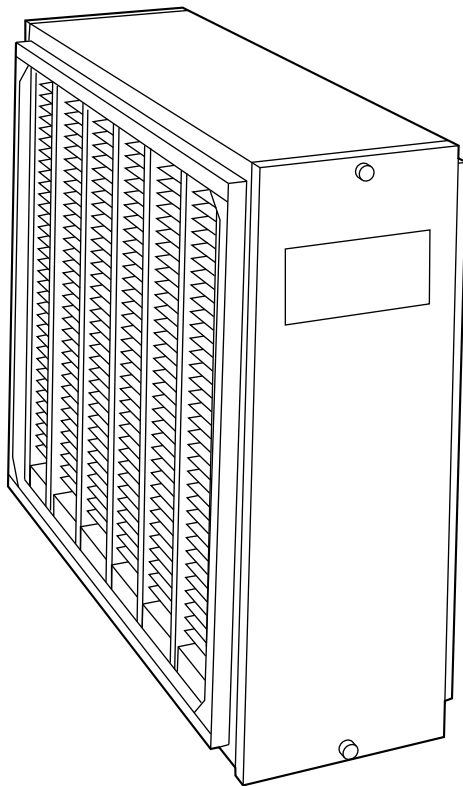




HIGH-EFFICIENCY MECHANICAL AIR CLEANER

Model 902B

600–2000 cfm



The Model 902B High-Efficiency Mechanical Air Cleaner is designed for residential and light commercial forced-air heating and/or cooling systems.

The Model 902B air cleaner cleans the air of dust, pollen, and smoke which helps keep homes cleaner and fresher longer—meaning less housework.

FEATURES/BENEFITS

LARGE DUST HOLDING CAPACITY—This unit incorporates 78 sq ft of glass microfiber filter media into a unique cabinet design—furnishing 1 of the largest dust-holding capacities available in high-efficiency residential air cleaners today.

The exceptionally large surface area traps dust, pollen, molds, tobacco smoke, grease, soot, bacteria, and animal dander to provide cleaner, fresher air that is free of airborne pollutants and irritants regardless of the season.

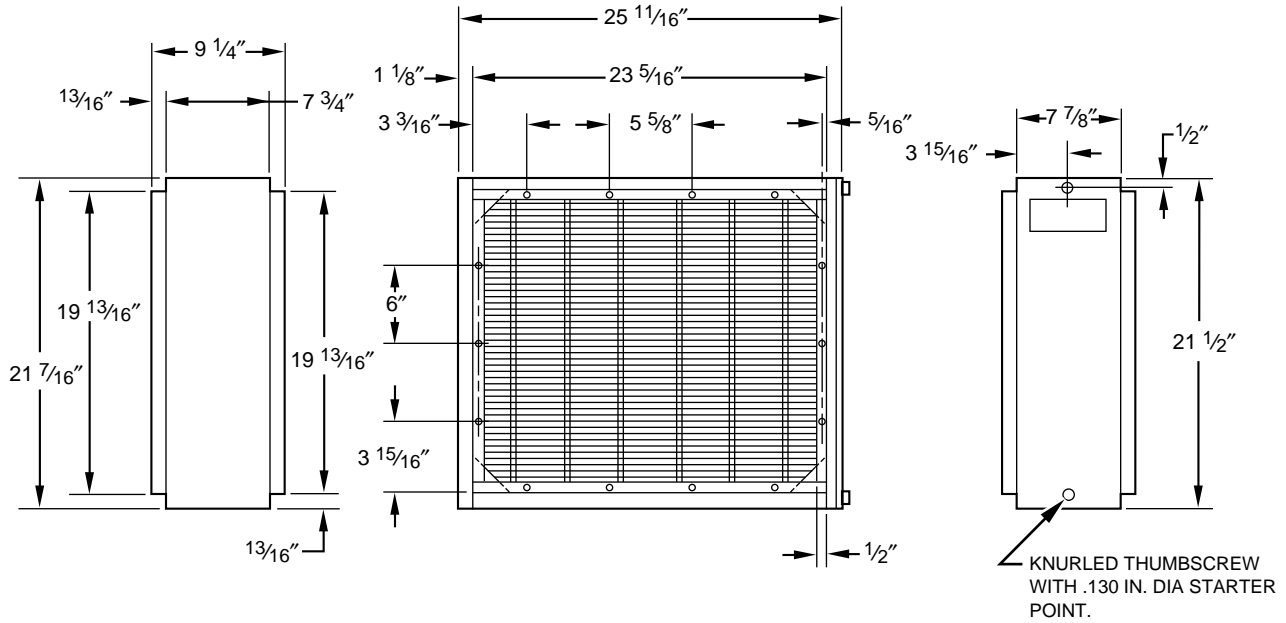
HIGH ARRESTANCE—The 902B filters out and traps 97 percent by weight of ASHRAE test dust having particles ranging from 0.01 micron to 2500 micron in size.

