

Introduction - This document provides the instructions necessary to install the VacStar Models VS50, VS50H, VS80, and VS80H system into a utility room that is properly prepared for the system to be installed. This means that all site requirements have been met and plumbing and electrical systems are in place prior to making the installation.

Installation -

- Place VacStar in prepared utility site.
- Connect the operatory main line to the Intake solids collector inlet port.
- When installing models VS50H and VS80H, connect the exhaust port of the Hydromiser to the facility exhaust vent line.
- Connect the drain port of the VacStar to the facility drain
- Connect facility water to the push to connect water inlet connector.
- If installing a 24V remote switch, refer to the 24V Connections of this guide.
- Connect VacStar to the appropriate facility power.

Important -

- Make sure to install the system in accordance with all local electrical and plumbing codes.
- Make sure all hose connections are straight and secure without any sharp bends or kinks. Do not stress the rigid vacuum hose connections especially at the pump inlet.

VacStar Documentation - Refer to the following for more detailed plumbing, electrical connections and site requirements.

- User's Manual, P/N 55151CUL.
- Pre-Installation Guide, P/N 55349.



Model VS50



Model VS80



Model VS50H



Model VS80H

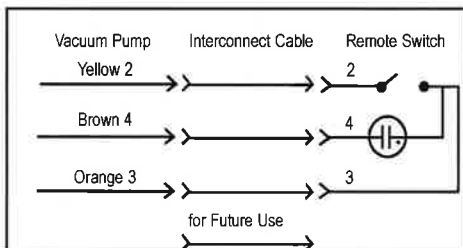
Hydromiser Models VS50H & VS80H Require Exhaust Venting

ELECTRICAL CONNECTIONS

VacStar 50, 50H, 80, 80H must be wired directly from an electrical box that complies with local electrical codes to the VacStar's Electrical Connection Box.

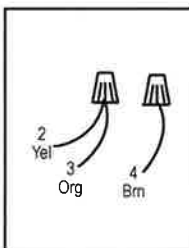
24V CONNECTIONS

Connection to 24V Switch Only



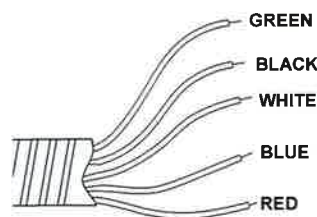
Use 18 Gauge, 4 Conductor, Interconnect Cable Between VacStar Pump and Remote Switch

Connection without 24V Switch



Interior Electrical Box Connections

230V CONNECTIONS



| Dual Circuit | |
|--------------|--------------------------|
| Pumps | Power Leads |
| RIGHT | (L1) BLACK (L2) WHITE |
| LEFT | (L1) RED (L2) BLUE |

Note: For Single Circuit, connect Black and Red wires together (L1) and White and Blue wires together (L2).

VacStar 50, 50H, 80, 80H Power Connection