



DOUGLAS ITALIA Steam Trap Technologies

Advanced solutions for downstream
oil and gas applications



DOUGLAS ITALIA Technologies

The Cameron portfolio of DOUGLAS ITALIA* steam trap and strainer technologies offers a complete line of steam traps to meet process applications around the world.

- Thermodynamic
- Thermostatic
 - Balanced pressure
 - Bimetallic
- Inverted bucket
- Ball float

DOUGLAS ITALIA technologies include

- steam distribution manifolds
- condensate recovery manifolds
- steam trap stations
- sight glasses

Thermodynamic Steam Traps

Sizes, in [mm]	½ to 2 [15 to 50]
Maximum operating pressure (gauge), psi [bar]	2,175 [150]
Materials	Carbon steel, stainless steel, and alloy steel



Balanced-Pressure Steam Traps

Sizes, in [mm]	½ to 2 [15 to 50]
Maximum operating pressure (gauge), psi [bar]	465 [32]
Materials	Carbon steel, stainless steel, and alloy steel



Low- and Medium-Pressure Bimetallic Steam Traps

Sizes, in [mm]	½ to 4 [15 to 100]
Maximum operating pressure (gauge), psi [bar]	1,160 [80]
Materials	Carbon steel, stainless steel, and alloy steel



High-Pressure Bimetallic Steam Traps

Sizes, in [mm]	½ to 2 [15 to 50]
Maximum operating pressure (gauge), psi [bar]	1,595 [110]
Materials	Carbon steel, stainless steel, and alloy steel



Inverted-Bucket Steam Traps

Sizes, in [mm]	½ to 1 [15 to 25]
Maximum operating pressure (gauge), psi [bar]	1,015 [70]
Materials	Carbon steel, stainless steel, and alloy steel



High-Capacity Inverted-Bucket Steam Traps

Sizes, in [mm]	1 to 2 [25 to 50]
Maximum operating pressure (gauge), psi [bar]	798 [55]
Materials	Carbon steel, stainless steel, and alloy steel



Ball Float Steam Traps

Sizes, in [mm]	½ to 2 [15 to 50]
Maximum operating pressure (gauge), psi [bar]	580 [40]
Maximum differential pressure (gauge), psi [bar]	465 [32]
Materials	Carbon steel, stainless steel, and alloy steel



High-Capacity Ball Float Steam Traps

Sizes, in [mm]	3 to 4 [80 to 100]
Maximum operating pressure (gauge), psi [bar]	580 [40]
Maximum differential pressure (gauge), psi [bar]	465 [32]
Materials	Carbon steel, stainless steel, and alloy steel



High-Pressure Ball Float Steam Traps

Sizes, in [mm]	¾ to 3 [20 to 80]
Maximum operating pressure (gauge), psi [bar]	1,088 [75]
Materials	Carbon steel, stainless steel, and alloy steel



Forged Compact Trap Station

Sizes, in [mm]	½ to 1 [15 to 25]
Maximum operating pressure (gauge), psi [bar]	600 [41.4]
Materials	Carbon steel, stainless steel, alloy steel, and LTCS
Suitable connections available	Thermostatic steam traps
	Inverted bucket steam traps
	Thermodynamic steam traps



Forged Piston Manifolds

Connection sizes, in [mm]	½ to ¾ [15 to 20]
Classes	Up to 600
Materials	Carbon steel (insulation jacket available)

Sight Glasses

Sizes, in [mm]	½ to 12 [15 to 300]
Classes	Up to 300
Materials	Carbon steel, stainless steel, and alloy steel



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