

AIRFORCE COMMANDERS SERIES



ALL MODELS ARE: *Sturdy All Steel; 12 foot 3 Conductor Cord; Unit Size / Weight: 12" x 7" x 8", 8 lbs.*

ACCESSORIES: *6 FT. Flexible Hose w/Air flow Control, Air Concentrator, Air Flare, & Groomer Rake.*

1.17 Peak HP Motor: *6.5 Amps; 780 Watts; 82 CFM*

1.7 Peak HP Motor: *7.5 Amps; 900 Watts; 95 CFM*

4.0 Peak HP Motor: *10 Amps; 1,200 Watts; 126 CFM*

Different models and what they come with:

AFTD-1B (114-142775): BLUE Two Speed; 1.17 Peak H.P. Floor/Table Power Unit.

AFTD-1K (114-142744): PINK Two Speed; 1.17 Peak H.P. Floor/Table Power Unit.

AFTD-1L (114-115007): ORANGE Two Speed; 1.17 Peak H.P. Floor/Table Power Unit.

AFTD-1P (114-142836): PURPLE Two Speed; 1.17 Peak H.P. Floor/Table Power Unit.

AFTD-1V (114-142386): ORANGE Variable Speed; 1.17 Peak H.P. Floor/Table Power Unit.

AFTD-1VB (114-142898): BLUE Variable Speed; 1.17 Peak H.P. Floor/Table Power Unit.

AFTD-1VK (114-142867): PINK Variable Speed; 1.17 Peak H.P. Floor/Table Power Unit.

AFTD-1VP (114-142959): PURPLE Variable Speed; 1.17 Peak H.P. Floor/Table Power Unit.

AFTD-2B (114-142782): BLUE Two Speed; 1.7 Peak H.P. Floor/Table Power Unit.

AFTD-2K (114-142751): PINK Two Speed; 1.7 Peak H.P. Floor/Table Power Unit.

AFTD-2L (114-144977): ORANGE Two Speed; 1.7 Peak H.P. Floor/Table Power Unit.

AFTD-2P (114-142843): PURPLE Two Speed; 1.7 Peak H.P. Floor/Table Power Unit.

AFTD-2V (114-142393): ORANGE Variable Speed; 1.7 Peak H.P. Floor/Table Power Unit.

AFTD-2VB (114-142904): BLUE Variable Speed; 1.7 Peak H.P. Floor/Table Power Unit.

AFTD-2VK (114-142874): PINK Variable Speed; 1.7 Peak H.P. Floor/Table Power Unit.

AFTD-2VP (114-142966): PURPLE Variable Speed; 1.7 Peak H.P. Floor/Table Power Unit.

AFTD-3B (114-142799): BLUE Two Speed; 4.0 Peak H.P. Floor/Table Power Unit.
AFTD-3K (114-142768): PINK Two Speed; 4.0 Peak H.P. Floor/Table Power Unit.
AFTD-3L (114-115014): ORANGE Two Speed; 4.0 Peak H.P. Floor/Table Power Unit.
AFTD-3P (114-142850): PURPLE Two Speed; 4.0 Peak H.P. Floor/Table Power Unit.

AFTD-3V (114-142409): ORANGE Variable Speed Dryer; 4.0 Peak H.P. Floor/Table Power Unit.
AFTD-3VB (114-142911): BLUE Variable Speed Dryer; 4.0 Peak H.P. Floor/Table Power Unit.
AFTD-3VK (114-142881): PINK Variable Speed Dryer; 4.0 Peak H.P. Floor/Table Power Unit.
AFTD-3VP (114-142973): PURPLE Variable Speed Dryer; 4.0 Peak H.P. Floor/Table Power Unit. (*Model pictured.*)

INSTRUCTIONS (Instructions are general for all AFTD models. Some of the below information may not pertain to your specific model):

- Insert the grounded Power Supply Cord into a grounded outlet.
 - **IMPORTANT: PRODUCT MUST BE GROUNDED.**
 - **WARNING: INPROPER CONNECTION OF THE EQUIPMENT GROUNDING CONDUCTOR CAN RESULT IN A RISK OF ELECTRIC SHOCK!**
- When the use of the Hose is desired, connect to the Hose Connection by sliding on.
- Start the blower:
 - **2-Speed:** Push the On/Off Switch to the left or right depending on speed desired.
 - **PLEASE NOTE: USING THE AFTD TWO SPEED DRYER EXTENSIVELY ON LOW SPEED CAN CAUSE UNEVEN CARBON BRUSH WEAR**
 - **Variable:** Turn knob from low, clockwise to high.
- Attach or remove the attachments to or from the hose to control the air velocity.

