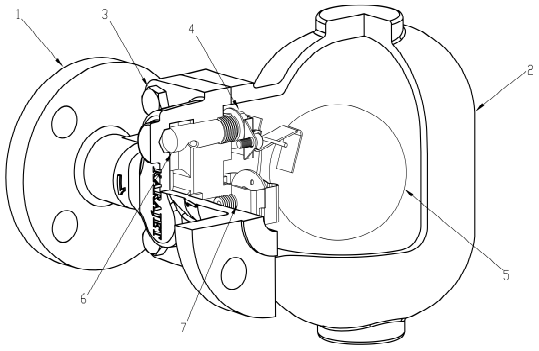
KARAJET® Group

FT44 Ball Float Steam Trap

Description

FT44 is a float and thermostatic trap for low to medium pressures. The body is carbon steel and working internals are stainless steel. Both screwed and flanged connections are available. These horizontal traps are easy to maintain



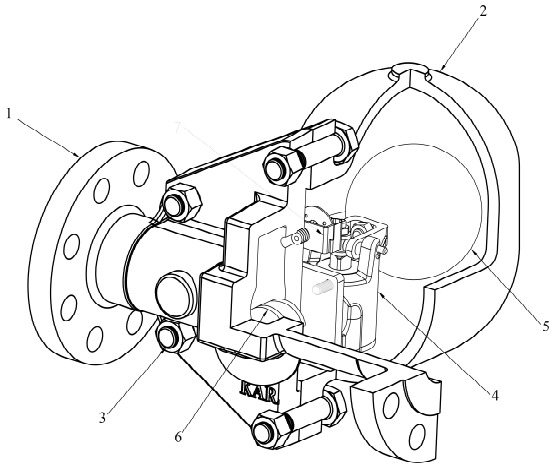
FT44 1"

Thermostatic element

The thermostatic element is designed to vent air in startup and prevent steam loss when operating.

Material

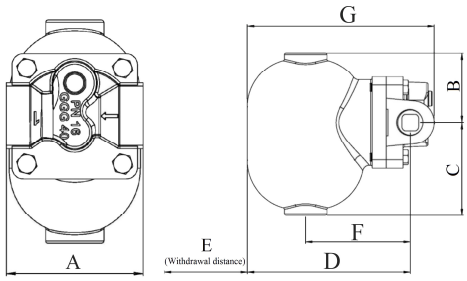
NO.	Part	Material
1	Body	A216WCB
2	Cover	A216WCB
3	Cover bolts and nuts	Carbon steel
4	Valve seat	Stainless steel
5	Ball float and lever	Stainless steel
6	Erosion deflector	Stainless steel
7	Air vent assembly	Stainless steel



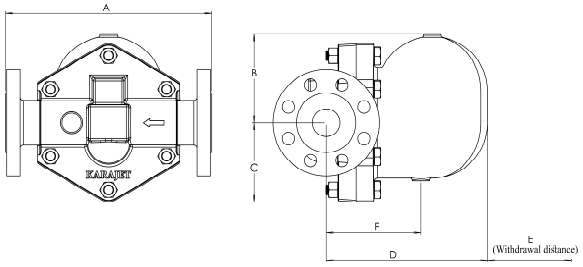
FT44 2"

Dimensions / weights (approximate) in mm and kg

Screwed								
Size	A	B	C	D	E	F	G	Weight
1" HC	120	84	111	195	160	125	224	6.8
$1\frac{1}{4}$"	120	84	111	195	160	125	224	6.9
$1\frac{1}{2}$"	270	125	125	250	200	147	290	17.5
2"	300	125	125	250	200	147	290	22.0



Flanged									
Size	A		B	C	D	E	F	Weight	
	#150	#300						#150	#300
$\frac{1}{2}$"	203	209	84	111	205	120	135	8.3	8.7
$\frac{3}{4}$"	206	213	84	111	205	120	135	8.6	9.3
1"	209	216	84	111	205	170	135	9	10.1
$1\frac{1}{2}$"	314	320	138	125	251	200	147	28.5	30.6
2"	314	320	138	125	251	200	147	29.2	30.7



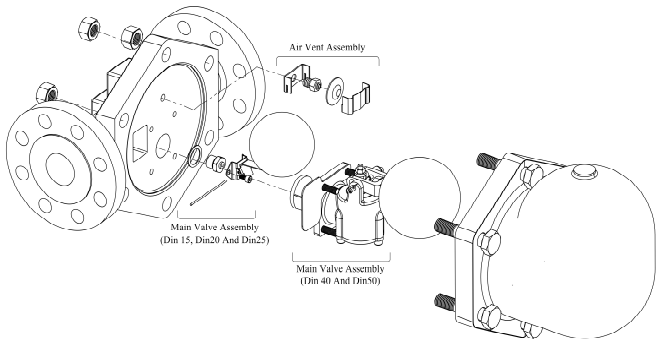
Phone:051-35413212 **Email**: info@karajet.com **Website**: www.karajet.com

