

**SUGGESTIONS FOR WRITING BID SPECIFICATIONS ON THE  
ADVANCE VL500™ 55 or 75**

<b>GENERAL</b>	Machine shall be the type described as a commercial duty, tank style vacuum for use in both wet and dry applications. The tank capacity shall be 14 gallons (55 L) or 19 gallons (75 L).													
<b>MOTOR</b>	The motor shall have a maximum power of 1,100 W and operate at 120 V / 60 Hz. The motor head shall be hinged for easy, no-tools, removal.													
<b>MAIN HANDLE AND TROLLEY</b>	Shall be a fixed stainless steel push handle or an adjustable, folding, push handle with an integrated hanger for power cable storage. Machine tank and motor shall be easily lifted off the trolley with no tools for simple machine maintenance.													
<b>AIRFLOW + VACUUM</b>	Shall be 101 CFM (48 L/sec) and 72 inches of H <sub>2</sub> O (18 kPa).													
<b>SUCTION POWER</b>	The machine shall have a suction power of 185 W or more at the end of the vacuum tube.													
<b>FILTRATION</b>	The filtration system shall include a single filter set used in both wet and dry applications. The filter set shall include a high capacity cartridge filter that is waterproof, washable, and seals the motor head to ensure full motor protection from debris and liquids. The cartridge filter shall have a minimum filtration area of 683 in <sup>2</sup> (4,410 cm <sup>2</sup> ). The wet filter shall be designed to dissipate foam and have a minimum filtration area of 285 in <sup>2</sup> (1,840 cm <sup>2</sup> ). The filter system shall be a locking stack system to ensure proper alignment and optimum airflow through the vacuum system.													
<b>TANK EMPTY AND CAPACITY</b>	The tank and frame shall include a weight distribution mechanism that allows users to easily dump a full tank without user strain. The machine shall include a drain hose and spout for simple tip-and-pour options to empty the tank. The tank capacity shall be 14 gallons (VL500-55) or 19 gallons (VL500-75).													
<b>SQUEEGEE</b>	Shall include a break-away squeegee system with a simple foot-pedal engagement mechanism.													
<b>BASE</b>	Shall be designed with a wide stance to ensure maneuverability even when the tank is full.													
<b>TOOLS/ ACCESSORIES</b>	Shall have as standard onboard a hose, extension tube, crevice tool, floor nozzle with rubber strip, brush tool, and an optional squeegee kit. The machine shall have integrated tools storage for ease of use and simplified transportation.													
<b>POWER CABLE</b>	Shall be 50 feet (15 m) in length.													
<b>WEIGHT</b>	Shall be 52 pounds (23.5 kg) for the VL500-55 and 61 pounds (27.5 kg) for the VL500-75.													
<b>DIMENSIONS</b>	Shall not exceed: <table><tr><td></td><td><u>VL500-55</u></td><td><u>VL500-75</u></td></tr><tr><td>Width:</td><td>24 inches (62 cm)</td><td>24 inches (62 cm)</td></tr><tr><td>Length:</td><td>34 inches (84 cm)</td><td>26 inches (66 cm)</td></tr><tr><td>Height:</td><td>40 inches (100 cm)</td><td>41 inches (103 cm)</td></tr></table>			<u>VL500-55</u>	<u>VL500-75</u>	Width:	24 inches (62 cm)	24 inches (62 cm)	Length:	34 inches (84 cm)	26 inches (66 cm)	Height:	40 inches (100 cm)	41 inches (103 cm)
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**THE MACHINE SHALL BE AN ADVANCE VL500™ 55 or VL500™ 75.**