



## YARWAY

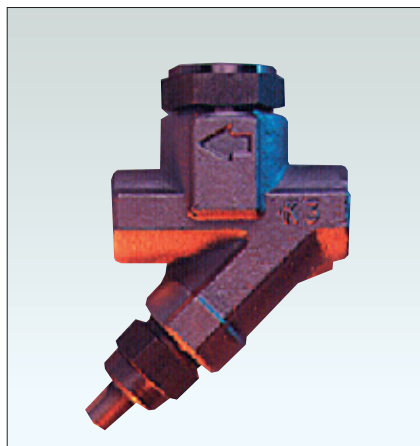
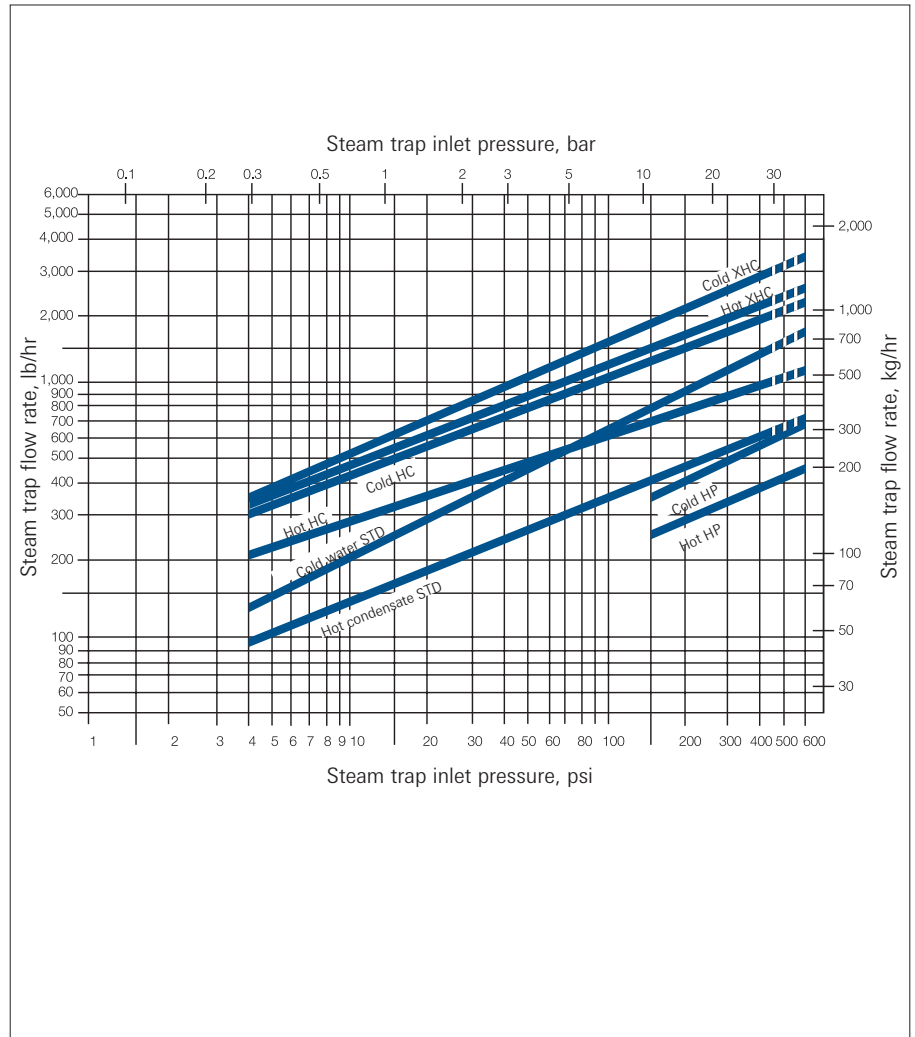
## Thermodynamic disc traps using the Unibody Plus concept with replaceable capsule, for tracing and drip.

### Features

- Fail safe open
- Simplicity-one moving part
- Can be installed vertically or horizontally
- Fast discharge of condensate
- Easy to check on performance
- Disassembly unnecessary before welding into the line
- ANSI Class 600 – PN 100
- Low carbon, forged body material
- Replaceable capsule in line
- Unibody concept:
  - Capsule renewable in line in few minutes
  - Capsule interchangeable with other technologies without disturbing the piping