KARAJET®
Group

FT44 Ball Float Steam Trap

Available spares

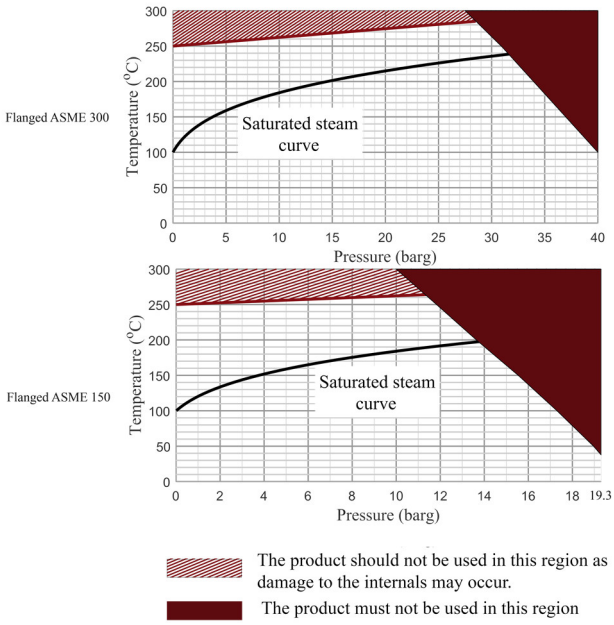
Main valve assembly
Ball float ($1\frac{1}{2}$" and 2")
Air vent assembly
Complete set of gaskets



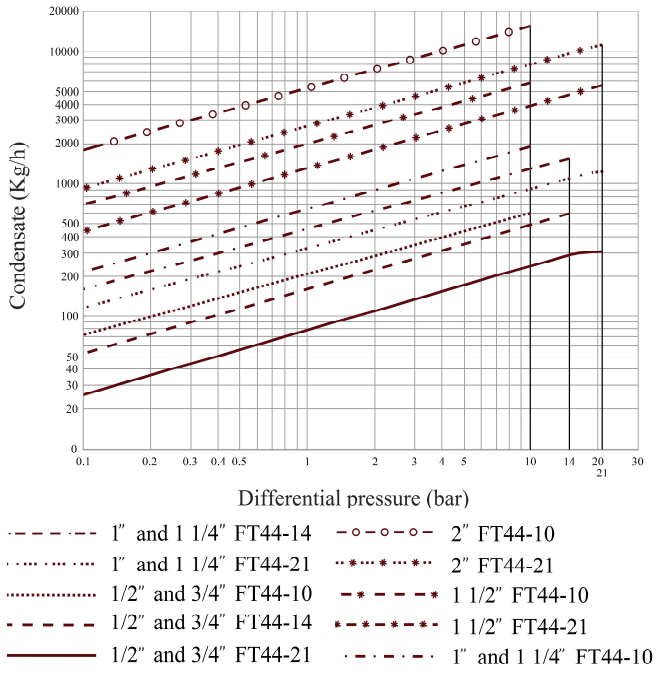
Pressure / temperature limits

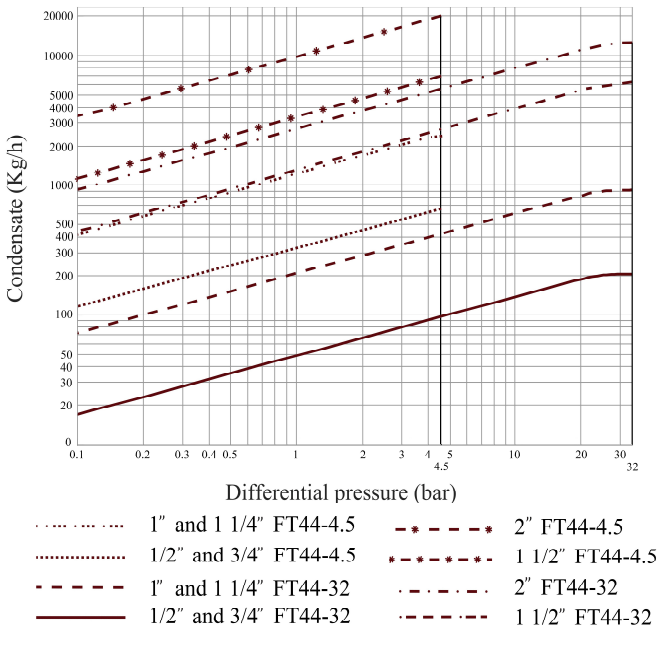
# Flange	#150	#300
Body design conditions	PN40	PN40
PMA (Maximum allowable pressure)	19.3 barg @ 37.8°C	40 barg @ 100 °C
TMA (Maximum allowable temperature)	300 °C @ 10barg	300 °C @ 27.5 barg
PMO (Maximum operating pressure for saturated steam service) Note1	13.8 barg @ 197.2°C	32 barg @ 239 °C
TMO (Maximum operation temperature)	263.7 °C @ 11.3barg	285 °C @ 28.5barg
Min. allowable temperature	-10 °C	-10 °C
Min. operating temperature For lower temperatures consult Karajet.	0 °C	0 °C
Max. cold hydraulic test pressure Note2	27 barg	60 barg
△PMX (Max differential pressure)	Refer to capacity charts below.	

Note1: The 1 ½″ and 2″ traps are limited to a PMO equal to △PMX.
Note2: With internals fitted, test pressure must not exceed △PMX.



Capacities





Phone:051-35413212 **Email**: info@karajet.com **Website**: www.karajet.com