

PREPARATION

Note: Item numbers given below refer to the parts listing on page 6.

1. Check for transportation or handling damage.
2. Lay the carton on its side and wheel the unit out. Do not stand it back up until Step 9.
2. Make sure all parts and accessories are included.
3. Remove all packing material.
4. Remove the Vacuum Head Assembly and the Debris Container.
5. Remove the two items stored underneath the Debris Container during shipping: Tubular Handle, Gun+Head Assembly.
6. Install the Tubular Handle with the nuts and screws provided (see picture on Page 6).
7. Remove the Hose Assembly from the bag and insert the Abrasive Hose (the smaller of the two hoses), which protrudes past the Vacuum Hose, through the hole at the back of the unit. Connect it to the air outlet underneath the base of the unit.
8. Connect the Vacuum Hose to the connecting outlet on the container. Stand the unit back up.
9. Pour 20-40 LB (11-18 kg) of abrasive through the strainer at the bottom into the Abrasive Container underneath. It is not necessary to remove the strainer.
10. Connect the Vacuum Hose and Abrasive Hose to the Blast Head and the Air Line to the Blast Gun. Use the white clamp provided for the Abrasive Hose.
11. Re-insert the Debris Container.
12. Re-install the Vacuum Head and clamp in position.
13. When ready to operate, connect the Power Cord and turn on the Power Switch.

NOTES ON USE AND OPERATION

1. Use Air Pressure between 75 and 100 PSI depending on the surface to be cleaned.
2. Air Volume should be between 8 to 22 CFM (optimum: 16-20 CFM).
3. Use one hand to hold the Blast Gun and the other to hold the Blast Head as shown below.
4. Do not press downwards - the brush's function is to reduce the escape of abrasive and to maintain a vacuum for the efficient recycling of the abrasive.
5. Move both hands in the same direction.
6. The blast area may be varied by lengthening or shortening the nozzle with the Lock Bolt (Item 30, Page 6).
7. **Careful placement of the brush over the area to be cleaned is very important.** The bristles should be spread out so that the abrasive spray inside does not impact the bristles. This precaution will preserve the bristles, improve the vacuum effect, create better coverage and ultimately result in better savings, safety and results.
8. The flat 1-1/4" brush (Part No. 27-611) is supplied with the unit. Four additional specialty brushes are available. The same precautions should be followed when using these brushes.
9. When working on a 90° corner, align the gun at a 45° angle to reach the deepest area. Move the gun in a slow rotating motion for the best results.



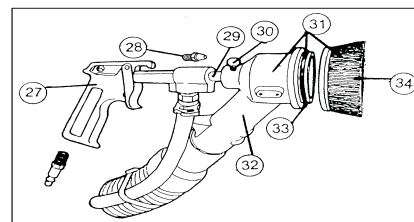
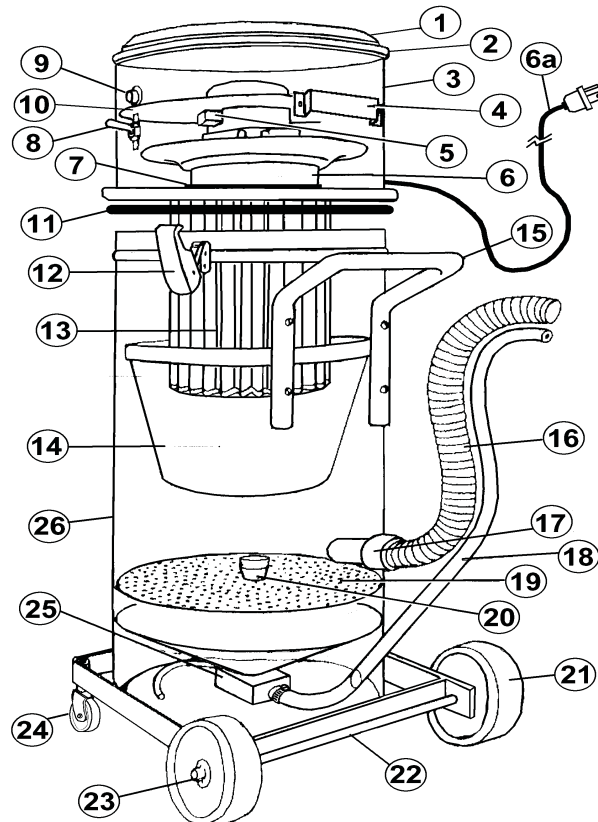
**FILTER PART NO.
27-180 STANDARD
27-172 HEPA**

REPLACEMENT PARTS

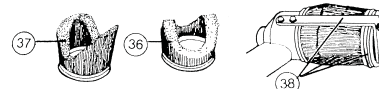
ITEM	PART NO.	DESCRIPTION
1	Z9852	Moulding, Head Cover
2	20-101-Y	Head Cover
3	27-100S	Vac Head Assy, Complete, 120V
4	110-313	Pull Handle
5	27-129*	Motor Brush
6	KIT-26123	Vac Motor Kit, 1350W, 120V
6.1	KIT-26127	Vac Motor Kit, 1350W, 240V
6.2	KIT-26125	Vac Motor Kit, 1350W, 100V
6a	27-151	Valve Stem Assy for U5047
7	27-103	Gasket Motor Mount
8	27-131	Power Switch 120V
8.1	27-132	Power Switch 240V
9	27-141	Neon Lamp 100-120V
9.1	27-142	Neon Lamp 220V
10	27-112	Thermal Separator Plate
11	27-193	Vacuum Head Seal Gasket
12	27-218	Rim Clamp
13	27-180	Filter, Regular
13.1	27-172	HEPA Filter
14	25-215	Debris Container
15	27-217	Tubular Handle
16	27-710	Vacuum Hose Assy (8)
16.1	27-712	Vacuum Hose Assy (10 FT)
16+18	27-700	Complete Hose Assembly, 8'
17	27-721	Hose End Cuff, 1.5"
18	27-731	Abrasive Feeder Hose (8 FT)
18.1	27-732	Abrasive Feeder Hose (10 FT)
19	27-231	Abrasive Screen
20	Z123	Abrasive Screen Knob
21	11-161	Wheel, 6" Heavy Duty Industrial
22	27-381	Axle Shaft 1/2" x 18" ZP
23	27-384	Wheel Cap, High Impact, 1/2" Axle
24	27-378	Swivel Caster, 2" Wheel
25	20-250	Impeller Assembly
26	20-210-Y	Body Tube Assembly
27	U5047	Blast Gun Assembly
27+31	27-500	Blast Gun+Head (U5047+27-570)
28	51-252	Air Jet, 1/8" ID for Blast Guns
29	52-055	Steel Blast Nozzle
29.1	52-020	Ceramic Blast Nozzle
29.2	52-010	Carbide Blast Nozzle
30	27-513	Lock Bolt, 1/4" x 1/2"

ITEM	PART NO.	DESCRIPTION
31	27-570	Blast Head incl. Brush (27-611)
32	27-571	Blast Head without Brush
33	27-512	O Ring, D330
34	27-611	Flat Brush 1-1/4", Standard
34.1	27-612	Flat Brush 1-3/4", Optional
36	27-621	Inside Corner Brush (90° Male)
37	27-631	Outside Corner Brush (90° Female)
38	27-650	Brush and Holder (for thin edges)
	27-914	Abrasive, #60, 25 LB Pail
	51-270	Valve Stem Assy for U5047

* For units purchased before 2005-12, call before ordering



**GUN + HEAD
ASSEMBLY
27-500**



**OPTIONAL
BRUSHES**