

Congratulations on the purchase of your new Dynabrade Model 64657 Downdraft Sanding Table!

Your Dynabrade Sanding Table should give you many years of service with just a few minutes of maintenance on a regular basis. The simple and robust design of this machine allows a minimum of maintenance to keep it in excellent running condition. The motor(s) in your table have sealed bearings that require no grease. The blowers are direct drive units that have no belts to wear out. The blowers are aluminum and the volutes (blower inlet cones) are made from aluminum or fiberglass to prevent sparking should the cone drag the blowers (very unlikely in normal use). Your table has been designed with excess filter area (up to 70% more than some competitive units) in order to provide better performance and require less frequent cleaning. Much consideration has gone into the design and manufacture of your new sanding table to ensure that you have years of trouble free service.



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Important

- Before operating your downdraft table, please take a few minutes to read this booklet. Your table comes wired to the starter switch from our factory according to the voltage ordered. Take a minute to double check the motor(s) and make sure they are correctly wired to meet your voltage requirements.
- If you have purchased a three phase unit, your electrician must have run conduit and wire to the switch boxes or starters provided, and correctly connected the motor. Proper wiring that meets all code requirements in your area is of the utmost importance, and should be done by qualified electricians only.

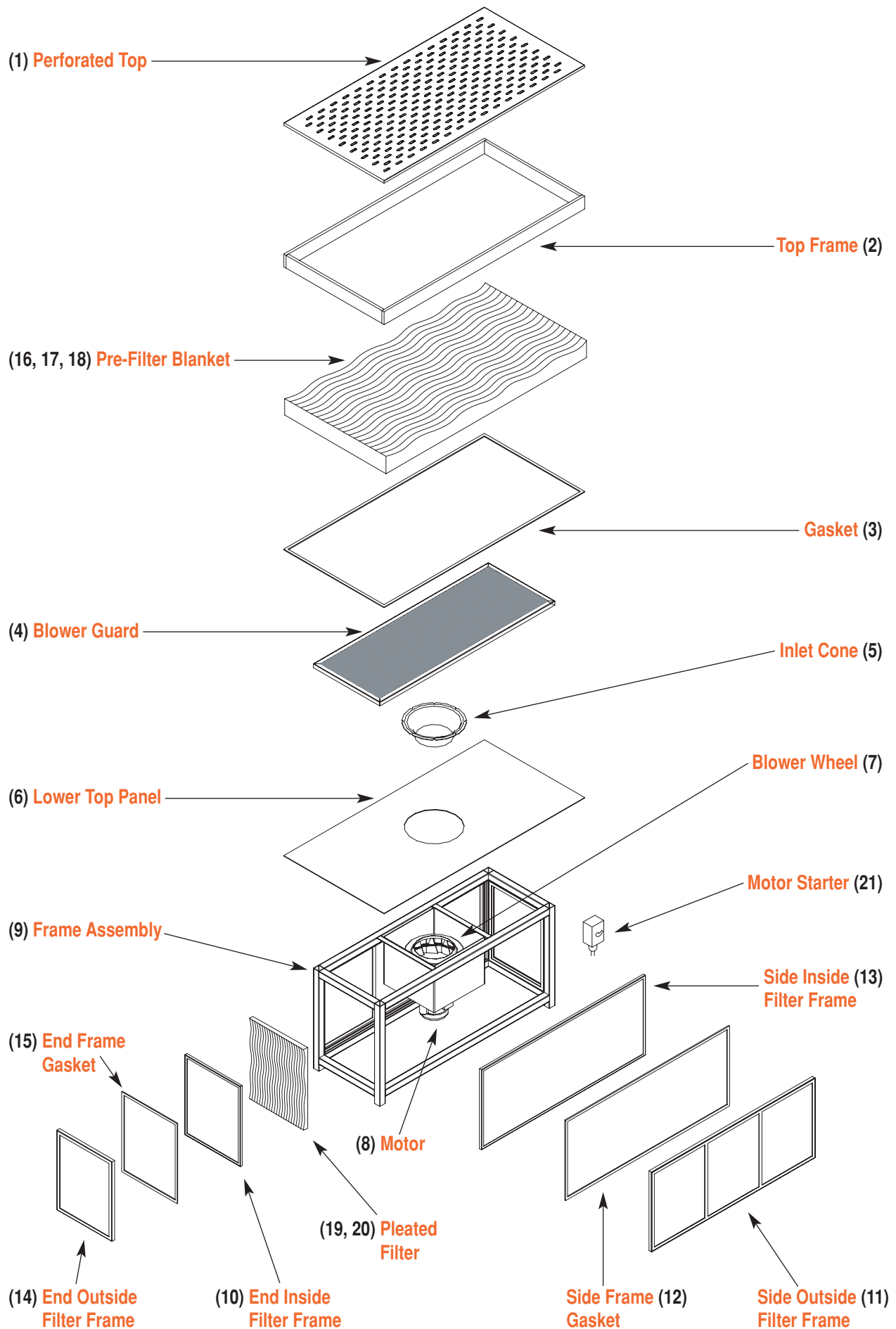
Before starting your new table, you should perform the following procedure to ensure a safe start up.

