

# MANUAL AIR RELIEF REPLACEMENT KIT

## INSTALLATION INSTRUCTIONS

**MODEL #NS  
FNS  
INS**

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### WARNING

**THIS MANUAL CONTAINS CRITICAL SAFETY INFORMATION WHICH MUST BE FURNISHED TO THE END USER. FAILURE TO READ AND FOLLOW INSTRUCTIONS COULD RESULT IN SERIOUS PERSONAL INJURY AND/OR MAJOR PROPERTY DAMAGE.**

### WARNING

**THIS KIT MUST ONLY BE INSTALLED ON FILTERS THAT HAVE BAND CLAMPS WITH SPRING TENSIONING DEVICES. IF YOUR FILTER IS NOT EQUIPPED WITH SPRING TENSIONING DEVICES ON THE BAND CLAMPS, CONTACT YOUR LOCAL PACFAB DEALER AND ORDER P/N 18-1010 FOR FNS (FIBERGLASS) AND INS (POLY-MERIC) FILTERS OR P/N 18-1011 FOR NS (STAINLESS STEEL) FILTERS.**

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1. Remove contents from this kit and check against parts list at end of instruction sheet.
  2. Cut off pump and release system pressure by opening Manual Air Bleed Vent.

### WARNING

**System pressure must be FULLY Released prior to attempting disassembly of filter. Releasing tank clamps with pressure on system will cause top to blow off, potentially causing severe injury or major property damage!**

3. Remove tank top. Refer to appropriate Installation, Operation, and Service Manual sections for removal procedure.
4. Remove filter cloth element by pulling it free from the Air Relief Securing Nut (Item #9).
5. Remove securing nut from Air Relief by holding Air Relief body while turning securing nut with tool P/N 15-1603. An alternate method is to grasp the valve body and turn it counter-clockwise to loosen the body from the nut. The nut can then be removed by hand.

### CAUTION

**Failure to reinstall the spacers and o-rings in the correct orientation and order can allow leakage which could cause property damage.**

6. Remove any Air Relief spacers noting their location and orientation while pulling Air Relief from tank top.
7. Inspect all Air Relief to tank o-rings (Item #6) for damage and replace if damage is noted.
8. Inspect and clean all o-ring sealing surfaces with a wet cloth.

9. Lightly lubricate all Air Relief to tank o-rings and place them in appropriate o-ring grooves.
10. Install replacement body assembly into tank top with appropriate spacers and tighten Air Relief Securing nut with tool P/N 15-1603 while holding Air Relief Body securely. An alternate method of tightening the body is to tighten the nut hand tight and then rotate the body clockwise to tighten.
11. Reassemble tank top. Refer to appropriate Installation, Operation and Service Manual sections for top reassembly.
12. Follow recommended initial start up instructions as noted on your Filter Manufacturer's Installation, Operation and Service Manual. Pay attention to all warning notes and notices.

ITEM	PART NO.	DESCRIPTION	QTY.
1	27-3501	CAP	1
2	27-3506	BLEEDER SCREW	1
3	27-3513	O-RING	1
4	27-3555	BODY, MACHINED, GREY	1
5	15-5050	PRESSURE GAUGE	1
6	15-4492	O-RING	2
7	27-3502	TOP SPACER	1
8	27-3505	BOTTOM SPACER	1
9	19-4908	SECURING NUT	1
10	27-3537	INSTRUCTIONS	1

