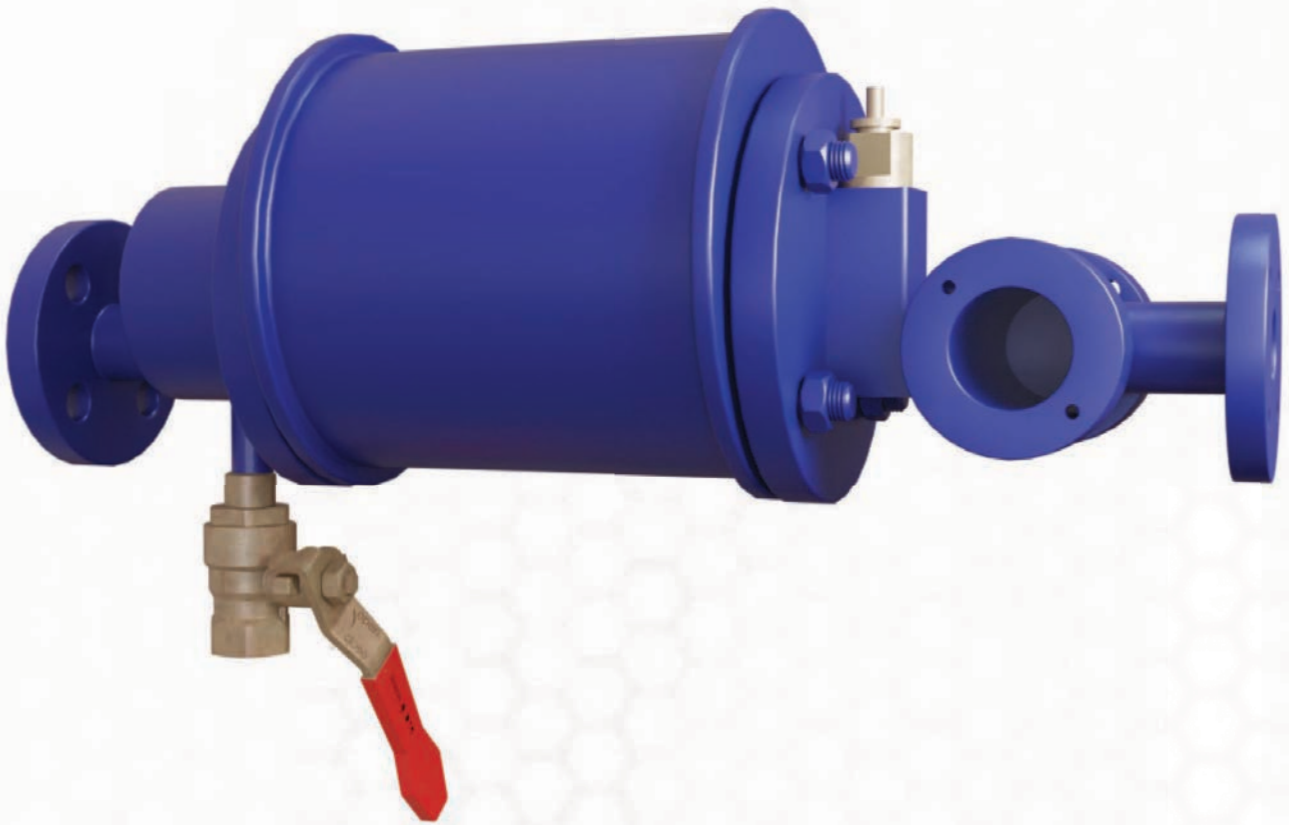


S-Cube

Redefining the concept of Steam Trapping



S-Cube: Redefined Float Type Steam Trap

S-Cube

S-CUBE

The S-CUBE is a steam trap assembly with an inbuilt online cleanable strainer and online performance monitoring. It's a compact and integrated steam trapping and condensate removal device for - efficient straining, - steam trapping and - monitoring of steam and condensate.

The S-CUBE integrates a continuous discharge type float operated condensate trap for automatic separation and discharge of condensate while trapping steam, a high efficiency strainer mechanism for enhanced self-cleaning & a lifetime sealed flow monitoring device to provide real-time monitoring, the total system configured for minimal pressure drop, extended operational life & high demanding steam and condensate applications.

