

**SUGGESTIONS FOR WRITING BID SPECIFICATIONS ON THE
ADVANCE *Spectrum*[™] 12H**

GENERAL	Machine shall be the type described as a commercial duty, single-motor upright carpet vacuum, a <i>Spectrum 12H</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 a total power of 1,000 Watts, 9 amps. Shall be ETL listed and have the Carpet & Rug Institute Seal of Approval.								
MOTOR AND MOTOR HOUSING	To minimize handle weight, 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 bypass valve and thermal overload protection.								
BRUSH / BRUSH DRIVE / BRUSH ADJUSTMENT	Shall be 10.5 inch (27 cm), dual ball-bearing mounted, with two-row long wearing nylon bristles in 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 use of machine on all types of commercial soft and hard flooring.								
AIRFLOW	Shall be 93 cfm (44 L/sec.)								
WATERLIFT	Shall be 92 inch (196 cm)								
SOUND LEVEL	Shall be 69 dB A at the operator's ear.								
FILTRATION	Shall have 4 levels of filtration – 2-ply paper bag, cloth outer 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.								
COLLECTOR BAG	Shall have a 4.2 quart (4 L) capacity.								
CHAMBER SWITCH	Shall be plastic rocker-type mounted on the top of the vacuum chamber.								
MAIN HANDLE	Shall be two-position adjustable.								
BASE	Shall be high-impact, injection molded, fire retardant ABS.								
TOOLS/ ACCESSORIES	Shall have as standard onboard 4:1 flex stretch hose, wand, crevice tool and upholstery tool. Tools shall be stored onboard and be covered by wand to protect from falling off the machine. Shall have a compartment to hold a spare filter bag.								
POWER CABLE	Shall be 33 feet (10 m) long, 18 gauge, grounded, and shall be detachable.								
WEIGHT	Shall be 19 lb (9.5 kg) with machine and cord								
DIMENSIONS	Shall not exceed: <table><tr><td></td><td><u>Model 12H</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 12H</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 AN ADVANCE *Spectrum*[™] 12H.