



Air Purification — Filtration — Vacuum Systems

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Model 3660BG Cartridge Filter Downdraft Table



This table may be used for grinding steel and some non-ferrous metals. It may also be used for welding applications. This model contains on 16" x 34" Flame retardant cartridge filter that cleans 99.9% down to .5 micron and has water pans built over the filter to protect it from exposure to hot sparks. This extends the life of the filter. The filter is cleaned by compressed air. The contents of an air tank in the machine are released instantly into the filter and pulse dust off of the filter, which falls into the drawer below. This cleaning procedure is done by activating a switch, which pulses the filter.

Size : 36" x 30", 36" tall

Weight : 700 lbs.

CFM : 2,900

Motor : 2 HP 1PH or 3PH

Voltages : 220 – 1PH or 230 – 460 – 575 – 3PH

Sound Level : 76 decibels



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Metal Grinding Table General Information

MOTORS are totally enclosed fan cooled (TEFC). Hazardous location motors are available upon request. These motors will have the mag. starters and timers but they will not be mounted on the machine. The buyer must mount the switches on the wall at the distance allowed by OSHA or their insurance company. If the buyer wants the switches mounted on the machines, we must have it in writing that they understand that these machines are not to be set in a location where hazardous fumes are present.

RECEPTACLES are only standard on the 3646BG single phase machine. They may be ordered for the other machines. On any three-phase machines, single-phase power must be brought to machines for the receptacles. If you feel that receptacles are important for your machine, figure the location for them and have the receptacles installed at the factory.

CASTERS are standard on the 3646BG table. Casters may be installed on the other machines but they will alter the height some. Casters must be installed at the factory; they are not an after market item.

WORK SURFACE is standard 1" grate 35 lbs. per square foot. Heavier grate and *fiberglass* grate is available if needed. A removable rubber pad for the steel grate is also available for protecting polished products.

EXHAUST CHIMNEY on machines are located on the end of the machine and are a standard feature on models 9600BG and 7200BG. Without a chimney the exhaust may be too much air for the surrounding environment. Chimneys are optional on the 2872BG and the 3644BG tables.

WATER PANS force the grit and sparks to cross the water before entering flame retardant filters. This system will help prevent any hot slag from entering the filter compartment. It would also be a great asset when plasma cutting.

CENTRAL SYSTEM UNITS main focus is on self-contained units we also build, on special order, non-motorized units for central systems. These units are built to meet your needs. They contain inside deflectors to prevent the majority of the grit and sparks from entering the vacuum system. Water pans are available as an option.

SPARK SHIELDS is provided with a 20" tall shield around the work area. These shields are hinged and removable to accommodate larger or longer work pieces. These are designed to increase the efficiency of the table and to protect co-workers, bystanders, and the work area. These may also be altered to fit the users needs