✓ *Ensures System Efficiency & Helps to Prevent Losses*

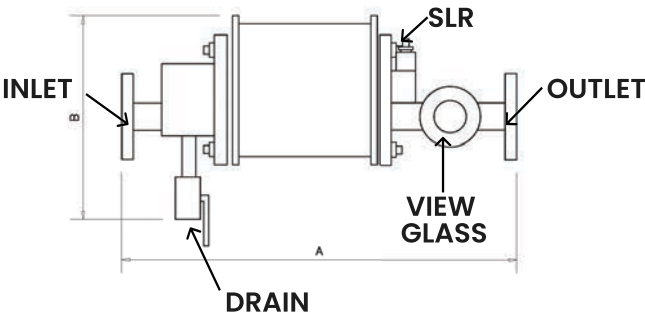
✓ *Ease of Operation, Maintenance & Monitoring*

✓ *Cleaning Strainer Without Need Of Any Tools or Shutdown*

✓ *Compact Size & Time-proven Design*

Working Principle

Steam and condensate from jacket of the heating equipment (reactor) reached the S-CUBE, it gets filtered through the strainer and all dust particles are removed. The trap mechanism stops the steam and allows only the condensate to flow out. The flow of the condensate can be viewed through the view glasses provided and any stoppage in the condensate flow or leakages can be identified through this view glasses.



Dimensional details

Size	A	B	Drain Size	Weight (kg)
15NB	410	226	15NB	12.5
20NB	410	226	15NB	13.2
25NB	495	254	15NB	18
40NB	600	307	15NB	19.6
50NB	600	307	15NB	21.3

Technical Details

Application	Steam - Condensate	Differential Pressure	4.5 bar / 10 bar / 14 bar
Type	Float Type	End Connection:	Flanged End 150#/300#
Size	15NB to 50NB	Max. Op. Pr.:	15 kg/cm2
MOC	Body: MS, SS304 Internal: SS304		
Strainer	0.8 mm (other on request)		

S-Cube Module with bypass

S-Cube Flow Capacity Chart

Trap size	TRAP RATING kg/cm ² (bar)	DIFFERENTIAL PRESSURE												
		0.5	1	1.5	2	2.5	3.5	4.5	5.5	7	8.5	10	12.5	13.5
15NB/20NB	4.5	236	272	317	376	430	521							
	10	127	149	172	190	217	236	263	285	317	340	362		
	14	88	109	127	140	161	177	195	217	233	247	272	299	317
25NB	4.5	951	1133	1359	1653	1812	2039	2310						
	10	412	498	589	680	793	906	997	1087	1268	1404	1495		
	14	290	340	412	498	589	634	725	793	838	951	997	1178	1246
40NB	4.5	2718	3398	3986	4757	5663	6116	6795						
	10	1767	2174	2537	3171	3624	4077	4530	5210	5889	6433	6795		
	14	1178	1450	1631	1903	2265	2469	2718	3126	3533	3896	4077	4371	4530
50NB	4.5	8969	10872	12684	15402	18120	20385	22877						
	10	4530	5572	6569	7928	9060	10193	11778	13137	14496	15855	18120		
	14	2265	2673	3080	3805	4349	4757	5436	6116	6795		7928	8607	9060

S-Cube MODULES with bypass – Description

The **Indo Anushka** make **S-Cube** Module is designed as a complete steam trapping solution for draining of condensate from any kind of process vessels. The module consists of a **S-Cube** : IA make new design Float type Steam Trap with Online Cleanable Strainer and Double Window Monitoring Sight Glass. All assembled and factory fitted with flange ends.

The inbuilt Online Cleanable strainer with blow-down valve – a prerequisite for the float type Steam Trap helps to have a choke free operation of the steam trap and simultaneously clean the strainer without shutdowns. The Double Window Sight Glass fitted after at the Steam Trap discharge helps you to monitor the functioning of the steam trap by helping you to see the discharge of Condensate. The special cap-nut type arrangement of the DWSG ensures pre-stress free glasses for a longer life.



FULL MODULE WITH S – CUBE

[S – CUBE + 2 NOS. OF ISOLATION VALVES + 1 NO. OF NRV]

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PROVIDING VALUE FOR MONEY IN STEAM ENGINEERING