### Technical data

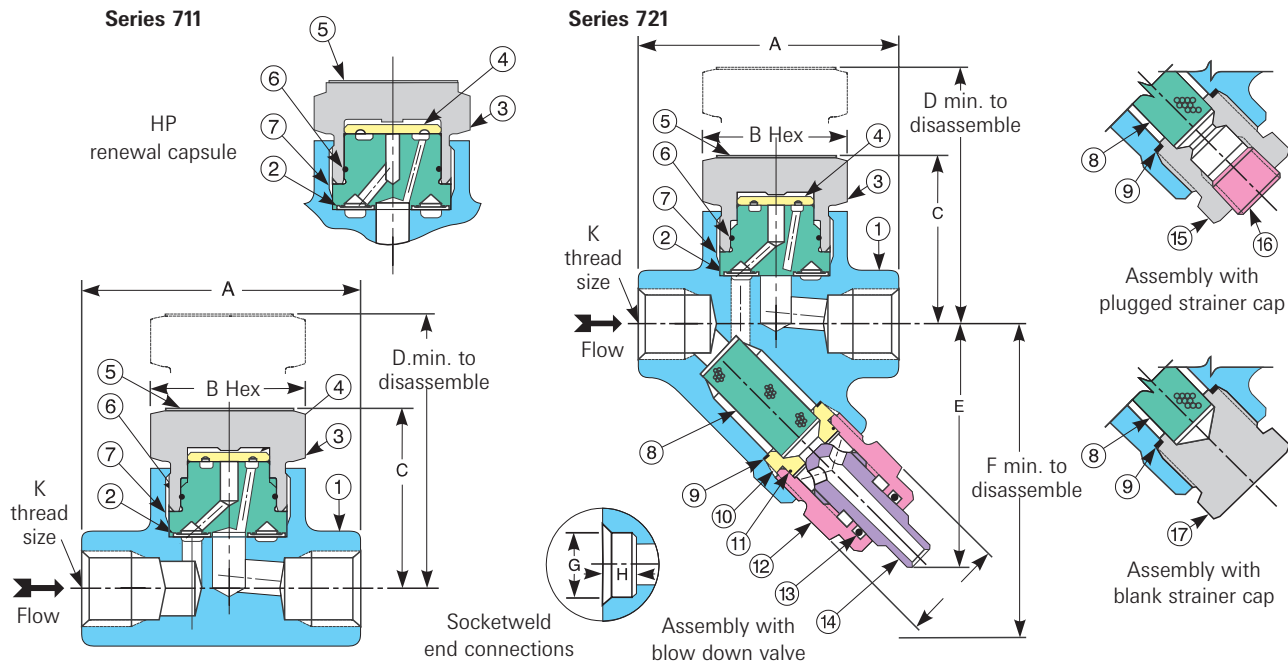
Max. working pressure: 0.3 to 41 bar  
 Standard Design : Max 21 bar  
 HP Design : Max 41bar  
 Max. Temperature : 400°C  
 Max. Back Pressure : 80%  
 Nominal Size : 3/8" - 1/2" - 3/4" - 1"  
 Connections : BSP, NPT  
                   Socket Weld  
 711 & 711 HP : Straightway body  
 721 & 721 HP : Straightway body  
                   with integral  
                   Y-strainer



In all areas of process technology where condensate has to be removed at near saturated steam temperature, e.g. from secondary heating systems, without sub-cooling, draining auxiliary turbines line drips, steam tracing, etc.

# Thermodynamic Disc traps 3/8" - 1"

## Series 711-721



### Parts/Materials

Item	Part	Material
1	Body	Chrome Moly, 0.15% max C, ASMF SA-182 GR. F-11
2*	Seat Gasket	Clad Non-Asbestos
3*	Bonnet	Stainless Steel, ASTM A-582 Type 416
4*	Disc	Stainless Steel HT
5*	Nameplate	Stainless Steel
6*	Retaining Ring	Stainless Steel 17-7 PH
7*	Seat	Stainless Steel HT
8	Screen	Stainless Steel 0.020 perf.
9°	Cap Gasket	Monel
10°	Blowdown Seat	416 Stainless Steel
11°	Retaining Ring	17-7 PH Stainless Steel
12°	Blowdown Body	416 Stainless Steel
13°	O-Ring	Silicone
14°	Blowdown Valve	416 Stainless Steel
15+	Strainer Cap	416 Stainless Steel
16+	Plug 3/8 NPT	Stainless Steel
17+	Blank Strainer Cap	Stainless Steel

\* Part of factory assembled renewal capsule

° Optional strainer caps

+ Factory assembled blowdown valve renewal kit

### Dimensions/Weights

Trap Size In. (DN)*	Dimensions, in. (mm)										Weight lb. (kg)	
	A	B	C	D	E	F	G	H	J	K	Series 721	Series 711
3/8 (10)	3-5/32 (80)	1-1/2 (38)	1-15/16 (49)	2-11/16 (68)	2-7/8 (73)	3-15/16 (100)	0.695 (17.6)	3/8 (9.5)	1-1/16 (27)	3/8"	2-1/4 (1.1)	1-1/2 (0.7)
1/2 (15)	3-5/32 (80)	1-1/2 (38)	1-15/16 (49)	2-11/16 (68)	2-7/8 (73)	3-15/16 (100)	0.860 (21.8)	3/8 (9.5)	1-1/16 (27)	1/2"	2-1/4 (1.1)	1-1/2 (0.7)
3/4 (20)	3-35/64 (90)	1-1/2 (38)	1-15/16 (49)	2-11/16 (68)	3-1/4 (83)	4-5/16 (110)	1.070 (27.2)	1/2 (12.7)	1-3/16 (30)	3/4"	2-3/4 (1.3)	2 (.9)
1 (25)	3-15/16 (100)	1-1/2 (38)	1-15/16 (49)	2-11/16 (68)	3-3/8 (86)	4-7/16 (113)	1.335 (33.9)	1/2 (12.7)	1-3/16 (30)	1"	3-1/2 (1.6)	2-1/4 (1.1)

\* (DN) expresses metric equivalent