

SUGGESTIONS FOR WRITING BID SPECIFICATIONS ON THE NILFISK VP600™ CANISTER VACUUM

GENERAL	Machine shall be of the type generally described as a Nilfisk VP600 canister vacuum or equivalent. It shall be designed as a commercial machine with a continuous duty motor that is intended for the vacuuming of dry materials. It shall come with the required accessories and tools for cleaning both hard and soft floors and off floor cleaning. Machine shall have two modes of operation, quiet and Power Boost.
ELECTRICAL	Power switch shall be rated for 50,000 or more on/off cycles.
VACUUM MOTOR	Vacuum motor shall be rated at 800 Watts minimum and shall be protected from thermal overload. Vacuum motor shall have a lifetime rating of 1,000 hours. Vacuum motor shall have two modes of operation, 350 Watt and a Power Boost function at 800 Watts.
MAXIMUM VACUUM PERFORMANCE	Maximum waterlift shall not be less than: 88 inch H ₂ O (22 kPa) Maximum airflow shall not be less than: 50 CFM during normal operation and 63.5 CFM during Power Boost (24/30 L/Sec)
SOUND LEVEL	Machine shall have a sound pressure level not to exceed 47 dB A at quiet operation and 54 dB A at Power Boost as measured by method BS 5415. Machine shall have a sound level not to exceed 66 dB A at quiet operation and 71 dB A at Power Boost as measured by method BS 5415.
FILTRATION	Machine shall have three levels of filtration consisting of a dust bag, dry basket filter and a post motor filter. Machine shall have a H13 HEPA exhaust filter.
ACCESSORIES/ TOOLS	The following shall be included as standard: <ul style="list-style-type: none">• 6.2 feet (1.9 m) tapered hose with bent wand with thumb activated flow control valve• Combination 12 inch hard floor and carpet tool• Telescopic aluminum tube• Round rotating dust brush, stored on the back of the machine• Flexible crevice tool, stored on the back of the machine• 33 feet (10 m) detachable cable• One bag
WEIGHT AND DIMENSIONS	Machine weight shall not exceed 15.4 lb (7 kg) Maximum dimensions shall not exceed: Height: 10.6 inches (27 cm) Width: 11.8 inches (30 cm) Depth: 18.9 inches (48 cm)

MACHINE SHALL BE A NILFISK VP600™