

Specification

Product: RCA Nozzle
Application: Extraction of vehicle exhaust fumes
Revision: September 29, 2008

1. Vehicle Exhaust Capture nozzles – RCA Series (www.LEV-CO.com)

1.1. General:

1.1.1. The following Vehicle Exhaust Nozzles shall be of industrial quality, and be designed to be used for the extraction of vehicle exhaust fumes. They shall be manufactured to withstand the environments associated with these applications and when the appropriate local extraction devices are selected, these nozzles shall remove the pollutants in accordance with all industrial ventilation guidelines.

1.2. Usage and motion range

- 1.2.1. Should be used in combination with vehicle exhaust drops, booms or hose reels.
- 1.2.2. It is designed to capture the Vehicle Exhaust smoke from the vertical exhaust stacks.
- 1.2.3. Not suitable for under carried exhaust stacks.
- 1.2.4. The motion range is given by the Vehicle exhaust solution's range
- 1.2.5. Should be handled with telescopic pole.

1.3. Construction:

- 1.3.1. Sheet metal reducer with bead on the ends in order to connect it with the rubber collar of the nozzle and with the hose which follows the nozzle.
- 1.3.2. The rubber collar is made of 600 degree F high temperature rubber and fabric to handle the high temperature exhaust gases coming from any truck / tractor.
- 1.3.3. It is 10 inches in diameter to allow for extraction of cool ambient room air along with the exhaust gases and the resulting cooler mixture of air and gases will result in much longer life for the extraction hose above this nozzle.
- 1.3.4. It is 10 inches in diameter also to allow for insertion over any vertical stack "flapper" or "45 degree turns".
- 1.3.5. In addition to the UNIQUE to Lev-co rubber and fabric nozzle body, we have added a U-Bolt on the side of the reducer which is how the nozzle is pulled down (as compared to using an unsightly piece of rope) and lifting the nozzle up onto the top of the truck / tractor stack which is a minimum of 18 feet in the air.
- 1.3.6. The UNIQUE to Lev-co end stiffener on the rubber part is crush proof which allows the open round end to return to its original shape even after being crushed out of round.