

ODOR CONTROL FILTER ASSEMBLY

DESCRIPTION

The Odor Control assembled unit can be installed on a number of A.R.I. combination air valves for wastewater.

The unit absorbs the noxious odors emitted from a wastewater system, which are a nuisance both in the residential as well as in the work environment.

The odor control filter assembly can be installed on A.R.I. wastewater air valve models D-020, D-025, D-023.

The unit is both portable and disposable.

No heavy equipment is needed and there is no messy disposal of spent carbon.



SIZES

MAINTENANCE

Filter Model	1214	1620	1630
Maximal Flow Capacity	200/350 m ³ h	420/713 m ³ h	600/1000 m ³ h
Outlet	2"	2"	2"
Dimensions	30x32.5 cm	41.25x49.25 cm	41.25x73.75 cm
Weight	7 Kg.	18 Kg.	27 Kg.

The life expectancy of the odor filter cartridge is dependent upon certain parameters, including: the flow rate of the discharged gas, humidity and the organic substance concentration. Our recommendation is to replace the cartridge at least once a year or if noxious odors start to emanate from the cartridge.

See instructions for replacing the odor filter cartridge (found below after the Assembly Instructions).

INSTALLATION OF ODOR CONTROL FILTER ASSEMBLY

Important: The Odor Control Filter Assembly can only be connected to a D-020, D-025 A.R.I. Wastewater Valve which has a male quick connector assembled in the discharge outlet. If not, please call a A.R.I. service representative to obtain the correct parts.

The Odor Control Filter Assembly is shipped fully assembled and ready to be attached to the A.R.I. wastewater air valve models D-020, D-025, D-023.

1. Attach the quick connector end (3) of the Odor Control Filter Assembly to the cam lock type quick connector (2) on the wastewater air valve.
2. Securely close the two fasteners on the quick connector (3).
NOTE: The unconnected side of the "T" connection containing the one-way out check valve (4) must be unobstructed and able to freely intake air. The "T" connection can be rotated to insure the check valve has unobstructed clearance.
3. Place a concrete support block (10) or any other type of level support block (at least 20 cm in height) on the ground next to the wastewater valve.
NOTE: Make certain that there are no kinks in the tubing and the filter cartridge is above the water level in case of flooding in the manhole.
4. Stand the Odor Control Filter Assembly unit (9) level on the support block.

The unit is now connected and installed and will operate automatically.

REPLACING THE FILTER CARTRIDGE

1. Unfasten the fasteners of the quick connector (7) and detach from the threaded quick connector (8).
2. Unscrew and remove the threaded quick connector (8) from the top of the Odor Control Filter Assembly filter unit (9).
3. Remove the Odor Control Filter Assembly filter unit from the support block and place it in a leak proof strong disposable bag. Dispose of the unit according to local environmental regulations.
5. Stand the new Odor Control Filter Assembly filter unit (9) level on the support block.
6. Screw the threaded quick connector (8) into the top of the new Odor Control Filter Assembly filter unit (9).
7. Attach the end of the quick connector (7) to the end of the threaded quick connector (8) and close the two fasteners securely.

INSTALLATION DRAWING

