

SPECIFICATIONS

ARTICLE

Designation : Venturi dosing system

Code bobet : 4280

Selling Unit : Unit



CHARACTERISTICS

- SIMPLE : Dosing system ready for immediate use and easy to maintain

- INNOVATIVE : 2 main functions :

* Dosing : water + additive

* Rinsing : for rinsing work surfaces with clean water

In the by-pass (rinsing) mode, incorporation of the product is prevented by closing the product inlet orifice

- SELF-CLEANING : The "maintenance" position allows the venturi to be rinsed by inversion of the nozzle, thus solving the blocking problem encountered by other venturi systems.

DESCRIPTION :

- Material : polypropylene - resistant and recyclable

- Dosing (water + additive) or Rinsing (clean water) function :

A simple quarter-turn of the handle changes the function from dosing. i.e. washing/disinfecting (water + additive) to rinsing (clean water). The concentrated detergent or disinfectant is dosed and mixed with the water passing through the unit. The concentration is adjusted by changing the colour coded dosing jet.

- Maintenance (self-cleaning) function :

The Venturi can be reversed by simply turning the external handle, making possible self cleaning of the water and product passages and simplifying maintenance (venturi systems often become blocked by crystallisation of the product in the mixture water + product and product passages)

- System of colour-coded, calibrated jets giving a choice of product dosage-rates

- All Venturi systems necessitate a study of the installation and the creation of constant operating conditions (flow, pressure, product viscosity) to achieve reproduceability and precision

- Withstands high temperature : water up to 70°C (160°F)

- Suction power of Venturi : almost 1 bar

- Working pressure : 0.5 - 4 bars dynamic

Supplied with :

- Transparent PVC suction hose, 1.20 m long, internal diameter 6 mm, including strainer with weight

- Plastic bag containing : 12 calibrated coloured jets

Caution : The viscosity and density of the product to be dosed directly influence the dosage.

Gicleurs de dosage

<i>Couleurs</i>	<i>Produit injecté maxi L/h</i>	<i>Dosage maxi %</i>
ROUGE	2,8	1
ORANGE	3,42	1,25
NOIRE	4,73	1,7
VERT CLAIRE	8,02	2,9
JAUNE	10,59	3,75
MARRON	15	5,3
VERT FONCE	23,2	8,2
BLANC	36,8	11,5
BLEU	52	16,8
VIOLET	75,53	24,8
GRIS	107	40,7
BEIGE	111,7	43,2
SANS GICLEUR	114	43,6

Valeurs de dosage mesurées sous les conditions d'essai suivantes :

Produit aspiré

Eau

Attention !

La viscosité et la masse volumique du produit à doser influent directement sur le dosage.

Tout système de venturi nécessite une étude d'installation et de création de conditions de fonctionnement constantes (débit, pression, viscosité du produit aspiré) pour l'obtention de véritable précision et reproductibilité.