ST5400

ARI-CONA TD Thermodynamic Steam Trap Type 641.2

- Stainless Steel Body, PN63
- ½" to 1"
- Integrated Non-Return Protection
- Outside Strainer
- Easy to Install in any Position
- Resistant to Water Hammer

Description

ARI-CONA TD is a robust thermodynamic steam trap and suitable for discharge of condensate with limited sub-cooling. Suitable for medium such as steam and condensate. Offered in sizes ½", ¾" and 1" with screwed BSP end connections. The body is manufactured in stainless steel, with inbuilt outside removable strainer basket, that's easy to maintain and simplified screw cap that requires no sealing. The ARI-CONA TD steam trap is simple yet efficient, offering reliability and the best choice for your steam mains drainage.

BENIFITS

Small, practical, insensitive to ambient conditions for discharge of condensate close to saturation temperature.
■ Cap with heat chamber is insensitive to ambient conditions
and ensures high performance. Water hammer resistant.
■ Integral check valve function for high performance.
■ User friendly: separate control cartridge (replaceable in
situ) and heat chamber.
■ Small size and weight for optimum handling. Quick assembly.
■ Contamination protection for long life (integral strainer or
optional outside strainer – easy to clean)!

Description

The ARI-CONA TD thermodynamic steam trap offers the reliable removal of condensate from steam distribution lines. All stainless steel construction with a large condensate capacity and high degree of resistance to semi corrosive condensate. Screwed BSP and in sizes from ½"-1", this thermodynamic steam trap is the first choice for the removal of damaging condensate steam distribution systems.

Beschreibung

Der thermodynamische Kondensatableiter ARI-CONA TD bietet die zuverlässige Entfernung von Kondensat aus Dampfverteilungsleitungen. Komplette Edelstahlkonstruktion mit großer Kondensatkapazität und hoher Beständigkeit gegen halbkorrosives Kondensat. BSP verschraubt und in Größen von ½"-1" ist dieser thermodynamische Kondensatableiter die erste Wahl für die Beseitigung von schadhaften Kondensatdampfverteilsystemen.

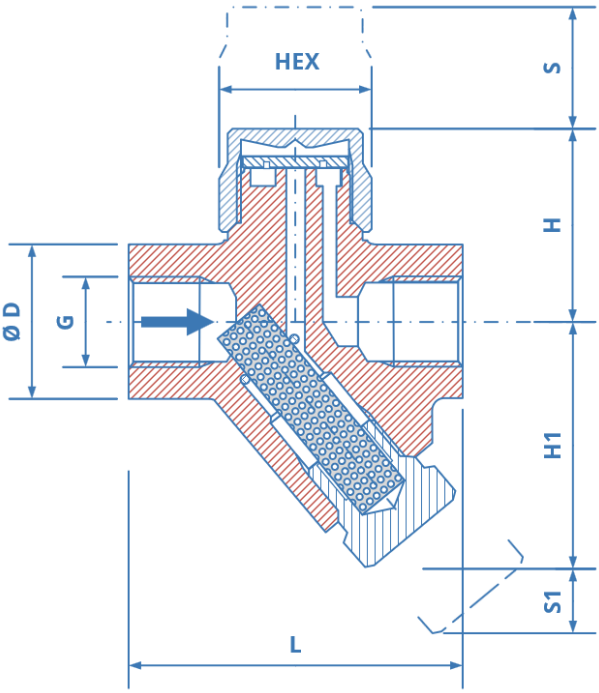
Descripción

La trampa de vapor termodinámica ARI-CONA TD ofrece la eliminación confiable de condensado de las líneas de distribución de vapor. Toda la construcción en acero inoxidable con una gran capacidad de condensación y un alto grado de resistencia a la condensación semicorrosiva. Roscado BSP y en tamaños de ½"-1", esta trampa de vapor termodinámica es la primera opción para la eliminación de daños en los sistemas de distribución de vapor condensado.

Description

Le purgeur thermodynamique ARI-CONA TD offre une évacuation fiable des condensats des conduites de distribution de vapeur. Construction entièrement en acier inoxydable avec une grande capacité de condensat et un haut degré de résistance aux condensats semi-corrosifs. Vissé BSP et dans des tailles de ½ "-1", ce purgeur thermodynamique est le premier choix pour l'élimination des systèmes de distribution de vapeur de condensat dommageables.

