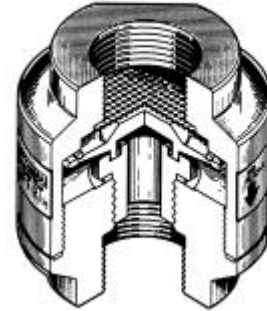


## Balanced Pressure Thermostatic Steam Trap

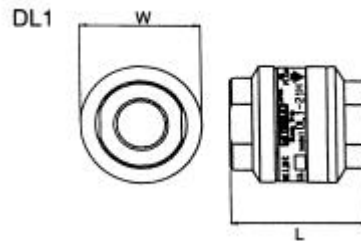
### Features

1. Corrosion resistant stainless steel body and internals.
2. Lightweight, compact design for easy installation.
3. Quick and efficient discharge of air and cold condensate upon start up.
4. Available with three different types of „Dia-Thermo“ membrane capsules (see page 2)
5. Can be installed in any position.

**DL 1**



### Operating Conditions & Dimensions

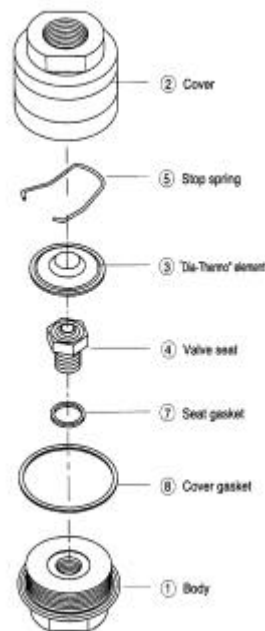


Model	Connection	Size	Max. Operating Pressure		Max. Operating Temperature		Dimension mm (inch)			Weight	
			MPa	psig	°C	°F	L - Rc	L - NPT	W	kg	lb
DL1-21	screwed Rc, NPT	¼"	2,1	305	220	428	55 (2.2)	60 (2.4)	48 (1.9)	0,6	1.3
		¾"									
		½"					60 (2.4)	70 (2.8)		0,7	1.5
		1"									
DL1-10	screwed Rc, NPT	¼"	1,0	145	220	428	55 (2.2)	60 (2.4)	48 (1.9)	0,6	1.3
		¾"									
		½"					60 (2.4)	70 (2.8)		0,7	1.5
		1"									

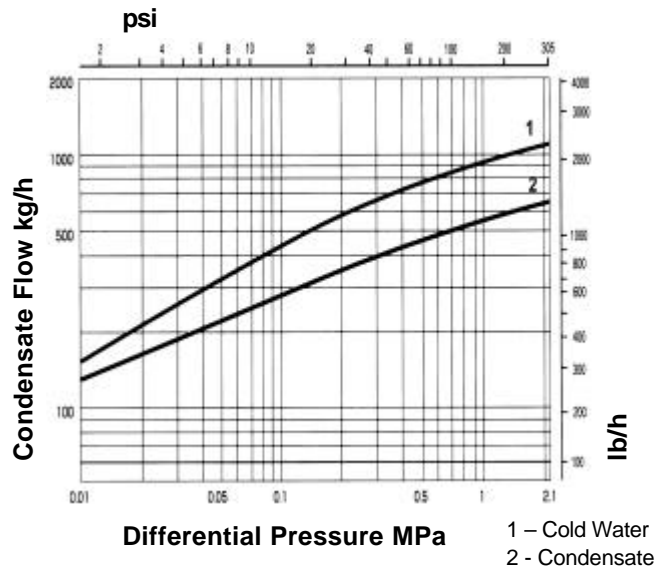
# Balanced Pressure Thermostatic Steam Trap

## DL 1

### Details



### Capacity Chart



### Types of „Dia-Thermo“ membranes available:

#### Type C (DL1 – 10C)

discharges the condensate at approximately 5°C (9°F) below saturation temperature  
Valve plate and seat: SUS 316

#### Type H (DL1 – 21H)

discharges the condensate at approximately 5°C (9°F) below saturation temperature  
Valve plate and seat: SUS420J2

#### Type L (DL1 – 21L)

discharges the condensate at approximately 15°C (27°F) below saturation temperature  
Valve plate and seat: SUS420J2

### Materials

Parts-No.	Name	Material JIS/ASTM
1	Body	SUS 316
2	Cover	SUS 316
3	Membrane capsule	Hastelloy/ Special Alloy
4	Valve seat	Stainless steel
5	Spring	
6	Screen	asbestos free
7, 8	Gaskets	