GROUNDING INSTRUCTIONS

This appliance must be grounded. If the machine should malfunction or breakdown, grounding provides a path of least resistance for electric current and reduces the risk of electric shock. This appliance is equipped with a cord having an equipment grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

EXTENSIONS CORDS

Use only three-wire outdoor extension cords that have three-prong grounding receptacles that accept the appliance's plug. Replace or repair damaged cords.

Avoid Dangerous Environment – Do Not Use appliances in damp or wet locations.

Do Not Use in Rain. Use of rubber gloves and footwear is recommended when working outdoors.

Keep Away from Children. All people not operating the machine should be kept at a safe distance from the work area.

To Avoid Risk of Injury, use only attachments supplied by MetroVac specifically for this appliance.

Never Carry Appliance by Cord. Do not yank cord from the receptacle. Keep cord away from heat, oil, and sharp edges.

Store Idle Appliances Indoors. When not in use, appliances should be stored indoors in dry, high, or a locked-up place out of reach of children.

ADDITIONAL PARTS FOR PURCHASE (the below items are available for purchase on our website www.MetroVac.com; use the provided product # in the search):

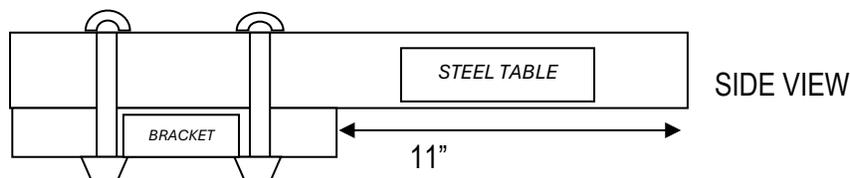
- Foam Filters – MVC-56F
- Hoses:
 - 6' Standard Flexible Hose – MVC-202A
 - Deluxe 6.5' Heavy-duty Flexible Hose – AFTM-211
- Carbon Brushes:
 - Carbon Brushes for AFTD-1 & AFTD-3 machines: ABC-3
 - Carbon Brushes for AFTD-2: ABC-2
 - Carbon Brushes 220V machines ABC-6/220V
- Switches:
 - 2 Speed Switch – MVC-80
 - 110-120 Volt Variable Switch – MVC-46A-OHM
 - 220-240 Volt Variable Switch – MVC-46B-OHM
- AirForce Mounting Bracket – AFBR-1
- Rubber Blower Nozzle – MVC-196AB
- Air Concentrator – MVC-196AA
- "AirFlare" Utility Nozzle – MVC-195AB
- Groomers Rake/Massager - MVC-186
- 3 – Piece Handle – MVC-47
- Sealing Gasket – MVC-155A
- Motors:
 - 1.17 HP Single Fan Motor – MVC-157B (**AFTD – 1**)
 - 220V Motor – MVC-157C (**AFTD-1**)
 - 1.7 HP Twin Fan Motor – MVC-157L (**AFTD-2**)
 - 220V Motor – MVC-157K (**AFTD-2**)
 - 4.0 HP Single Fan Motor – MVC-157E (**AFTD-3**)
 - 220V Motor – MVC-157F (**AFTD-3**)
 - Motor Gasket – MVC – 135

Air Force Mounting Bracket Instructions (bracket sold separately: AFBR-1):

PLEASE FOLLOW THE DIRECTIONS CAREFULLY TO MOUNT THE BRACKET PROPERLY.

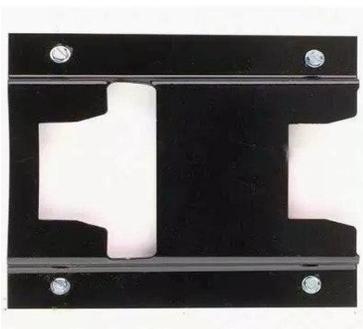
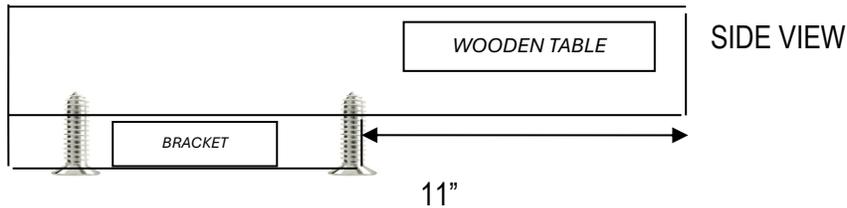
FOR STEEL GROOMING TABLES:

