



SISTEMA DA QUALIDADE
CERTIFICADO - BRASIL

(FI-S1602i-04)

Universal Flow Distributor DFU

Description:

Flow Conditioner Unit for drainage station, with swivel connector that provide easier maintenance and replacement of steam traps. The unit provide the following facilities:

1. Waterlogging test. Atmospheric upstream steam trap discharge.
2. Leakage test. Atmospheric downstream steam trap discharge.
3. Steam trap for maintenance / replacement.
4. Normal operation. Steam trap discharging to a condensate return line.

User benefits:

Compact and robust design for years of trouble free service. Suitable for universal connector steam traps (see figure), steam trap can be installed in the better position, maintenance and replacement facilities.

Piston type valves provide easy operation, even under high pressure conditions.

Body constructed in stainless steel for long life in service, can be installed in all pipeline orientation.

Limiting conditions:

P M O Max. Operation Pressure: 50 barg
T M O Max. Operation Temperature: 425°C

Materials

Item	Part	Material
1	Body	Stainless Steel ASTM A351 CF8M
2	Bonnet	Stainless Steel
3	Flange	Stainless Steel
4*	Lantern Bush	Stainless Steel
5*	Sealing Ring	Stainless Steel + Graphite
6*	Piston Set	Stainless Steel
7	Handwheel	Cast Iron
8	Bonnet Bolts	Stainless Steel
9*	Nuts	Stainless Steel
10	Tube Discharge	Stainless Steel
11	Nuts	Stainless Steel
12	Washers	Stainless Steel
13*	Steam Trap Bolts	Aço Inox

Note: (*) This item is not shown in the figure.

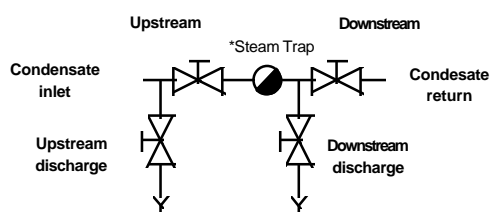
Sizes and pipe connections:

DN 15 (1/2") and DN 20 (3/4")

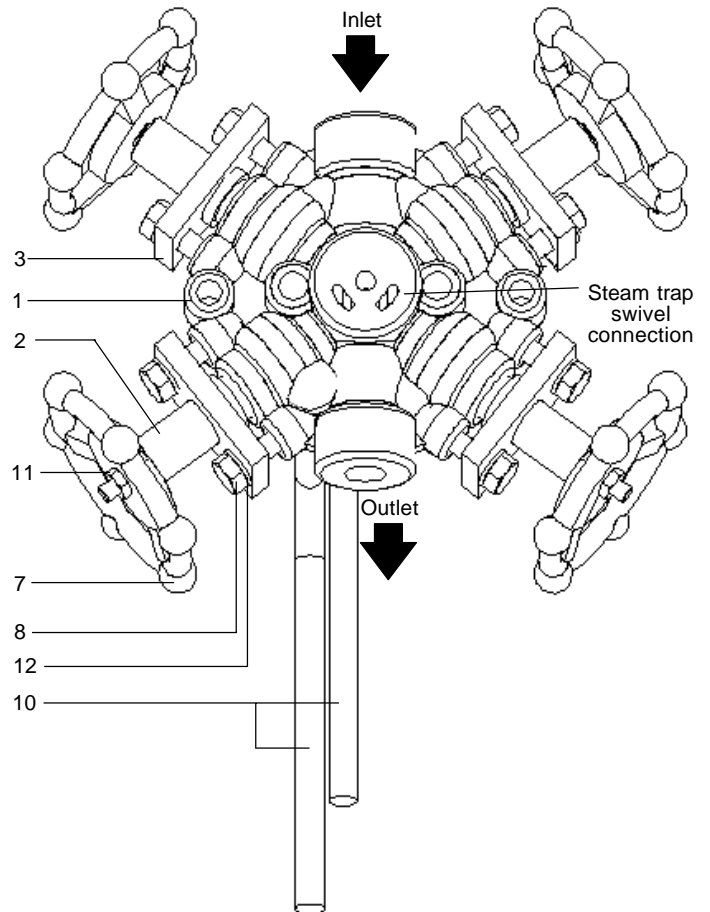
Screwed BSPT (BS 21) and NPT (ANSI B1.20.1)

Socketweld ends SW (ANSI B16.11)

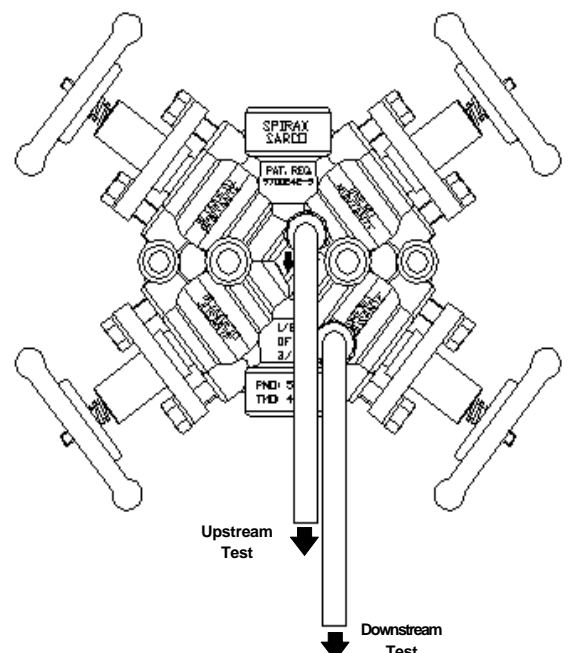
Schematic drawing:



(*) The Steam Trap must be ordered separately.



