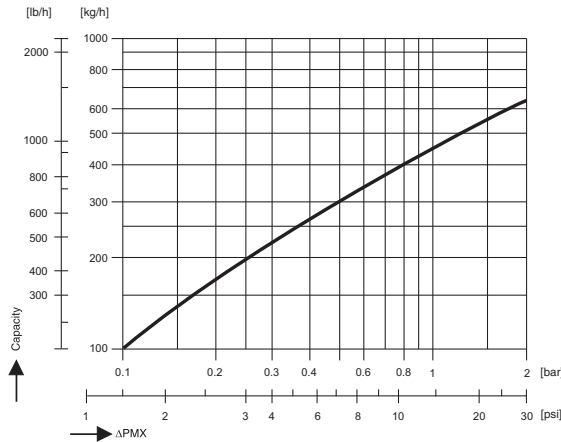


Gestra® Specialty Trap • Condensate Drain Valve

AK 45

Class Rating: Class 300

Available Sizes: ½", ¾" and 1"
(DN 15, 20 and 25)



Capacity Charts

The chart shows the maximum capacity for cold condensate. The capacities are a function of differential pressure or the difference between inlet and outlet pressures for the trap.

The curve shows the maximum capacity when discharging cold condensate at a temperature of **68°F (20°C)**. For example, at a differential pressure of **14.5 psi (1 bar)**, the maximum cold capacity is approximately **900 lb/hr**.

Body Pressure/Temperature Rating

The chart shows the maximum shell (body) pressure and temperature rating. Operating differential pressure is limited to **320 psi**.

Pressure / Temperature Ratings				
Maximum Service Pressure	[psig]	465	320	305
	[barg]	32	22	21
Related Temperature	[°F]	482	725	842
	[°C]	250	385	400

Material/Test Certificates

All inspection requirements must be stated at time of order. Test certificates can be issued on request in accordance with EN 10204 – 2.2 and -3.1B. Heat Codes from body and cover are required.

Available End Connections

NPT, BSP

ANSI 150 RF, 300 RF

DIN PN 40

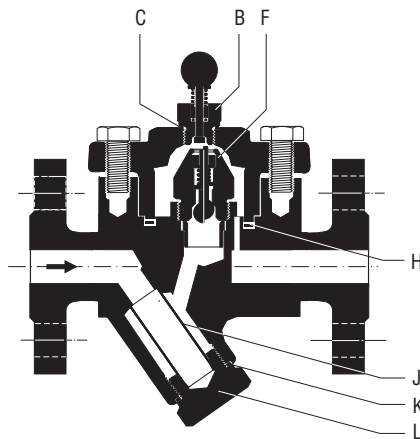
How to Order

Specify trap, end connection size and type.

For Example: AK 45 ½" NPT

If ANSI flanged ends are required, please specify either ANSI 150 RF or ANSI 300 RF.

Please add "w/BOV" as a suffix if optional blowoff valve is desired.



Standard Spare Parts		
Item Number	Description	AK 45
B	Hand Purging Knob	375435
C	Gasket	375878I
F	Valve Insert	375434
H	Cover Gasket	375159I
J, K, L	Complete Strainer Set	375113
K	Strainer Plug Gasket	375162I