



**SALVATORE  
ROBUSCHI  
POMPE PARMA**

# Wet Scrubber

## RDV - Ecology and Environment

### Air Pollution Control

A wet scrubber operates by introducing the dirty gas stream with a scrubbing liquid – usually water. Particulate or gases are collected in the scrubbing liquid. Wet scrubbers are generally the most appropriate air pollution control device for collecting both particulate and gas in a single system.



### Application : Wet Scrubber

**PUMP:** RDV 80-25DR 2C37 A 080 3  
**PERFORMANCE:** Flow 150 m<sup>3</sup>/h – head 55 m  
**LIQUID:** clean water

Vertical immersible sump pumps are installed above metallic tank where scrubber water is collected: pumps are used for water circulation in wet scrubbing system. Pumps in AISI with bottom bearing bush can easily work even with aggressive chemicals coming from gas or air cleaning

### RD SERIES

Vertical immersible sump pump (ISO 5199 norms) line-shaft with bearing bushes.

The pump body is immersed into the liquid, and the motor is mounted above the plate, keeping it away from the liquid.

The discharge pipe is separated from the column pipe and the lubrication of the line bearings is normally obtained by means of the same pumped fluid, or from an external lubricating source (such as clear liquid or grease) in abrasive services.

Pump length: **up to 6 meters.**

Mounting plate: **rectangular, circular or according to customer's specifications.**

