

HWE

DIRECT CYLINDER MOUNTED VACUUM TYPE CHLORINATOR



HWE Direct Cylinder mounting Vacuum Chlorinator is a safe, compact and space saving Gas Chlorinator. It consists of vacuum regulator, rotameter, flow control valve; Yoke clamp to connect directly on cylinder, a gas filter, an injector assembly vent & vacuum tubing of 5 meters.

HWE Direct Cylinder mounting Vacuum Chlorinator is made from totally non corrosive materials like UHMWHDPE, PTFE (Teflon), monal metal, PVC, Borosilicate Glass, Hastelloy "C", PVDF, VITON etc.

Meter Ratio	20: 1
Water Pipe Connection	25 / 32mm Dia PVC Pipe
Vacuum Tubing	9 mm ID soft polyethylene tube
Maximum working back pressure	7 kg / cm ²
Dimension	150mmW x 150mm H x 200mm D

WORKING PRINCIPLE

Water under pressure passes through injector. It creates vacuum, which opens spring loaded diaphragm check valve. Vacuum passes through vacuum tubing to the chlorinator.

When cylinder/Tonner valve is open, chlorine passes through self aligned yoke gas filter where foreign particles, if any, are removed. Chlorine gas passes to regulator. Here cylinder pressure is controlled by the inlet valve assembly. When vacuum is adjusted properly by control valve, vacuum opens the inlet valve with the help of diaphragm assembly and allows chlorine gas to pass through flow meter where flow can be adjusted and gas passes to injector & point of application.

The system automatically shuts off the chlorine gas supply if vacuum brakes at any point in the delivery line.

Chlorinator needs water line pressure of 2kg/cm² to feed in gravity way otherwise booster pump is required.

Since 1959

Manufactured by:

HINDUSTAN WATER ENGINEERING COMPANY

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