

HAF-517 - 75 CFM CHARCOAL FILTER

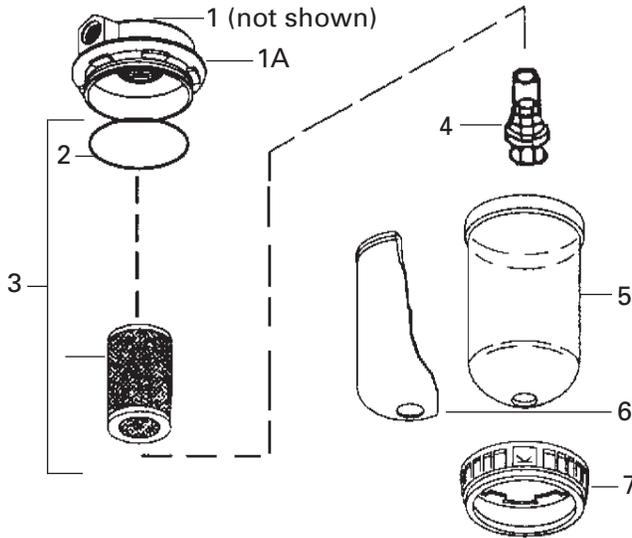


Figure 1 - HAF-517, 75 CFM Charcoal Filter

PARTS LIST

Ref No. Part No.	Replacement	Description	Ind. Parts Req.
1	HAF-404	Filter Change Indicator (not shown)	1
1A	—	Body	1
2	—	O-Ring	1
3	HAF-36	Filter and O-Ring Kit	1
4	HAF-11	Manual Drain	1
5	HAF-8	Plastic Bowl	1
6	HAF-19	Metal Bowl Guard	1
7	HAF-409	Clamp Ring	1

SPECIFICATIONS

Air Filter:

Air Inlet	1/2" NPT(F)
Air Outlet	1/2" NPT(F)
Air Flow Capacity	75 CFM @ 100 PSI
Maximum Inlet Pressure	150 PSIG (10.3 Bar)
Maximum Operating Pressure	150 PSIG (10.3 Bar)
Maximum Temperature	150° F (65.6°C)
Aerosol Filter	0.003 ppm/wt.
Particulate Filter	3.0 micron

IMPORTANT: Read and follow all **INSTRUCTIONS** and **SAFETY PRECAUTIONS** before installing, operating or maintaining this equipment. Keep this manual for future reference.



Risk of explosion or fire.
Improper use can cause personal injury.

- This product is designed and intended for use in industrial compressed air systems only. Do not use for liquids or gasses other than air.
- Do not use where pressure or temperature can exceed rated operating conditions (see specifications).
- Regulated outlet pressure must never be set higher than the maximum operating pressure of the downstream air tool or equipment. An outlet pressure gauge should always be used.



Risk of injury. Do not place unit in service without metal bowl guard installed. Filter units are sold only with metal bowl guards. To minimize the danger of flying fragments in the event of plastic bowl failure, guard must not be removed. If the unit is in service without the metal bowl guard installed, manufacturer's warranties are void and the manufacturer assumes no responsibility for any resulting loss. If unit has been in service and does not have a metal bowl guard, order one and install before placing back in service.



Certain compressor oils, cleaning agents and solvents may attack the plastic and rubber components used in the construction of this product. This product should not be used in conjunction with or in the vicinity of these materials. Read and follow material labels carefully. Please consult DeVilbiss if in doubt.

DESCRIPTION

This 75 CFM filter is designed to remove oil vapor, hydrocarbons and odors from a compressed air system. It includes a .003 ppm/wt. aerosol filter element and manual drain.

INSTALLATION

1. Be sure to read all **"Warnings"** and **"Cautions"** in this manual and on the unit before installation or using this equipment.
2. Install filter as close as possible to point where air is being used. Install main air shut-off valve and standard pipe union (supplied by user) upstream of filter to allow maintenance to unit.
3. An appropriate coalescing filter must be located upstream of the charcoal filter. Failure to do so will result in the element becoming quickly saturated and ineffective. We recommend a DeVilbiss HAF-505 or HAF-515 Coalescing Filter.
4. Install unit with air flow through filter in direction of arrow on top of unit.
5. Minimum 3/4" piping is recommended. Longer pipe size will be required for high flow rates. Avoid using fittings, couplings, etc. that restrict air flow.
6. Mount filter in a vertical position.
7. Do not install filter in an application where the pressure drop will exceed 20 psi. For example, a quick opening valve located upstream from the filter could cause a momentary pressure drop in excess of 20 psi.
8. Maximum inlet pressure and operating temperature is: 150 PSIG (10.3 bar) and 150° F (65.6° C).

ACCESSORY

HAF-407 Bracket Assembly Kit – Used with HAF-502, HFRL-508, HAF-505, HAF-517, HAF-518 and 13-0041 (HAF-500).

WARRANTY

This product is covered by DeVilbiss' 1 Year Limited Warranty.

DeVilbiss Sales and Service: www.devilbiss.com

DeVilbiss

DeVilbiss has authorized distributors throughout the world. For technical assistance or the distributor nearest you, see listing below.

U.S.A./Canada Customer Service Office:

195 Internationale Blvd., Glendale Heights, IL 60139
Toll-Free Telephone: 1-800-992-4657 (U.S.A. and Canada only)
Toll-Free Fax: 1-888-246-5732

OPERATION

After the unit is installed and ready to use;

1. Attach air hose(s) to appropriate outlets (ball valve not included).
2. Open main shut off valve upstream of filter.
3. Open appropriate ball valves or attach hoses to supplied air respirator and/or air tools.
4. After use, shut off ball valve(s) and bleed off residual air in hoses.

Note

The filter change indicator only operates when air is flowing. It will always be green when there is no flow.

MAINTENANCE



WARNING

Risk of injury. Components under pressure. Relieve air pressure before performing maintenance.

1. Before performing maintenance on unit, close main shut-off valve located upstream of filter. Bleed off residual air in unit.
2. To open filter, press button located on clamp ring and rotate ring either clockwise or counterclockwise while pulling down on ring. The metal bowl guard and plastic bowl can then be removed from the filter head.
3. Frequency of element replacement will depend upon air quality, temperature, air usage and condition of the air piping. It is recommended to change the element when it no longer removes odors or when the red indicator is visible. Remove the filter element by loosening counterclockwise.
4. Inspect o-ring for damage. Replace if necessary.
5. Inspect plastic bowl for signs of damage such as cracks, crazing or deterioration. Replace if necessary. See **"Caution"** above.
6. Before placing unit back into service, make sure plastic bowl and metal bowl guard are properly installed and securely locked in place.

DeVilbiss Automotive Refinishing

DeVilbiss has authorized distributors throughout the world. For equipment, parts and service, check the Yellow Pages under "Automotive Body Shop Equipment and Supplies." For technical assistance, see listing below.

U.S.A./Canada Customer Service Office:

11360 S. Airfield Road, Swanton, OH 43558
Toll-Free Telephone: 1-800-445-3988 (U.S.A. and Canada only)
Toll-Free Fax: 1-800-445-6643

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