

**SUGGESTED SPECIFICATIONS FOR  
CLARKE  
MODEL CarpetMaster® 30  
WIDE AREA VACUUM**

**GENERAL**

The machine shall be capable of vacuum cleaning and agitating a carpet by means of a revolving brush in conjunction with an air passing fan. The machine shall clean a path of at least 28" wide in one pass, at a rate of approximately 10,000 square feet per hour. The machine shall be available in 115 volt, 60 cycles.

**VACUUM MOTOR**

There are two, 1 hp, single stage vacuum motors, rated at 115V, 60 cycle. They both have a diameter of 5-5/8" and together are capable of moving 224 cubic feet of air per minute (CFM). A duct of 16 square inches (cross sectional area) shall be provided between the brush housing and the vacuum fan housing to allow passage of large objects.

**BRUSH**

Cleaning shall be accomplished by a 3" diameter x 27-3/4" long brush. The brush has four rows of nylon bristles arranged in a "V"-shape to force litter to the center of the machine. The brush height may be adjusted 5/8" depending on the type of carpeting to be cleaned. The brush shaft may be rotated 180 degrees for additional brush wear. The brush housing shall clean within 1-1/4" of baseboards on the right side. The brush shall be driven by a "V" belt at least 3/16" wide.

**HANDLE**

The machine shall be equipped with an ergonomic handle made of Polydur®, which will fold down easily for storage.

**WHEELS**

The machine shall have two 10" diameter rear wheels and two 1-5/8" diameter casters in front. The wheel and caster tread shall be of a non-marking composition. The wheels must not be less than 1-3/4" wide, and casters to have not less than 7/8" wide tread.

**MAIN FRAME**

The main frame shall be made of linear low density polyethylene (LLDPE) and is of rotomolded construction that has a low profile design for reaching under furniture. The frame also houses an off-aisle hose for use with several attachments (see ACCESSORIES).

**ACCESSORIES**

The accessories included are a 20 ft. hose, a turbo floor tool, a crevice tool, a dusting tool, two 2 ft. wands, and a tool storage bag that attaches to the handle. The machine shall be furnished with operational labels, operators manual and parts book.

**BAG-FILTER**

The filter bag shall have at least 1.56 square feet of filter area. The filter material will trap all debris and dust larger than 5 micron. The bag shall not dust outwardly when struck.

**CORD AND SWITCH**

The machine shall be equipped with not less than 75 ft. of yellow #14-3 high visibility plastic covered cable. Provision for the "ON/OFF" switches for both the brush motor and the vacuum motor shall be located on the handle for easy access by the operator. The switch shall be double pole construction, and be U/L and CSA approved.

**PORTABILITY AND DIMENSIONS**

The machine shall weigh no more than 85 lbs. The machine's overall dimensions with handle in operating position shall be approximately 51" long x 45" high x 31-3/8" wide. With the handle in the storage position, the unit shall occupy a space 34-1/2" long x 19" high x 31-3/8" wide.

**WARRANTY**

The machine shall be warranted by the manufacturer against defects in material and workmanship for a period of one year, except for brushes, rubber parts, cords, switches, motor brushes, bearings, filter bags and drive belts.

**MODEL DESIGNATION**

The machine shall be a Clarke CarpetMaster® 30.