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VSS VETERINARY ANESTHESIA SCAVENGER

ACTIVE SCAVENGING FOR UP TO 18 ANESTHESIA MACHINES

The elimination of trace anesthesia gases from the operating room is a major concern for veterinarians and their personnel. The only effective way to eliminate these gases is to collect them at the anesthesia machine's pop-off valve outlet and conduct them directly to the outside with an Active Anesthesia Scavenger.

- **ON THE MARKET FOR 30 YEARS -PROBLEM FREE**
- **BALANCED BY VALVES IN THREE LOCATIONS, THEREFORE NO PERIODIC ADJUSTMENTS HAVE TO BE MADE**
- **ADDITIONAL MACHINE LOCATIONS MAY BE ADDED AT ANY TIME WITHOUT AFFECTING THE PRESENT SYSTEM**
- **CAN HANDLE UP TO 18 ANESTHESIA MACHINES WITH 200' OF PLUMBING ABOVE THE CEILING**
- **RECOMMENDED BY ALL WELL-KNOWN VETERINARY ARCHITECTURAL FIRMS**



SCAVENGING SYSTEM BENEFITS

PREVENTS UNLOADING OF THE BREATHING CIRCUIT

The vacuum pressure generated by the power unit is continuously regulated by the Air-Inlet Valve strategically positioned in the system.

OFFERS NO RESISTANCE TO THE POP-OFF VALVE

The tube diameters of the system are designed so there will be no increase in pop-off exhaust pressure during surgery

ELIMINATES NEED FOR CHARCOAL FILTERS

Forget about charcoal filled canisters that become saturated (and ineffective) after a short period of time! Full attention may be devoted to surgery, not to the status of a charcoal filter.

EFFECTIVE FOR ALL ANESTHETIC AGENTS INCLUDING NITROUS OXIDE

Compatible with all non-flammable anesthetic agents, the system is also effective with nitrous oxide. Charcoal filled canisters do not absorb nitrous oxide but pass it directly to the operating room.

DOES NOT INHIBIT MACHINE MOBILITY

Ten feet of flexible interface tubing allows mobility of the anesthesia machine.

SUITABLE FOR CLINICS THAT HAVE ONE OR MORE MACHINES

The VSS Veterinary Anesthesia Scavenger may be designed for hospitals with multiple machines and/or machines not located adjacent to an outside wall.

