



DUTYPOINT.COM

PROTECTORISE COLD-WATER ACCESSORY



ProtectoRiSE

LIGHTWEIGHT, COMPACT
SINGLE-CHAMBER DESIGN

PN25 RATED

CORROSION-RESISTANT
CONSTRUCTION

EXCELLENT FLOW
CAPACITY

DIRECTLY ACTING SOLID
CYLINDRICAL FLOAT

PATENTED SMALL ORIFICE
CONFIGURATION



Specification

Surge relief valve

The ProtectoRiSE is a highly recommended system component that is fitted at the top of the riser to prevent airlocks and sudden pressure changes due to power surges and other causes.

This triple-function, double-orifice air valve efficiently releases air to prevent pressure build-up and allows the ingress of air to prevent vacuum in the pipework. The ProtectoRiSE also provides a controlled bleed of air to maintain system stability.

STANDARD TECHNICAL FEATURES

- Patented small orifice configuration
- Lightweight, compact single-chamber design
- Directly acting solid cylindrical float
- Excellent flow capacity
- WRAS approved
- PN25 rated
- Drain valve
- Corrosion-resistant construction
- Tapped cowl
- Surge alleviation mechanism
- Insect mesh

OPTIONS

- Isolating valve
- PN40 rating

RANGE PERFORMANCE

Standard	BS EN 17-4:2000
Connection size	1" BSP
Maximum working pressure	25 bar (40 bar available on request)
Minimum working pressure	0.3 bar
Hydrostatic pressure tests	Seal: 1.1 x PN Body: 1.5 x PN
Temperature range	Up to a maximum of 60°C
Coating	Fusion-bonded epoxy

MATERIAL SPECIFICATION

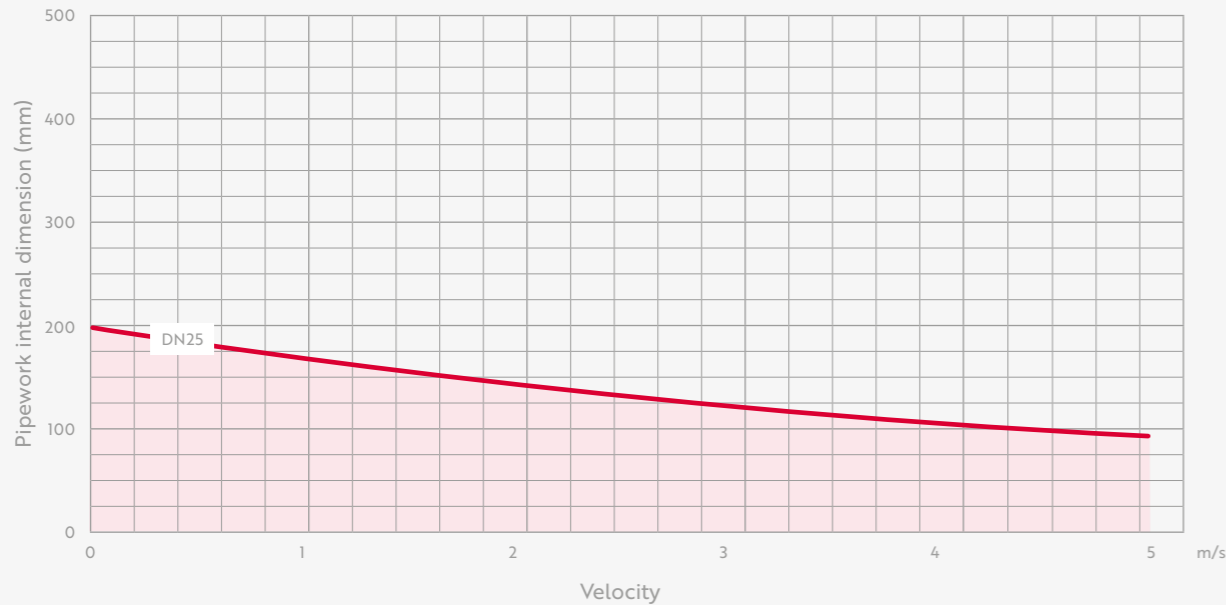
Body	Ductile iron
Size	113 mm (W) x 205 mm (H)
Drain valve	Nickel-plated brass
Diffuser plate	Stainless steel
Lower float	Polypropylene
Small orifice seal	Stainless steel/EPDM
Upper float	Polypropylene
Large orifice seal	EPDM
O-ring	EPDM
Seat holder	Stainless steel
Cowl	Ductile iron
Fasteners	Stainless steel



ProtectoRiSE

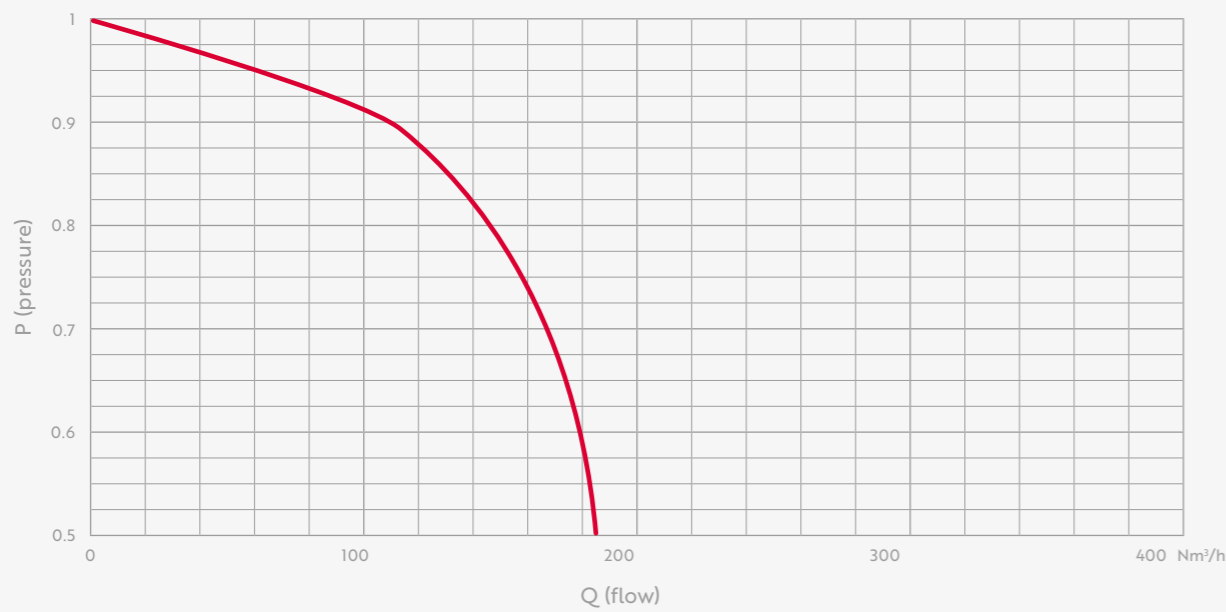
AIR VALVE SELECTION

Range of application of the air valve as a function of pipeline internal diameter and fluid flow velocity expressed in m/s.



AIRFLOW PERFORMANCE

Air entrance during pipe draining.



We offer a wide range of accessories for your boosted cold water systems



To discuss our full range of accessories, call us now on **01452 300110** or email enquiries@dutypoint.com



Let's talk about the ProtectoRiSE

01452 300110

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