

**SUGGESTIONS FOR WRITING BID SPECIFICATIONS ON THE
ADVANCE VU500™ 12 and VU500™ 15**

GENERAL	Machine shall be the type described as a commercial duty, single-motor upright carpet vacuum, a VU500-12 which cleans a 12 inch (30 cm) path or a VU500-15 which cleans a 15 inch (38 cm) path. Machine 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. Machine shall be ETL listed and have the Carpet & Rug Institute's Seal of Approval with a minimum Silver performance level.		
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 by-pass valve and thermal overload protection.		
BRUSH / BRUSH DRIVE / BRUSH ADJUSTMENT	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 not require any brush height adjustment to permit the use of machine on all types of commercial soft and hard flooring.		
AIRFLOW	Shall be 93 cfm (44 L/sec.)		
WATERLIFT	Shall be 92 inches (196 cm)		
SOUND LEVEL	Shall be 68 dB A at the operator's ear.		
FILTRATION	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. Machine shall have available as an option, a cloth filter bag.		
COLLECTOR BAG CHAMBER	Collector bag chamber shall have a 3.4 quart (3.2 L) capacity.		
SWITCH	Shall be plastic rocker-type mounted on the top of the vacuum chamber.		
MAIN HANDLE	Shall have a built-in locking cord holder to secure the cord for quick storage.		
BASE	Shall be high-impact, injection molded, fire resistant ABS.		
TOOLS/ ACCESSORIES	Shall have as standard onboard 4:1 flex stretch hose, wand, and crevice tool. The crevice tool shall be stored onboard and covered by the wand to protect it from falling off the machine. Machines shall have a compartment onboard to hold spare filter bags. Shall have available as an option, an upholstery tool with a storage clip.		
POWER CABLE	Shall be 33 feet (10 m) long on the VU500-12, and 50 feet (15 m) long on the VU500-15, and shall be 18 gauge, grounded, and detachable.		
WEIGHT	Shall be 19.5 pounds (8.8 kg) for the VU500-12, and 19.8 pounds (9 kg), with machine and cord.		
DIMENSIONS	Shall not exceed:		
		<u>VU500-12</u>	<u>VU500-15</u>
	Width overall	12.5 inches (31.8 cm)	15.25 inches (39 cm)
	Length	13.25 inches (33 cm)	13.25 inches (33 cm)
	Height	46.5 inches (118 cm)	46.5 inches (118 cm)

THE MACHINE SHALL BE AN ADVANCE VU500™ 12 or VU500™ 15.