

**SUGGESTIONS FOR WRITING BID SPECIFICATIONS ON THE  
Clarke CarpetMaster™ 112**

<b>GENERAL</b>	Machine shall be the type described as a commercial duty, single-motor upright carpet vacuum, a <i>CarpetMaster 112</i> which cleans a 12 inch (30 cm) path. Shall be able to lay completely flat on the floor with a 6 inch (15 cm) profile and shall have 1,000 Watts, 9 amps of total power. Shall be ETL listed and have the Carpet & Rug Institute's Seal of Approval.								
<b>MOTOR AND MOTOR HOUSING</b>	To minimize handle weight, the vacuum motor shall be positioned at the hinge of the base and the upright portion of the machine. Shall be 1,000 Watts, 9 amp, 2-stage motor, 120 V/60 Hz. Motor shall have by-pass valve and thermal overload protection.								
<b>BRUSH / BRUSH DRIVE / BRUSH ADJUSTMENT</b>	Shall be 10.5 inches (27 cm), dual ball-bearing mounted, with two-rows of long wearing nylon bristles in a chevron pattern. Brush shall be easy to remove without tools. Shall be driven by toothed timing belts to the motor via clutch mechanism to protect against brush blockage. Shall have variable brush heights by turning the hand actuated adjusting dial, to permit the use of the machine on all types of commercial soft and hard flooring.								
<b>AIRFLOW</b>	Shall be 93 cfm (44 L/sec.)								
<b>WATERLIFT</b>	Shall be 92 inches (196 cm)								
<b>SOUND LEVEL</b>	Shall be 69 dB A at the operator's ear.								
<b>FILTRATION</b>	Shall have 3 levels of filtration – 2-ply paper bag, vacuum motor pre-filter, and an exhaust filter. The exhaust filter shall be a certified H.E.P.A. filter. Shall have available as an option, a cloth filter bag.								
<b>COLLECTOR BAG</b>	Shall have a 4.2 quart (4 L) capacity.								
<b>CHAMBER SWITCH</b>	Shall be plastic rocker-type mounted on the top of the vacuum chamber.								
<b>MAIN HANDLE</b>	Shall be two-position adjustable.								
<b>BASE</b>	Shall be high-impact, injection molded, fire retardant ABS.								
<b>TOOLS/ ACCESSORIES</b>	Shall have as standard onboard 4:1 flex stretch hose, wand, crevice tool and upholstery tool. Tools shall be stored onboard and covered by the wand to protect them from falling off the machine. Shall have a compartment to hold a spare filter bag.								
<b>POWER CABLE</b>	Shall be 50 feet (15 m) long, 18 gauge, grounded, safety colored yellow.								
<b>WEIGHT</b>	Shall be 19.8 pounds (9 kg) with machine and cord.								
<b>DIMENSIONS</b>	Shall not exceed: <table><tr><td></td><td><u>Model 12P</u></td></tr><tr><td>Width overall</td><td>12 inches (30 cm)</td></tr><tr><td>Length</td><td>13 inches (33 cm)</td></tr><tr><td>Height</td><td>44 inches (113 cm)</td></tr></table>		<u>Model 12P</u>	Width overall	12 inches (30 cm)	Length	13 inches (33 cm)	Height	44 inches (113 cm)
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**THE MACHINE SHALL BE A *Clarke CarpetMaster™ 112***