

**SUGGESTIONS FOR WRITING BID SPECIFICATIONS ON THE
ADVANCE VL500™ 35**

GENERAL	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 9 gallons (35 L).
MOTOR	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. Machine tank and motor shall be easily lifted off the trolley with no tools for simple machine maintenance.
AIRFLOW + VACUUM	Shall be 101 CFM (45 L/sec) and 72 inches of H ₂ O (20 kPa).
SUCTION POWER	The machine shall have a suction power of 220 W or more at the end of the vacuum tube.
FILTRATION	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 321 in ² (2,070 cm ²). The wet filter shall be designed to dissipate foam and have a minimum filtration area of 163 in ² (1,051 cm ²). The filter system shall be a locking stack system to ensure proper alignment and optimum airflow through the vacuum system.
TANK CAPACITY	The tank capacity shall be 9 gallons (35 L).
BASE	Shall be designed with a wide stance to ensure maneuverability even when the tank is full.
TOOLS/ ACCESSORIES	Shall have as standard onboard a hose, extension tube, crevice tool, floor nozzle with rubber strip, and brush tool. The machine shall have integrated tools storage for ease of use and simplified transportation.
POWER CABLE	Shall be 50 feet (15 m) in length.
WEIGHT	Shall be 25 pounds (11.5 kg).
DIMENSIONS	Shall not exceed: <div style="margin-left: 100px;"><u>VL500-35</u> Width: 17 inches (42 cm) Length: 19 inches (46 cm) Height: 29 inches (73 cm)</div>

THE MACHINE SHALL BE AN ADVANCE VL500™ 35.