



Portable Vertical Stack Cane
Series: PVSC

**TECHNICAL
INFORMATION**

PROJECT: _____
 LOCATION: _____
 ARCHITECT: _____
 ENGINEER: _____
 SALES ENGINEER: _____
 DATE: _____

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OVERVIEW

The Portable Vertical Stack Cane (PVSC) has been designed to allow for easy positioning of the capture nozzle to the end of many styles of vertical stacks. The PVSC is built on a rolling base and consists of two galvanized tubes. The upper tube telescopes inside the lower tube assembly. Thus, allowing the nozzle to be positioned right at the vertical stack discharge point. The PVSC is used in place of standard stack canes and does not require the technician to climb on the vehicle to place a nozzle over the stack. The PVSC does not require any type of direct contact or connection between the stack and the PVSC's nozzle. This differs from the standard cane and stack adapters, which require direct connection.

FUNCTION: The PVSC cane is to roll to the vehicle and once it is in position, the foot lock is engaged. The telescopic positioner should then be loosened and the upper tube section should be raised until the nozzle mouth is in direct line with the stack discharge. The positioner lock is then tightened. The PVSC cane hose must then be connected to the existing or new vehicle extraction hose.

MATERIAL: The base is constructed of heavy gauge plate steel with (4) swivel wheels. The foot lock is provided on the base. The lower tube assembly is welded to the base plate and is 2" in diameter. A large threaded stud is welded to the lower tube and is supplied with a mating threaded shaft with a "T" handle for easy tightening and loosening of the upper tube in the lower tube. The upper tube slides freely inside the lower tube. The upper tube has a 20-gauge stainless steel nozzle attached to the top. The nozzle has a 90-degree elbow attached to the nozzle end. The nozzle end and elbow are 6" diameter and the nozzle mouth is 8" diameter (other diameters are available). 5' of 6" high temp hose is attached to the elbow for connection to the extraction system.