ST5400

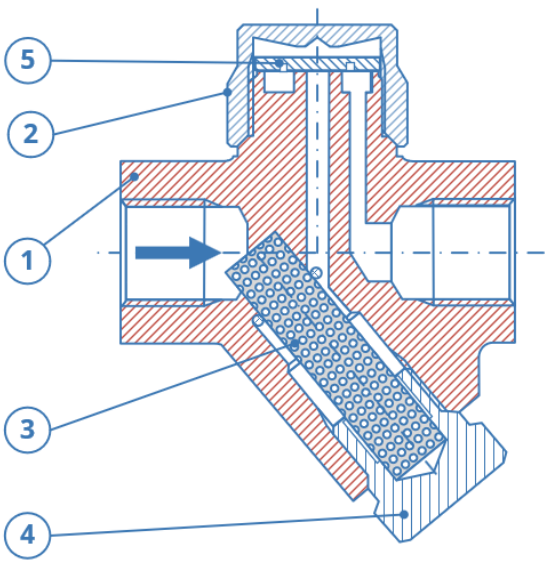


DIMENSIONS

Size	DN	L	H	H1	S	S1	HEX	Weight Kg
1/2"	15	78	47	56	20	45	32	0.8
3/4"	20	90	50	56	20	45	32	0.8
1"	25	95	59	61	20	45	41	0.9

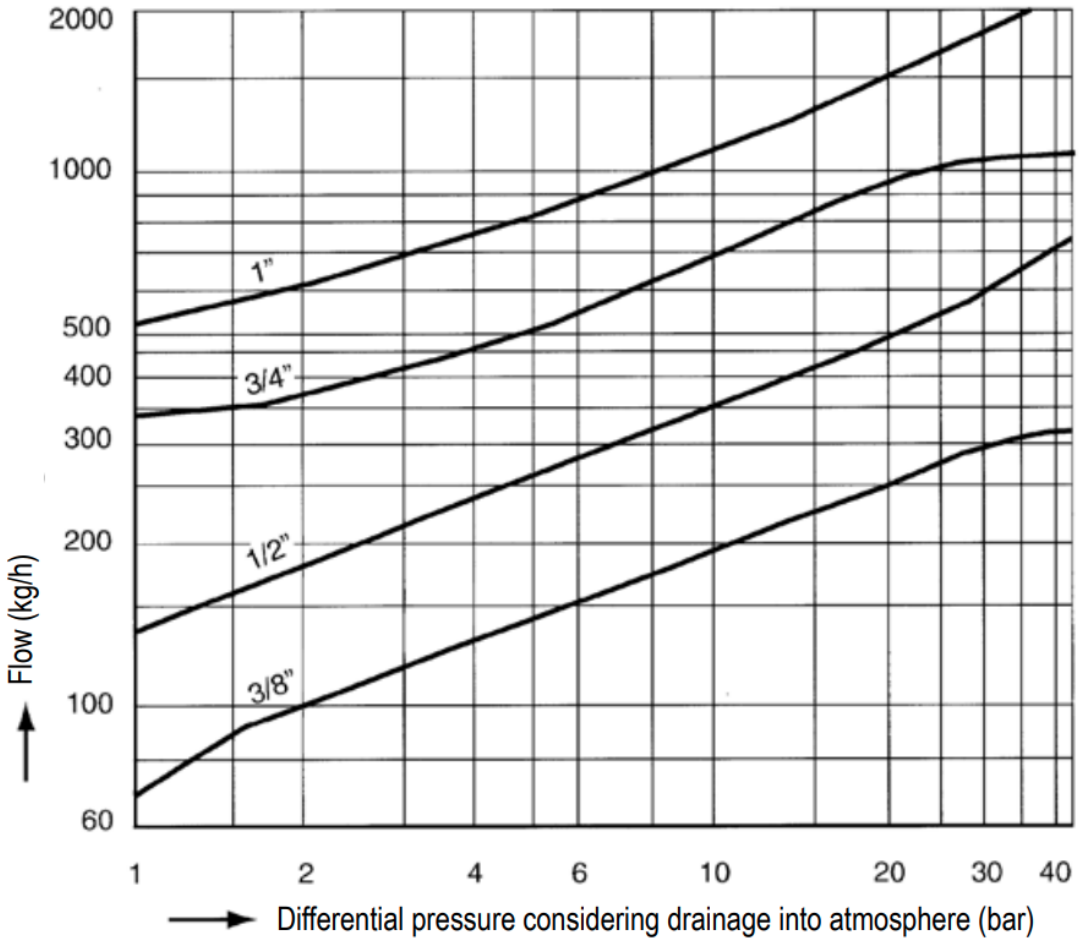
MATERIAL

Item	Description	Material
1	Body	1/2"-3/4" A743CA40 1" X12Cr13, 1.4006
2	Cap	X8CrNiS18-9, 1.4305
3	Strainer	X5CrNi18-10, 1.4301
4	Strainer Plug	X6CrNiTi18-10,1.4122+QT
5	Disc	X39CrMo17-1+QT, 1.4122+QT



ST5400

Figure	Nominal Pressure	Material	Size	Operating pressure PS	Inlet Temperature TS	Differential Pressure	Perm. Pressure Ratio/ min.Operating Pressure
56.641	PN63	A743CA40	1/2"-3/4"	42 Bar	400°C	42 Bar	Perm.pressure ratio: Back pressure/ Inlet Pressure ≤ 0.8 barg Min. Op Press. 1 barg
		1.4006	1"				



The capacity chart shows the maximum flow of hot condensate for the standard controller.
Flow rate of cold condensate at 20°C is about 1.5 times the volume of hot condensate.