1. Place Bracket 11" from end of the table and ½" from the front of the table.
2. Mark 4 holes where indicated.
3. With A ¼" drill bit and electric drill create ¼" holes.
4. Mount bracket with the screws and nuts supplied for steel grooming tables.
5. After the Mounting plate has been secured and tightened, place blower on mounting plate and slide dryer (see illustration) until legs lock into place.
6. After dryer is locked into place, screw into threaded hole on side of the bracket to avoid movement of the dryer as a result of vibration.



FOR WOODEN GROOMING TABLES:

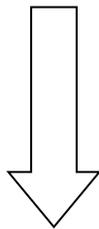
1. Place bracket 11" from end of the table and 1/2" from the front of the table.
2. Mark 4 holes where indicated.
3. Attach bracket with 4 self-tapping wood screws.
4. Follow steps 5 & 6 as described above.



BOTTOM VIEW

TO MOUNT ON WALL

1. Place Air Force Mounting Bracket on the wall where desired with open portion of bracket in upright position.
2. With bracket as template, mark 4 holes where indicated.
3. With a Phillips head screwdriver or "punch" create holes in sheetrock.
4. Attach bracket with 4 self-tapping wood screws and mollies (supplied).
5. After the mounting plate has been secured and tightened, place blower on mounting plate and slide dryer (see illustration) until legs lock into place.
6. When the dryer is locked into place screw into threaded hole on side of the bracket to avoid movement of the dryer as a result of vibration.





IT IS VERY IMPORTANT TO MAKE SURE THAT THE MOUNTING BRACKET IS SECURE AND CAN HANDLE THE WEIGHT AND PULLING THAT MIGHT OCCUR DURING THE NORMAL USAGE OF THIS PRODUCT. METRO WILL NOT BE RESPONSIBLE FOR DRYERS THAT ARE DAMAGED AS A RESULT OF IMPROPER BRACKET MOUNTING.

Replacing carbon brushes (ABC-14 or ABC-2: see additional parts list above; should be changed after about 500 hours of use):

1. Remove front endcap.
2. Find wire going to carbon brush and use flathead screwdriver to loosen tab.
3. Use Philips screwdriver to remove carbon brush mounting bracket.
4. Install tab into new carbon brush and replace mounting bracket.

Replacing / Cleaning Filter (Filter MVC-56F):

1. Remove baffle end cap.
2. Take out the filter and replace it with new or shake out.
 - a. You can rinse the filter and reuse, BUT IT MUST BE COMPLETELY DRY BEFORE PUTTING BACK INTO THE MACHINE.
 - b. Replace it with a new filter after 3 rinses.
3. Put filter back into the baffle.
4. Screw baffle endcap back onto the machine.

WARRANTY:

This machine carries a Five Year Limited* Warranty.

The Five-Year Warranty includes the unit and the motor.*

There is also a **One Year Warranty*** on Parts, Switches, and Cords.

This warranty covers any defects in materials or workmanship, including installation, with the exceptions stated below:

MetroVac will repair or replace any defective or malfunctioning part at no charge. If the machine is not repairable, it will be replaced.

*Mechanical alterations made to the machine will void the warranty.

*Warranty does not cover carbon brushes, carbon brush wear, filters, or general maintenance.

*The warranty does not cover physical damage made to the machine from tampering with or attempting to take the appliance apart, improper electrical connections, or water damage.

*Customer is responsible for shipping charges to and from our facility.

Even if the product is beyond the warranty period, we suggest you send the unit back to our factory for expert repairs and maintenance at reasonable rates. Please click the following link to access our Repairs and Maintenance form

WARNING: To reduce the risk of fire, electric shock, or injury Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.

Do not allow it to be used as a toy. Close attention is necessary when used by or near children.

Use only as described in this manual. Use only manufacturer's recommended attachments.

Do not use it with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.

Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.

Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

Do not handle plug or appliance with wet hands.

Do not put any object into the openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.

Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.

Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.

Do not use without dustbag and/or filters in place.

Turn off controls before unplugging.

Use extra care when cleaning on stairs.

Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.

To avoid electric shock, do not use it on wet surfaces, do not expose to rain; store indoors.

To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other).

This plug will fit into an outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

For a grounded appliance: "Connect to a properly grounded outlet only. See Grounding Instructions."

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