



# AECR

## Remote Feed Air Eraser with Quart Container

### OPERATING INSTRUCTIONS AND REPLACEMENT PARTS

**WARNING:** Read instructions for proper care in handling and operation. Use in Well Ventilated Area to remove or trap dust. AE & AEX Compounds for External use **Only!** Paasche abrasives are listed as nuisance dusts. Consult the product label and Material Safety Data Sheet supplied for the material being sprayed. Secure air and material hoses wrench tight for safety and to prevent leaks.  
**MAXIMUM AIR PRESSURE 50 P.S.I.**

#### INTRODUCTION:

**AECR** Remote Feed Air Eraser with Quart Cup offers greater freedom of movement through use of a larger abrasive compound container which feeds abrasive by hose to the **AECR** Eraser. The large container allows the operator to work longer between refills.

The **AECR** Eraser is used by:

- Dental professionals to improve aesthetics of castings or obtain occlusal relationship analysis of gold castings.
- Hobbyists to etch decorative glass or quartz.
- Museums and Manufacturers to clean antique jewelry and fine parts.
- Lithographer to highlight halftones and erase defects without marring the surface or leaving a smudge.

The **AECR** Eraser can be used with the following abrasives:

- **AEX-** Fast Cutting Compound
- **AE-** Medium Cutting Compound
- **SSO-** Slow Cutting Compound

The most popular **AEX-** Compound has a particle size from 85 to 25 Microns, with an average 50 Microns.

#### OPERATION:

1. Connect A-1/8-6MT Air Hose Assembly (#13) as follows:
  - a. Small coupling nut (#14) to valve casing (#5).
  - b. Large coupling nut (#19) to Air Supply.
2. Connect **AE-52** Hose Assembly to **AE-51** Cover Assembly. Make sure all connections are secure.
  - a. Small coupling nut (#23) to valve casing (#24).
  - b. Large coupling nut (#28) to outlet casing (#29).
  - c. The opposite end of the **AE-52** Hose Assembly should be attached to the **AECR** Eraser.
3. Fill **20SCC** Quart Cup (#30) with **clean dry abrasive** up to the fill line, as marked on illustration (page 2).
  - a. Make sure Gasket (#26) is properly placed in cover. Screw cover tightly back onto cup.
  - b. To prevent leakage, **do not** spill any abrasive on gasket or cup threads during assembly.

4. Regulate air pressure from 30 to 50 lbs. depending on the speed and abrasive action desired. The higher the pressure the faster the cutting action. **Do Not Exceed** 50 lbs. Air Pressure.
5. Hold **AECR** Remote Feed Air Eraser between thumb and index finger, similar to holding a pencil.
  - a. Move the Eraser over work surface, with the Tip (#7) about 1/8" to 1/2" from surface.
  - b. For fast aggressive work, use **AEX-** Abrasive at high pressure (50 lbs. Maximum).

#### IMPORTANT ADJUSTMENTS:

If **AECR** Eraser should become clogged check the following:

1. Turn off air pressure, unscrew cover from cup, and remove compound from cup. Then screw cover on cup. Turn air on at low volume.
2. Remove Tip (#7), clean tip by blasting it with air.
3. Blow air through shell (#4) and **AE-52** Hose Assembly to make sure they are clear.
4. If all of the above items are clear, turn off air pressure and remove cover. Refill container and replace cover then turn on air at source and continue working.

**AECR** Remote Feed Eraser comes complete with the following:

- **AECR** Eraser
- **A-1/8-6MT** Air Hose W/MT Moisture Trap
- **AE-52** Hose Assembly
- **AE-51** Cover Assembly
- **AE-59** Gasket
- **7-GN** Gasket
- **20SCC** Quart Cup

