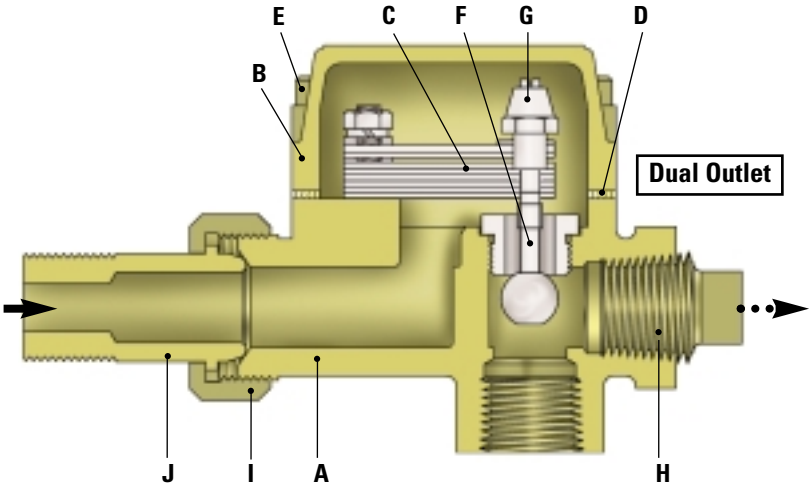
VELAN SPACE HEATING STEAM TRAPS

Type ACF Bimetallic Heating Trap For Radiators, Convectors, Low & High Pressure Heating Systems



STANDARD MATERIALS

PART		MATERIALS
A	Body	Brass pressing (CZ122)
B	Cover	Same as body material
C	Bimetal element	Truflex GB-14
D	Cover gasket	Wire reinforced graphite filler
E	Cover bolts	Chrome moly. alloy
F	Stem & ball	Stainless steel
G	Self-lock adjusting nut	Stainless steel
H	Plug	Carbon steel
I	Union nut	Brass
J	Male union	Brass

DESIGN FEATURES

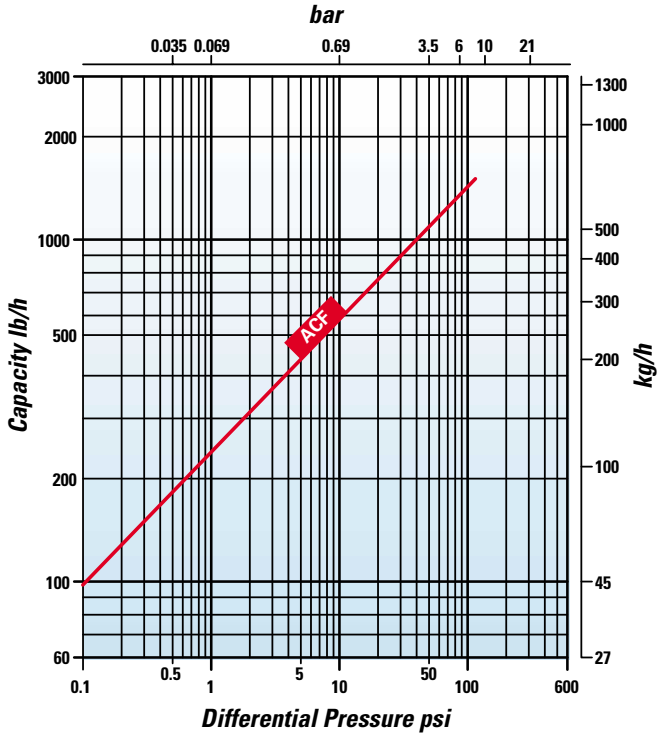
- **Positive closing**. Every Velan trap closes tightly at saturated steam temperature.
- **Simple Maintenance**
  Operating parts are contained in one easily accessible unit for quick and easy maintenance.
- **Stainless Steel Trim**
- **No bellows** to be damaged by water hammer. An automatic release in Velan traps.
- **Horizontal or vertical installation and dual outlet**
- **Freezeproof installation**
  Velan traps drain completely when cold, and are therefore freezeproof without insulation.
- **Automatic air venting - good discharge capacity**
  Air and cold condensate is discharged through a full orifice efficiently ensuring fast warm-up of equipment.
- **Compact & efficient design**. Operating parts are contained in one unit – quick & easy access.

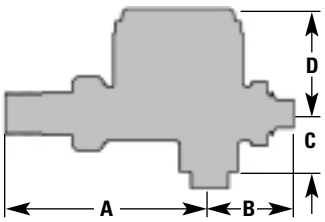
APPLICATIONS

- Natural draught convectors, • Steam radiators,
- Hot tables & cupboards, • Small coils, Tea kettles,
- Vacuum systems & Air venting.

CAPACITY

The performance graph *indicates the continuous discharge capacities of condensate per hour at various pressure differentials across the trap.*





DIMENSIONS & WEIGHTS

TYPE	SIZE in mm	A Face to Face	B Center to Plug	C Center to Bottom	D Center to Top	Weight lb kg
ACF	1/2 15	3 1/4 83	1 1/8 29	1 1/2 38	2 51	1.5 0.68

ENGINEERING DATA

PRESSURE RANGE psi/bar	MATERIAL	MAX. TEMP. °F/°C	ORIFICE in/mm	MAX. CAPACITY lb/h kg/h
0-40 0-3	Brass Pressing CZ122	388 198	3/8 9.5	1,000 455
0-120 0-8				1,600 727