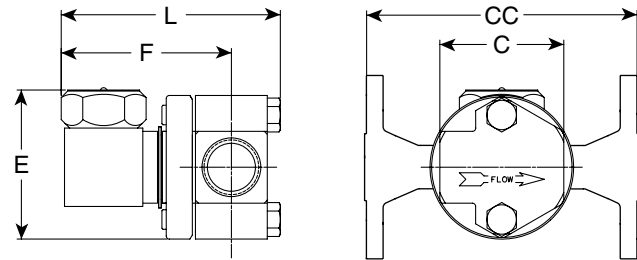


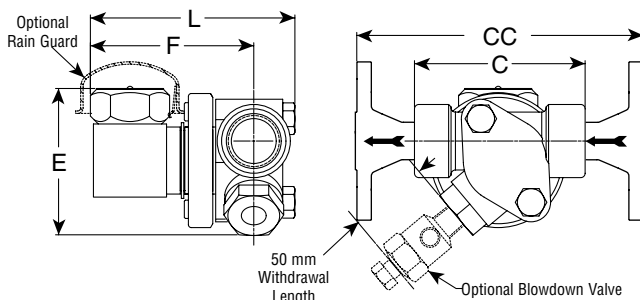
CD-3300 Controlled Disc Steam Trap

All Stainless with 360° Connector

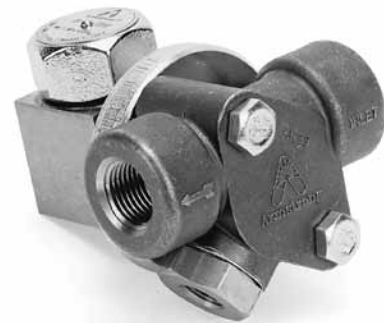
For Pressures to 31 bar...Capacities to 360 kg/h



CD-3300 with Standard Connector



CD-3300 with IS-2 Connector with Integral Strainer



Steam Trapping and Steam Tracing Equipment

The Armstrong CD-3300 is a three discharge port design, which provides stable disc operation to extend operating life.

The CD-3300 is piped in-line by a 360° universal connector which allows you to install the trap in virtually any piping configuration. Armstrong's unique standard connector or its IS-2 connector with integral strainer makes the CD-3300 easy to install, easy to renew. You save on labor time and cost because the connector simplifies piping and remains in-line.

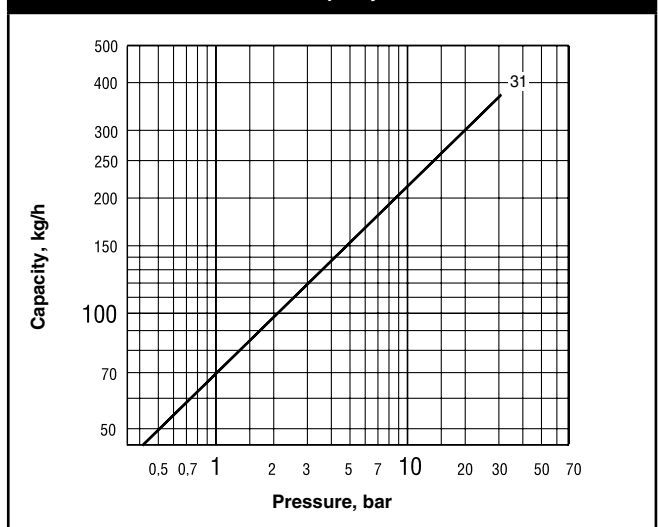
Materials

Trap cap:	ASTM A743 CA40
Trap disc:	ASTM A276 Gr.420
Trap body:	ASTM A276 Gr.420
Standard connector:	Stainless steel – 304
IS-2 connector with integral strainer:	ASTM A351 Gr.CF8 20 x 20 mesh 304 SS Screen

Connections

Screwed BSPT and NPT
Socketweld
Flanged DIN or ANSI (welded)

Table ST-163-1. Model CD-3300 Capacity



Note: CD traps can operate with minimum of 0,15 bar inlet pressure and a maximum of 80% back pressure. However, for best results, inlet pressure should not drop below 0,70 bar and back pressure should not exceed 50% of inlet pressure.

