

STRAINERS

BAYARD RANGE

STRAINER BOXES

A strainer is defined by its purpose: to block all particles above a certain size from a liquid, in order to protect the downstream equipment.

TALIS Strainer Boxes are designed to provide an optimal protection from the damage these particles may cause to your potable water or irrigation equipment.



MARKETS



Water treatment



Water transmission



Water distribution network



Irrigation

TECHNICAL DATA

Nominal Diameter (DN):

TYPE MP: DN50 up to DN250

TYPE H: DN300 up to DN600

Flanges drilling according to standard EN 1092-2 and ISO 7005-2: ISO PN10, 16 or 25

Nominal Pressure (PN):

Working: 25 bar

Test: 38 bar

Medium Temperature: up to 70°C

APPROVALS

French ACS approval

ADVANTAGES

EASY MAINTENANCE

Easy access to the screen thanks to the dismantling from the top.

Easy installation of drainage valve (optional) on one bank or the other (Type MP only).

LOW HEAD LOSS

Strainer Boxes are designed to provide a high surface of filtration to guarantee the maximal possible flow going through.

RELIABILITY

Robust materials for high strength installation (ductile iron body and bonnet, stainless steel screen...).

CHARACTERISTICS

└ **Robust design** – Ductile iron body, fully protected by internal/external epoxy powder coating, stainless steel screen for type MP (smaller DN) maintained by ductile iron holder and a reinforced mesh on a stainless steel sheet for type H (bigger DN).

└ **Easy dismantling** of the bonnet and the screen from the top.

└ **Standard mesh 2mm** – available optional mesh sizes: 0.5 or 1mm or 8x8mm.

TYPE MP OR DN50 UP TO DN250

└ **Lateral drain plugs** to allow installation of a drainage valve (optional) for maintenance without interrupting the water distribution supply.

└ Drain plugs are installed on **both banks of the valve** for an easy access regardless the plant installation constraints.

└ **Inclined position** of the screen to reduce clogging.

└ **Important filtering surface** to reduce head loss.

└ **Maximal differential pressure: 16 bar.**