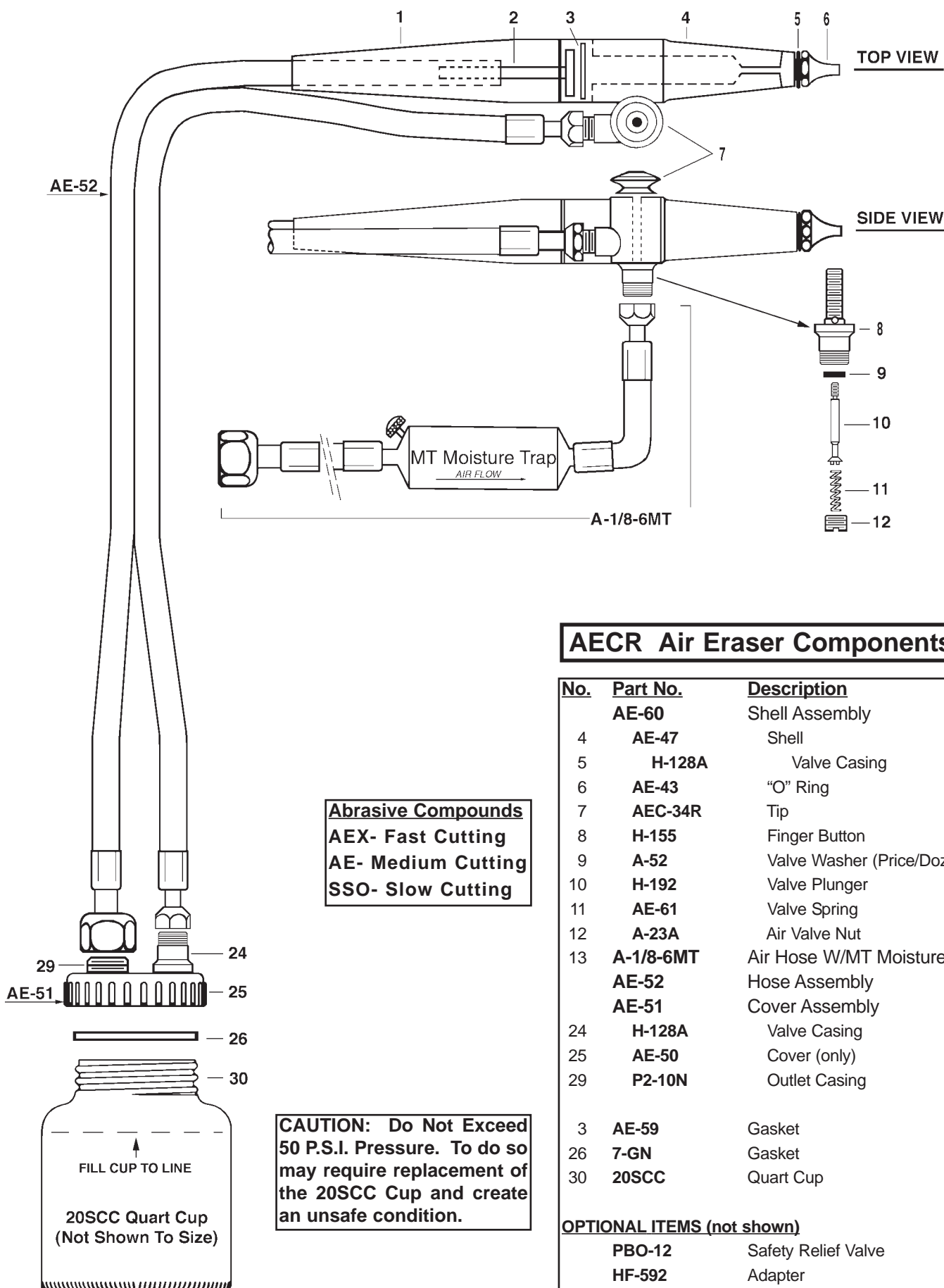
#### OPTIONAL ITEMS:

- **PBO-12** Safety Relief Valve
- **HF-592** Adapter
- **HF-33** Couplers (2)
- **R-75AR**

**NOTE:** Parts are subject to wear due to nature of material being used.

#### AVAILABLE COMPRESSORS

**D200R** Air Compressor 1/6 HP, 110V., 60 Hz, 1.5 AMP., 7CFM@ 20 psi. Delivers 30 to 40 psi operating pressure.



**AECR Air Eraser Components**

No.	Part No.	Description
	<b>AE-60</b>	Shell Assembly
4	<b>AE-47</b>	Shell
5	<b>H-128A</b>	Valve Casing
6	<b>AE-43</b>	"O" Ring
7	<b>AEC-34R</b>	Tip
8	<b>H-155</b>	Finger Button
9	<b>A-52</b>	Valve Washer (Price/Doz.)
10	<b>H-192</b>	Valve Plunger
11	<b>AE-61</b>	Valve Spring
12	<b>A-23A</b>	Air Valve Nut
13	<b>A-1/8-6MT</b>	Air Hose W/MT Moisture Trap
	<b>AE-52</b>	Hose Assembly
	<b>AE-51</b>	Cover Assembly
24	<b>H-128A</b>	Valve Casing
25	<b>AE-50</b>	Cover (only)
29	<b>P2-10N</b>	Outlet Casing
3	<b>AE-59</b>	Gasket
26	<b>7-GN</b>	Gasket
30	<b>20SCC</b>	Quart Cup
<b>OPTIONAL ITEMS (not shown)</b>		
	<b>PBO-12</b>	Safety Relief Valve
	<b>HF-592</b>	Adapter
	<b>HF-33</b>	Coupler (2)
	<b>R-75</b>	Regulator & Filter W/Gauge