DESIGNED TO FIT MOST ANESTHESIA CIRCUITS

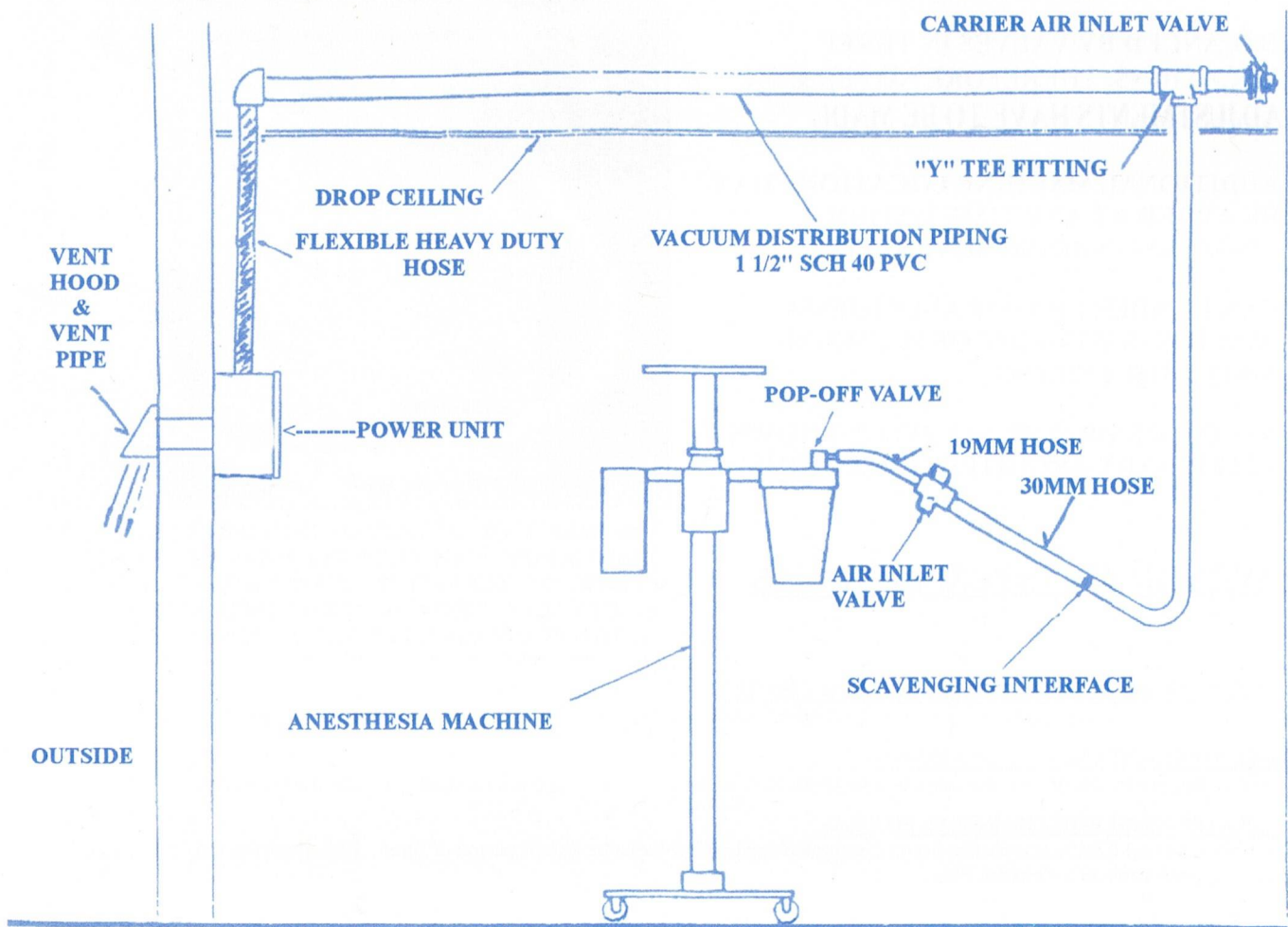
The Veterinary Anesthesia Scavenger may be connected to the scavenging pop-off valve outlet nipple on all commonly used Anesthesia Machines. Veterinary Anesthesia Scavenger pop-off valves are available for many older machines that don't have one.

THE BASIC UNIT CONSISTS OF THE POWER UNIT, A VENT HOOD & PIPE, 6' OF FLEXIBLE HEAVY-DUTY HOSE, 90° ELBOW, "Y" TEE FITTING, SCAVENGING INTERFACE & CARRIER AIR INLET VALVE. THESE ARE DESCRIBED MORE FULLY & SHOWN IN A DIAGRAM ON THE REVERSE SIDE.

The Veterinary Anesthesia Scavenger System consists of:

- A. The **POWER UNIT** (14" x 12" x 8") can accommodate up to 18 anesthesia machines. It mounts on the inside of an exterior wall. Included with the Power Unit is a 4" Vent Pipe, an outside weather-tight vent hood, 1 1/2" male SCH 40 connector fitting, and 6' of 1 1/2" I.D. flexible hose to connect the power unit to the Veterinarian supplied 1 1/2" SCH PVC Distribution System.
- B. The **SCAVENGING INTERFACE** attaches directly to the 19mm scavenging pop-off valve outlet nipple of the Ohmeda (Fraser), Drager, Pitman-Moore 990 Anesthesia Machines, and with an adapter to the 22mm nipple on the VETROSON® Small Animal Anesthesia Machine pop-off valve. An N.R.B. (non-rebreathing) circuit adaptor is supplied which will connect with the 1/4" I.D. scavenging hose. The interface consists of a grey reducer fitting, as well as a 8' x 30mm and a 1' x 19mm exhalation tubing joined by a cross configuration with joined balancing valves.
- C. The **CARRIER AIR INLET VALVE** and a "Y" Tee Fitting that acts in conjunction with the Air Inlet Valve(s) to regulate the vacuum pressure of the system.

NOTE: The Veterinarian supplies the 1 1/2" SCH 40 PVC piping which is placed above the ceiling. The material is inexpensive and readily available through any plumbing or building material contractor.



THE VSS VETERINARY ANESTHESIA SCAVENGER SYSTEM

CAUTION: Do not use the Veterinary Anesthesia Scavenger in the presence of explosive or flammable anesthesia agents. The Veterinary Anesthesia Scavenger will be effective only when used in an inhalation anesthesia procedure where there is no gas leakage from the breathing circuit or machine. See Operating Instructions for complete information.