



## **Description**

1. Solid, reliable, easy to install.
2. The design is simple, easy to maintain.
3. Auto emissions of air and non-condensable gases, accelerate the equipment to warm up.
4. Quick response, no metal components of the thermal inertia.
5. Anti-water hammer, anti-freeze.
6. Emissions lower than the saturation temperature, reducing the amount of secondary steam.

## **Selection of possible applications**

The thermo-sensitive element of bimetallic trap is a bimetallic element cast through a special process by two metals of different expansion ratio. When the bimetallic element expands after heated, different expansion ratio results in bending.

## **Selection of possible flow media**

Steam

## FP Bimetallic steam traps

FP61 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	Weights
FP61	15.20.25	114	69	21	2.2



FP61F Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	Weights
FP61F	15	150	52	43	4.5
	20	150	52	43	4.2
	25	160	52	43	4



### Size and connections

½", ¾", 1" BSP/NPT, Flange/Butt/Socket EN 1092-1 PN40, ANSI B 16.5 Class 150, ANSI 300

### Materials

Body & Cover	Carbon steel	DIN 17243 C22.8 (W/S 1.0460) ASTM A105N
Bimetallic pilot element	Stainless steel	Rau Type H46
Strainer screen	Stainless steel	AISI 304
Cover gasket	Stainless steel Exfoliated Graphite	
Cover bolt	(M10×30)Stainless steel	A2-70

### Limits (ISO 6552)

conditions

PMA -

TMA -

maximum cold hydraulic test pressure of:

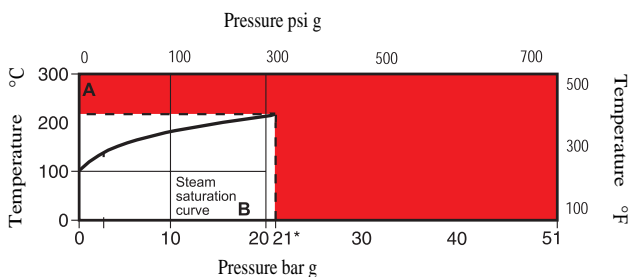
319 psi/PN22

580 psi g/40 bar g

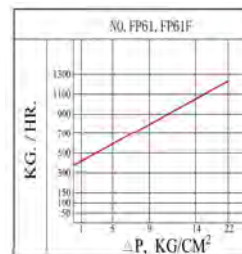
572°F/300°C

725 psi/50 bar

### Temperature and Pressure limits



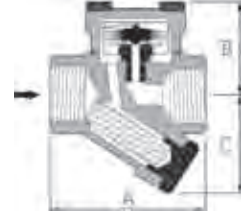
### Capacities (Drainage line size number is pore size)



## FP Bimetallic steam traps

FP64 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	Weights
FP64	15.20	83	51	54	1.4
	25	90	54	57	1.9



FP64F Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	Weights
FP64F	15	150	51	54	2.7
	20	150	51	54	3.2
	25	160	63	63	3.8



### Size and connections

½", ¾", 1" BSP/NPT, Flange/Butt/Socket EN 1092-1 PN40, ANSIB 16.5 Class 150, ANSI 300

### Materials

Body&Cover	Carbon steel	DIN 17243 C22.8 (W/S 1.0460) ASTMA105N
Bimetallic pilot element	Stainless steel	Rau Type H46
Strainer screen	Stainless steel	AISI 304
Cover gasket	Stainless steel Exfoliated Graphite	
Cover bolt	(M10×30)Stainless steel	A2-70

### Limits (ISO 6552)

conditions

PMA -

TMA -

maximum cold hydraulic test pressure of:

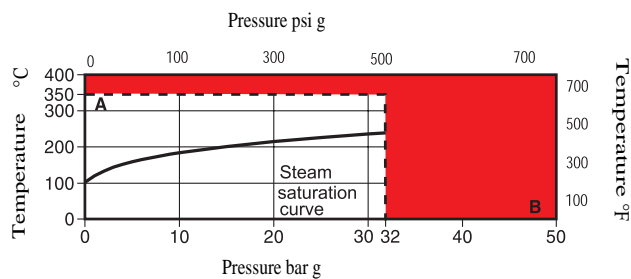
464 psi/PN32

464 psi g/32 bar g

662°F/350°C

942 psi/65 bar

### Temperature and Pressure limits



### Capacities(Drainage line side number is pore size)