Front view



DFU - Universal Flow Distributor

Steam Trap associate - Serie U

Steam Trap	Model
Thermodynamic	U-STDV-LC
Inverted Bucket	UIBL 30 UIBL 45
Thermostatic	UBP 30

How to Order

1 - DN15 Spirax Sarco Universal Flow Distributor Screwed NPT connections.

Spare parts

Available Spare	Item
Sealing Ring*	A (8x)
Piston Assembly*	B + C
Fixing Bolts	(2x)

How to Order - Spare parts

Always order spares by using the description given in the column headed Available Spare and stating the size and type of DFU.

Example: 1 Sealing Ring set to Spirax Sarco Universal Flow Distributor DFU 1/2" NPT.

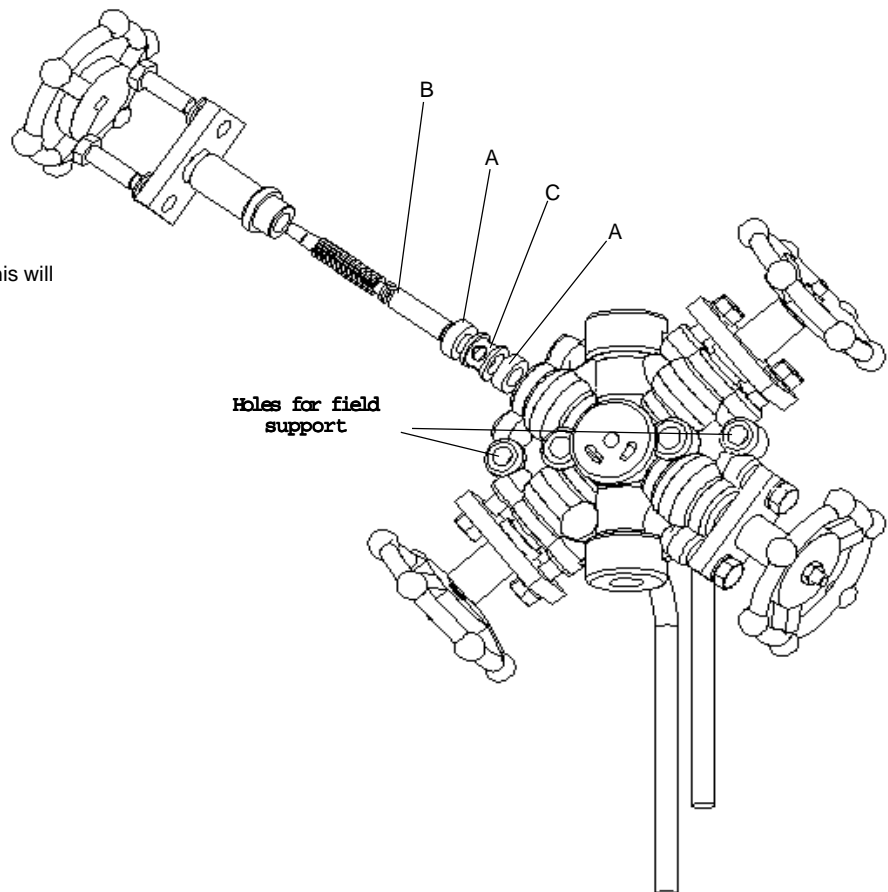
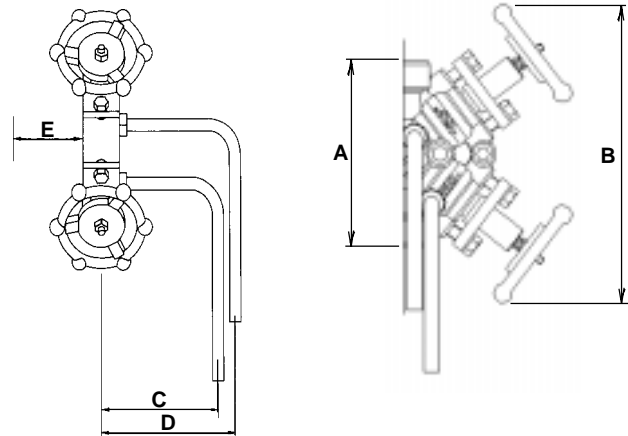
Recommended tightening torques

Tightening torque item 8 = 10 +/- 2 N.m

Dimensions (approximate in milimetres)

Size	A	B	C	D	E*
1/2"	127	205	103	118	120
3/4"	127	205	103	118	120

* This dimension rely on the Steam Trap type.



Warning

Never fit the bonnet bolts with the valve opened; this will damage the sealing rings.