Options

Rain guard insulating cap
Blowdown valve – IS-2 connector only

Table ST-163-2. Model CD-3300 Trap (dimensions in mm)

Model No.	CD-3300	
	Standard Connector	IS-2 Connector w/Integral Strainer
Pipe Connections	15 – 20 – 25	15 – 20 25
“C” Face-to-Face (screwed & SW)	60 – 60 – N/A	89 102
“CC” Face-to-Face (flanged PN40*)	150 – 150 – 160	150 160
“L” Overall Length	106	106 106
“H” Overall Height	76	76 89
“F” \varnothing to Body End	86	86 86
Blowdown Connection Size	—	1/4" NPT 1/4" NPT
Weight in kg (screwed)	1,6	1,8 2,0
Weight in kg (flanged PN40*)	3,3 – 3,9 – 4,4	3,5 – 4,1 4,8
Maximum Allowable Pressure†	50 bar @ 400°C	
Maximum Operating Pressure	31 bar @ 236°C	

* Standard flanges are in carbon steel, stainless steel flanges are optional. Other flange sizes, ratings and face-to-face dimensions are available on request.

All sizes comply with the Article 4.3 of the PED (2014/68/UE).

† May be derated depending on flange rating and type.

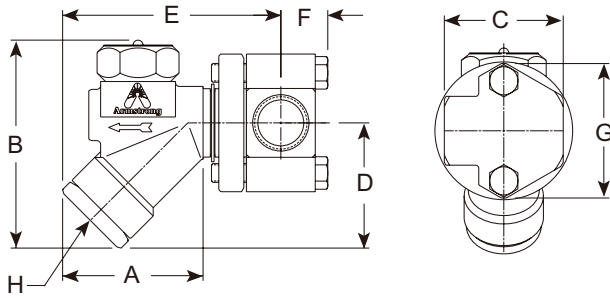
All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.



CD-3300S Series Controlled Disc Steam Traps

All Stainless Steel with 360 °C Connector
For Pressures to 31 bar...Capacities to 363 kg/h

Steam Trapping and Steam Tracing Equipment



The Armstrong CD-3300S is a three discharge port design, which provides stable disc operation to extend operating life.

The CD-3300S is piped in-line by a 360° universal connector, which allows you to install the trap in virtually any piping configuration. Armstrong's unique standard connector makes the CD-3300S easy to install, easy to replace. You save on labor time and cost because the connector simplifies piping and remains in-line.

CD-3300S is designed with integral strainer, do not use connector with integral strainer to install the trap but standard connector.

Materials

Trap Body	ASTM A743 Gr. CA40
Trap Cap	ASTM A743 Gr. CA40
Disc	ASTM A276 Gr. 420
Screen Retainer	ASTM A743 Gr. CA40
Blowdown Plug	Carbon steel

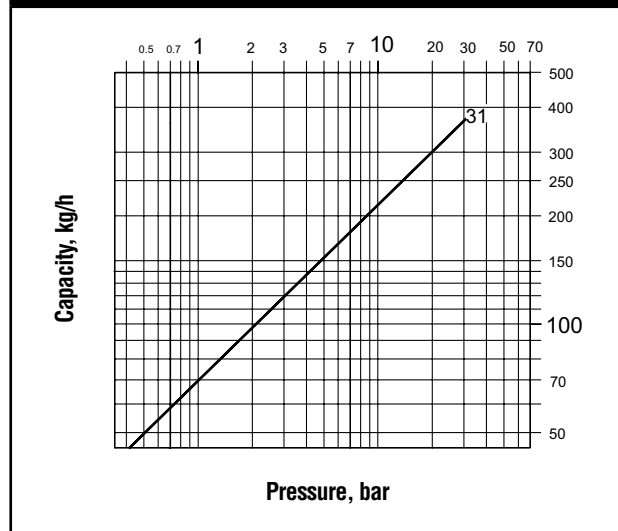
How to Order

- Model
- Connector: Specify size and connection NPT/BSPT/SW (Flanged Consult Factory)

Table ST-164-1. CD-3300S Disc Trap with standard connector

Model	CD-3300S with standard connector	
Pipe Size	1/2"	3/4"
«A»	70	
«B»	105	
«C»	60	
«D»	64	
«E»	111	
«F»	20	
«G»	70	
«H» (Blowdown connector)	1/2" NPT	
Weight (kg)	1,9	
Maximum Operating Pressure	31 bar @ 236 °C	
Maximum Allowable pressure (Vessel Design)	50 bar @ 400 °C	

Table ST-164-2. CD-3300S Capacity



All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.

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