


Model: LWZ-CS19S

Rating: PN40

Design feature:

- Thermodynamic steam trap.
- Compact and light weight, reducing installation costs.
- Positive discharge with clean tight shut-off.
- A disc style trap designed to control the trap's cycle rate.
- No back-up of condensate ensures maximum plant efficiency.
- One trap cover all operating pressures making selection and replacement simple.
- Resisting superheat, water hammer, freezing.
- Disc gives audible click when closing for simple on-line performance check.
- Can be installed in both horizontal and vertical positions reducing installed installation problems.
- Maximum allowable working pressure: 64 bar.G
- Maximum allowable working temperature: 250°C
- Maximum back pressure as percent inlet pressure, 60%.
- Test pressure shell: 95 bar.G.
- Fluid application: vapor, condensation.
- Media minimum temperature: 10°C
- End Connection: NPT, BSP, BSPT, DIN.

Specifications:

- Construction: Circinate Disc With Screen.
- Flow bore: full port.
- Rating: PN40
- Temperature: 50°F ~482°F
- Materials: ASTM A105
- Size range: 1/2"~2".

Dimension List:

DN	NPS	H1	H2	L
15	1/2"	58	33	75
20	3/4"	58	33	85
25	1"	63	38	95
32	1-1/4"	68	45	130
40	1-1/2"	80	50	130
50	2"	85	55	140

Material List:

NO.	PARTS NAME	MATERIALS
1	Screw	Aluminum
2	Nameplate	Aluminum
3	DISC	ASTM CF8
4	Cover	ASTM A216 WCB
5	Gasket	Graphite
6	Body	ASTM A105
7	Screen	SS304
8	Plug	Carbon Steel

CAPACITY LIST
UNIT: KG/H

<div> PRESSURE(MPA) SIZE(INCH) </div>	0.2	0.4	0.8	1.0	1.6	2.5	4.0	6.4
1/2"	90	110	130	180	220	240	270	290
3/4"	110	120	180	210	370	390	430	460
1"	130	140	330	390	690	780	860	890
1-1/4"	260	280	560	800	1300	1700	1850	
1-1/2"	290	310	850	1200	1500	2100	2200	
2"	370	380	950	1300	1650	2300	2450	