- A-** Raise the top and remove the upper filter media (non-woven polyester pad in most cases) “Bump” the motor starter or switch to **momentarily** run the motor. Be sure that the blower wheel is turning in a **CLOCKWISE** direction as viewed from above. If the blower is turning the wrong way, the table will seem to operate but will have little suction. Incorrect rotation may be corrected by changing the wiring configuration. Schematics are printed on the motors on single-phase units. On the three phase units, your electrician can easily reverse the direction of rotation by changing the phase wires. **NOTE that 125-volt models use a NEMA standard 20-amp plug, which requires a 115-volt, 20-amp receptacle and service. DO NOT confuse with a 220-volt plug!!!**
- B-** In rare cases, an inlet cone may drag the blower wheel and require adjustment to clear the wheel because of movement in shipping. ***Make sure that the unit is unplugged or properly locked out before proceeding!*** To adjust, remove the expanded metal guard (some models will require removal of holding screws). Loosen the inlet cone screws and adjust the inlet cone position until it does not drag the blower. There should be approximately the same gap all the way around the blower. After seeing that all is clear and the blower spins freely, reassemble in reverse order.
- C-** Check all the filter frame turn buttons to be sure all the frames are secure and in place.
- D-** Ensure that the machine is properly leveled, and your machine will be ready for operation.
- E- Never** lift top while machine is running!!!
- F- Never** service machine without first disconnecting or locking out the electrical power!!!

Machine Operation and Useful Tips:

Downdraft tables are designed to collect the fine dust generated while performing jobs such as sanding with an orbital sander. To our knowledge, there is no machine that is 100% effective, but by paying attention to some simple pointers you can enjoy a cleaner and much healthier work area. We have listed below some useful tips to help you get the best results from your new machine.

- A-** Clean filters as needed to keep the machine performing at its best. Cleaning may be done by vacuuming the filters or by shaking out the dust. In addition, for the shop with a central dust system, you can easily build a box into which the filters will fit (dirty side in) and hook it up to the central system with a 4-inch line and blast gate. You may then use an air hose to blow the dust out of the filters into the central system. Whichever method you choose, regularly cleaned filters are necessary for optimum performance.
- B-** When sanding, keep the work piece as close as possible to the top of the table. The downdraft table is designed to pull dust away from your breathing zone. By keeping the work piece close to the top, the machine will capture more of the dust. If you must sand large or irregular parts, which require you to work higher off the table surface, you might consider our Hi Capacity units and/or side curtains.
- C-** Never use an air hose to blow off the item being sanded. A brush or vacuum hose will do the job without stirring up the dust.
- D-** When sanding pieces that tend to slide around, use the provided non-skid mat. This will keep small pieces in place and provide scratch protection for product that has finish on them. You can re-order by calling Dynabrade at 716-631-0100, or order from the distributor you purchased your table from.
- E-** You may keep your machine running even when you are not actively using it for sanding. The large volume of air it moves and filters will improve the overall air quality in your shop area.



Downdraft Table Parts List

Index No.	Part Name	Part Number	Quantity Required
1	Perforated Top	—	1
2	Top Frame	64971	1
3	Top Gasket	64972	1
4	Blower Guard	64973	1
5	Inlet Cone	64974	1 or 2
6	Lower Top Panel	64975	1
7	Blower Wheel	64976	1 or 2
8	Motor	—	1 or 2
9	Frame Assembly	64978	1
10	Side Inside Filter Frame	64979	2
11	Side Outside Filter Frame	64980	2
12	Side Filter Frame Gasket	64981	1
13	End Inside Filter Frame	64982	2
14	End Outside Filter Frame	64983	2
15	End Filter Frame Gasket	64984	1
16	Pre-Filter Blanket 48" x 48"	64985	1
17	Pre-Filter Blanket 36" x 72"	64986	1
18	Pre-Filter Blanket 48" x 96"	64987	1
19	Pleated Filter 20" x 25" x 1"	64658	1
20	Pleated Filter 16" x 25" x 1"	64659	1
21	Motor Switch (or starter)	64988	1
—	Anti-Slip Matting (40" x 96")	64970	1

NOTES:

- 48" x 96" tables can utilize two 48" x 48" tops.
- 48" x 96" tables take two blowers, motors, etc.
- Gasket material is the same on all tables and sizes, but the amount needed varies with model.
- All parts orders must be accompanied by unit serial number (on nameplate on blower shield inside the lower filters).

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