LOW PRESSURE DROP—This air cleaner is designed to maintain a low pressure drop to avoid interference with proper operation of heating and cooling systems. The unit is ideal for use in heat pump applications.

TROUBLE-FREE INSTALLATION—Built-in flanges simplify installation. No electricity is required.

NEARLY MAINTENANCE FREE OPERATION WITH A MEDIA CONDITION INDICATOR—The only maintenance required is that of replacing the air cleaner media. A media condition indicator lets you know when this is required.

DIMENSIONS



A90295

SPECIFICATIONS

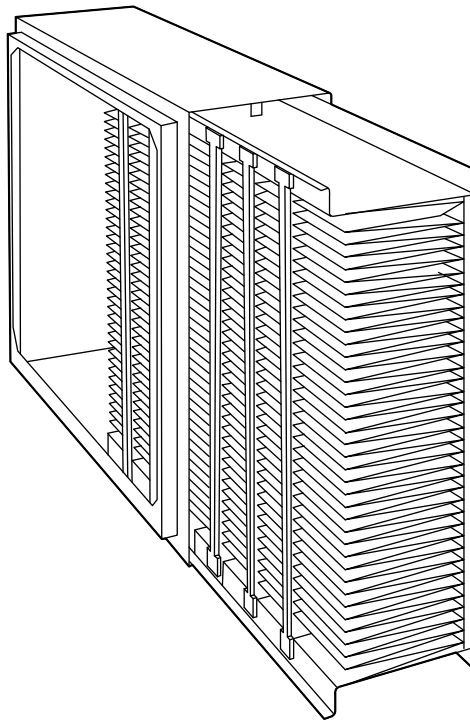
MODEL	902B
PERFORMANCE DATA	
Airflow	600–2000 CFM
Dust Capacity	135 g to 0.05 in.
Arrestance (average)*	97%
Atmospheric Dust Spot Efficiency (average)*	75%
Duct Opening—Inlet Flange	19-3/4 in. x 24 in.
Outlet Flange	19-3/4 in. x 23-1/4 in.
Filter Area	78 sq ft
Filter Media	Glass Microfiber
Shipping Weight	28 lb

* at 800 CFM.

RESISTANCE AT VARIOUS AIRFLOWS

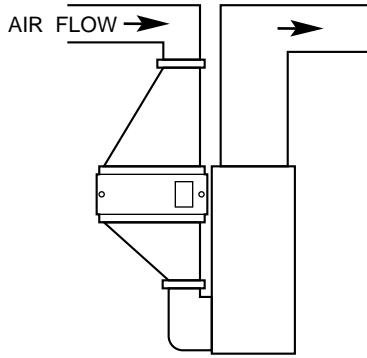
MODEL 902B	
CFM	RESISTANCE (in. wc)
600	0.03
800	0.05
1000	0.07
1200	0.10
1400	0.13
1600	0.16
1800	0.20
2000	0.24

MEDIA FRAME POSITIONING

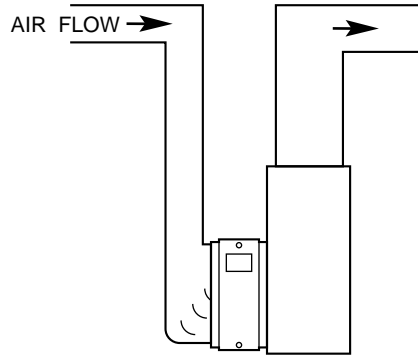


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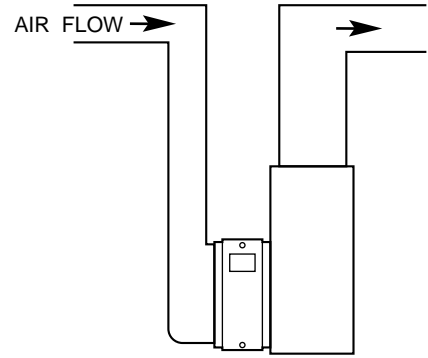
TYPICAL APPLICATIONS



FURNACE WITH
TRANSITION



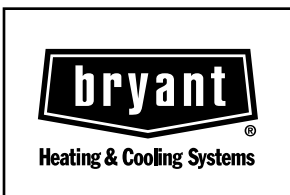
FURNACE WITH
TURNING VANES



FURNACE NO
TRANSITION

Typical Upflow Furnace Installations

A90294



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

UNIT MUST BE INSTALLED IN ACCORDANCE
WITH INSTALLATION INSTRUCTIONS

Cancels: PDS 902B.20.1B