

Installation Instructions

IMPORTANT: Read these instructions completely before attempting to install the accessory outdoor air filter.

PACKAGE CONTENTS

ITEM	QUANTITY	
	CRODAFLT001A00 and CRODAFLT002A00	CRODAFLT003A00
Aluminum Filter	1	2
Filter Bracket	2	4
Screws	4	8

PACKAGE USAGE


UNIT 48/50PD, 48/50PG 03-07	PART NUMBER
08-14 and 16 with Manual Outside Air Damper	CRODAFLT001A00
16 with Economizer or Two-Position Damper	CRODAFLT002A00
	CRODAFLT003A00

SAFETY CONSIDERATIONS

Installation and servicing of air-conditioning equipment can be hazardous due to system pressure and electrical components. Only trained and qualified service personnel should install, repair, or service air-conditioning equipment.

When working on equipment, observe precautions in the literature, tags and labels attached to the unit, and other safety precautions that may apply.

Follow all safety codes. Wear safety glasses and work gloves.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies a hazard which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

GENERAL

The accessory cleanable outdoor air damper filter can be used with the economizer, two-position damper, or manual air damper when additional filtration of the outdoor air is required.

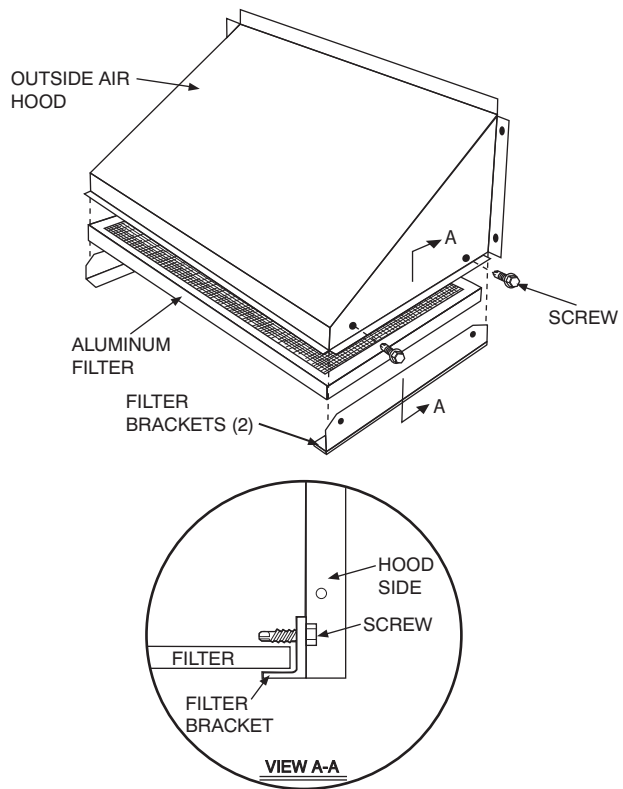
NOTE: The accessory filter increases the external static pressure. The added static pressure must be included when calculating system requirements. (See Table 1.)

**Table 1 – Accessory Outdoor Air Filter
Pressure Drop**

ACCESSORY PART NO.	AIRFLOW (cfm)	VELOCITY (fpm)	STATIC PRESSURE LOSS (in. wg)
CRODAFLT001A00	800	240	0.033
	1200	360	0.043
	1600	485	0.067
	2000	605	0.114
CRODAFLT002A00	3000	620	0.114
	4000	825	0.200
	5000	1030	0.310
CRODAFLT003A00	5000	785	0.150
	5500	855	0.180
	6000	930	0.210

INSTALLATION

1. Install one filter bracket to the side of the outside air hood with the screws provided. Screw holes are pre-punched in the side of the hood. (See Fig. 1.)
2. Slide aluminum filter into place.
3. Install the second filter bracket using the screws provided.
4. For size 16 units with economizer or two-position dampers, repeat Steps 1 to 3 for the second outside air hood.
5. Periodically remove and clean the aluminum filter(s).



FILTER PKG P/N	FILTER SIZE (in.)
CRODAFLT001A00	28 ¹ / ₂ x 16 ³ / ₄
CRODAFLT002A00	35 x 20
CRODAFLT003A00	20 ⁷ / ₁₆ x 24 ⁵ / ₈

Fig. 1 - Outdoor Air Installation

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