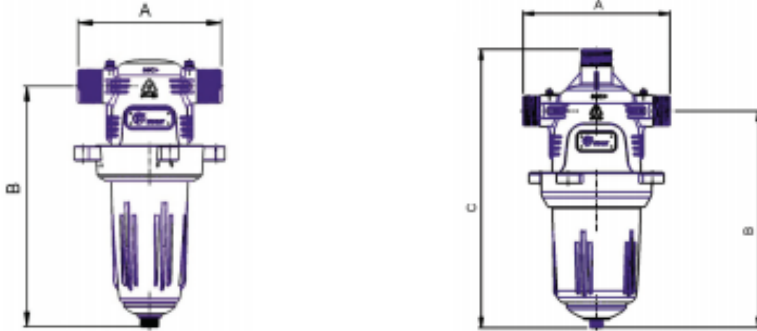
#### SPECIFICATIONS

- Flow rates: up to 110 GPM (25 m<sup>3</sup>/h)
- Screen filtration area: 147 in<sup>2</sup> (950 m<sup>2</sup>)
- Operating pressure: up to 150 PSI (10 BAR)
- Temperature range: up to 140°F (60°C)
- Stainless-steel screens from 120 to 200 mesh
- Available with a manual drain valve located at the bottom of the filter, and with two pressure testing port
- Inlet and outlet size: 2" MNPT (50 mm)
- Filter weight 10 lb (4.6 kg)
- Filter dimensions:
  - Thread to thread: 11" (28 cm)
  - Height of thread to bottom: 17.5" (45 cm)
  - T-filter: Height of thread to bottom: 22.8" (58 cm)

### Filter Materials:

- Housing and cover: PP and GF
- Locking ring: PA and GF
- O-ring: EPDM
- Screen spine: PP and stainless steel
- Pressure testing port: polypropylene
- Pressure testing seals: natural rubber BR How

Size	2"	
	inch	mm
A	11.0	280
B	17.7	420
C	22.8	530

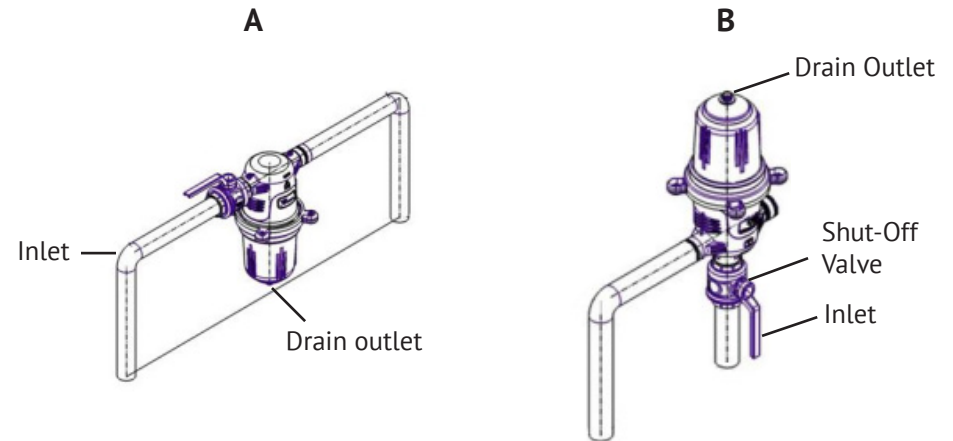


### INSTALLATION AND OPERATION

- By reversing the filter body direction a disc element can be substituted for the screen element.
- Use Teflon tape on the inlet and outlet thread connection.
- Water inlet is clearly marked by arrow. Make sure to install the filter according to the inlet/outlet direction. (see Figures A & B)
- If more than one filter is installed, leave sufficient space between units to facilitate maintenance.
- Normal working conditions are obtained when head loss is less than 4 PSI (0.25 BAR) with a clean screen or disc element.
- If head loss exceeds 8-10 PSI (0.55 - 0.68 BAR), filter is either partially clogged or operating under an excessive flow rate.
- Maximum operational pressure should not exceed 120 PSI (8 BAR).
- Verify head loss by inserting pressure gauge with needle into pressure testing ports, (A and B) assembled on top of the filter body inlet and outlet. If threaded pressure gauge is used, remove cap from port A and B, thread on the blue adapters (C), then thread on the pressure gauge.

#### WARNING: If water flow is in the wrong direction, filter element can be damaged.

- Use Teflon tape on the inlet and outlet threads.
- Do not overtighten when connecting the filter to the pipes.
- Install a shut-off valve before the filter to enable easy cleaning.
- It is recommended to install a drain valve at the filter's 3/4" drain outlet.



### PERIODIC CLEANING

- Periodic service can be accomplished by unscrewing the cover, removing the screen or disc and rinsing under water.
- Clean the filter and check the disc or screen elements when head loss reaches 8-10 PSI (0.55 - 0.68 BAR) or on completion of the irrigation cycle.

#### STEPS:

1. Close the ball valve at the filter inlet.
2. Open the 3/4" drain cap to release pressure.
3. Unscrew the cover counter clockwise. Remove the disc or screen elements and rinse thoroughly.
4. Verify that the disc or screen elements are undamaged.
5. Verify that the O-ring is in position.
6. Assemble the screen or disc elements and screw the cover back on.