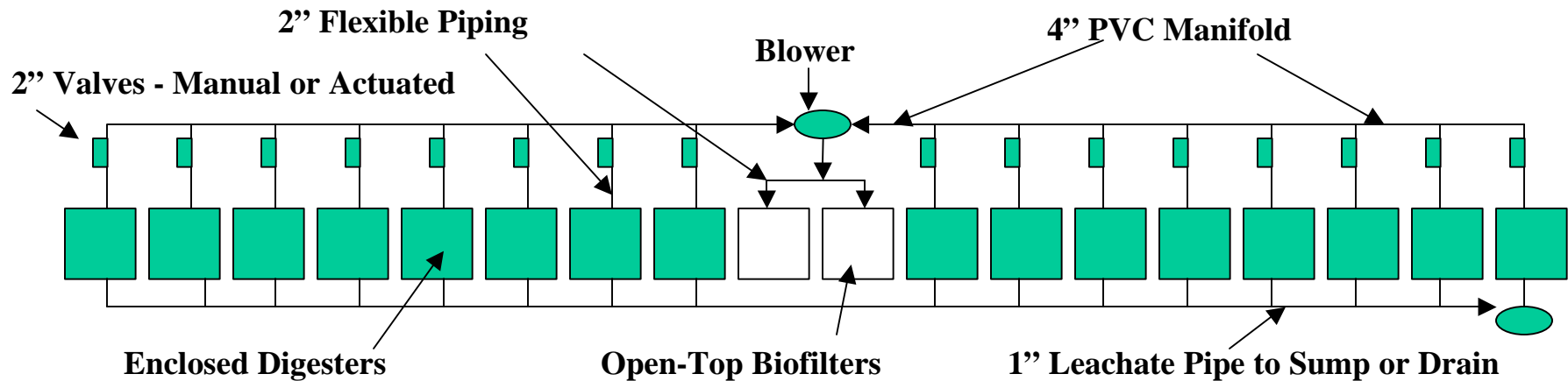


# CM-Pro Composting Systems



- 1) Negative air blower line attached to top of digester drawing ambient air from the bottom 2" intake pipe through aeration floor
- 2) In controlled mode, temperature actuated valves regulate a flexible 2" air-line that is quick-coupled to the top of each digester
- 3) The blower runs continuously at 2-6" H<sub>2</sub>O. System is designed for a maximum 10 CFM flow rate for each digester
- 4) In the automated option, a 120V actuated valve opens to maintain optimum temperature in the heat removal cycle
- 5) The temperature of the bin is sampled by a temperature sensor in the center of the container or manually in uncontrolled mode
- 6) Leachate is drained via sloped floor and captured in an intake-line trap and drained to a pan or through a hose to a sump or sewer
- 7) Air drawn from the 35 cubic foot digesters is pressurized through the manifold system leading to the biofilter
- 8) Each biofilter (1 to 8 digesters) is identical to the composting container but without a lid, with air forced in at the base
- 9) Biofilters contain a customized media of old compost and carefully selected wood chips and can be sold separately
- 10) In passive mode, single containers run without blowers or biofilters using natural air convection – deal for surge capacity
- 11) Units are sold singly without a biofilter or in groupings of eight containers to one biofilter. Optimum is 32 digesters to 4 biofilters
- 12) Support equip. - pallet jack, loader, fork lift, bin tipper, stacking conveyor, screen, auger mixer, sensors, sold separately
- 13) Capacity is approximately 71 lbs per day per bin based on 20 day retention time. 16 bins process 1,120 lbs per day (7 day week)
- 14) System available with optional "Rothamsted" earthworm stabilizing system for value-added marketing
- 15) Approximately \$1,500 for each bin or biofilter with air floor and drain system
- 16) \$1,000 per digester for wiring, temperature sensor, single digester controller and actuator. Prices subject to change without notice
- 17) Call for price on blower, sensors, controllers, & data logger. Freight, training, and installation extra. 1 year warranty on parts

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