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AIRSTAR®
DENTAL AIR SYSTEM

Installation Instructions for Filter Kit PN 86395

Contents

Part No.	Description	Quantity
87169	Hose; 3/8" I.D., 3/8" MNPT X 3/8" MNPT Swivel	1
87186	PCONN Nipple Close, 3/8" MNPT	1
87168	Filter Assembly, 3/8"	1
58017R-1	PCONN Reducing Bushing 1/2" MNPT X 3/8" FNPT	1
31929	PCONN Reducing Coupling 1/2" FNPT X 3/8" FNPT	1

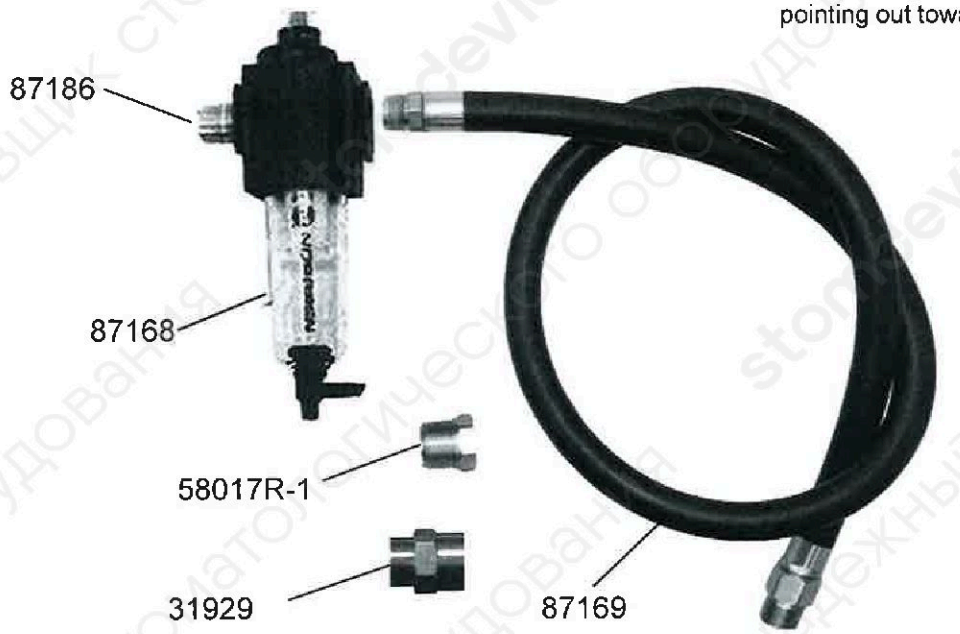
Note: Use pipe sealant or Teflon tape on all NPT connections.

1. Screw Pconn Nipple (87186) into inlet port of filter.

Note: Make sure to remove the filter bowl before installing the filter body.

2. Remove the bowl of the filter assembly (87168) and place to the side for later installation.
3. Screw filter assembly (87168) into outlet of 1/4 turn valve in tank outlet.
4. Install the bowl to the filter assembly (87168).
5. Screw Hose (87169) into outlet port of filter.
6. Depending on the operatory pipe connection type (FNPT or MNPT), perform either step a. or step b. to connect the corresponding reducing bushing.
   a. If operatory connection is 1/2" FNPT, connect the 1/2" reducing bushing (58017R-1).
   b. If operatory connection is 1/2" MNPT, connect the 1/2" reducing bushing (31929).
7. Connect the swivel end of hose (87169) to the associated PCONN (58017R-1 or 31929) installed by step 6 above.

Note: Make sure to install the filter with arrow pointing out towards the hose assembly.

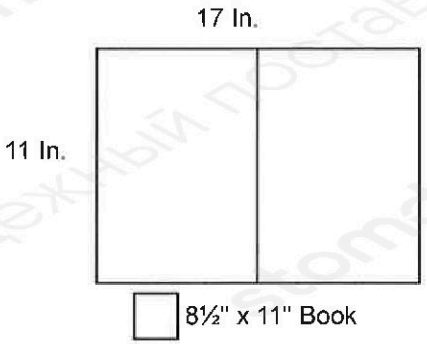


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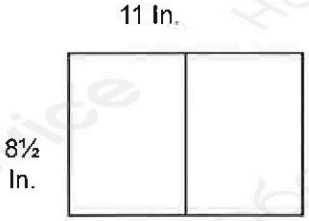
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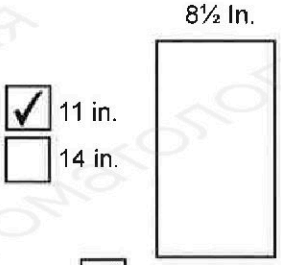
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☐ 8½" x 11" Book

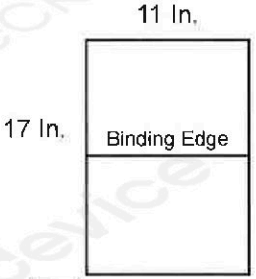


☐ 8½" x 5½" Book



☑ 11 in.
☐ 14 in.

☑ Print Single Side
☐ Print Double Side



☐ No Hole Punch
☐ 3-Hole @ Binding Edge

DATE	REV	REVISION RECORD	AUTH	DWN	CK
10/18	H	ECO 85-1373	SFJr	RER	

Comments:

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Application File Type:

☑ In Design ☐ Quark XPress
☑ PDF (for viewing) ☐ MS Word
☐ CorelDraw ☐ WordPerfect

Air Techniques Storage Location:

Stored by document part number in one of the network release drive directories checked below.

☐ Manuals ☑ Instructions

Finished Document Print Requirements

Doc size: 8.5 X 11 1 page Sheet

Total sheets: 1 11 x 8.5 sheet

Paper requirements	Weight	Brightness	Finish
☑ Standard	24lb	98	Mat
☐ Custom			

Print Black & White

Additional Options:

☐ Print in Color
☐ Card Stock
☐ Saddle Stitch / Fold (Staple Binding).
☐ UV Coat Both Sides
☐ Laminate
☐ 3-Hole Binding
☐ Single hole punch left corner front side
☐ Spiral Bound Booklets
☐ Wire-O Booklets (Metal Coil Binding)

Artwork print file provided by Air Techniques

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Never print scanned copies from the (engscan network drive).

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DRAWN: RER

MATERIAL: SEE RQMTS

FINISH: SEE RQMTS

TITLE: **AirStar Filter Kit Installation Instructions**

DATE	SIZE	PART NO.	REV
10/17/18	A	86394	H

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