

(ST-B1 / ST-B2 / ST-B3 / ST-B4) CAST IRON INVERTED BUCKET STEAM TRAP



ST-B1B2



ST-B3



ST-B4

(ST-B1 / ST-B2 / ST-B3 / ST-B4) CAST IRON INVERTED BUCKET STEAM TRAP

MATERIAL

PARTS	Material
Cap and Body	Tensile Cast FC22
Valve Seat	Heat Treated Chrome Steel
Valve	Heat Treated Chrome Steel
Gasket	Compressed Non-Asbestos
Lever	SUS 304
Valve Retainer	SUS 304
Bucket	Stainless Steel SUS 304
Integral Strainer	Stainless Steel SUS 304
Water Hammer Resister	Steel

When placing order of Steam Trap, please indicate with:

1. Model number.
2. Dimension of pipe connection: Screwed end: BSPT or NPT.
3. Specify type of flanged in detail: Flanged end: JIS 10K or ANSI 150 LBS.
4. Operating pressure setting: 3K / 5 K / 10K / 14K / 18K.

(Maximum : 18 kg/cm²)

SCREWED TYPE							
Model	Connection	L	H	H1	A	Weight (kg)	M.O.P. kg/cm²
B1	1/ 2" , 3/ 4" , 1"	128	100	175	96	3.5	18
B2	3/ 4" , 1"	168	133	228	144	7.2	18
B3	1"	198	173	296	178	13.5	18
B4	1.1/ 4" , 1.1/ 2"	232	185	347	203	21	18

CONNECTION: BSPT, NPT ARE AVAILABLE.

(ST-B1A / ST-B2A / ST-B3A) CAST IRON INVERTED BUCKET AIR TRAP



ST-B1A



ST-B2A



ST-B3A

(ST-B1A / ST-B2A / ST-B3A) CAST IRON INVERTED BUCKET AIR TRAP

MATERIAL

PARTS	Material
Cap and Body	Tensile Cast FC22
Valve Seat	Heat Treated Chrome Steel
Valve	Heat Treated Chrome Steel
Gasket	Compressed Non-Asbestos
Lever	SUS 304
Valve Retainer	SUS 304
Bucket	Stainless Steel SUS 304
Integral Strainer	Stainless Steel SUS 304
Water Hammer Resister	Steel

When placing order of Air Trap, please indicate with:

1. Model number.
2. Dimension of pipe connection: Screwed end: BSPT or NPT.
3. Specify type of flanged in detail: Flanged end: JIS 10K or ANSI 150 LBS.
4. Operating pressure setting: 3.5 K / 10K / 14K / 18K. (Maximum : 18 kg/cm²)

SCREWED TYPE

Model	Connection	L	H	H1	A	Weight (kg)	M.O.P. kg/ cm²
B1A	1/ 2" , 3/ 4" , 1"	128	100	175	96	3.5	18
B2A	3/ 4" , 1"	168	133	228	144	7.2	18
B3A	1"	198	173	296	178	13.5	18

CONNECTION: BSPT, NPT ARE AVAILABLE.

(ST-B1A / ST-B2A / ST-B3A) CAST IRON INVERTED BUCKET AIR TRAP



ST-B1A



ST-B2A



ST-B3A

(ST-B1A / ST-B2A / ST-B3A) CAST IRON INVERTED BUCKET AIR TRAP

MATERIAL

PARTS	Material
Cap and Body	Tensile Cast FC22
Valve Seat	Heat Treated Chrome Steel
Valve	Heat Treated Chrome Steel
Gasket	Compressed Non-Asbestos
Lever	SUS 304
Valve Retainer	SUS 304
Bucket	Stainless Steel SUS 304
Integral Strainer	Stainless Steel SUS 304
Water Hammer Resister	Steel

When placing order of Air Trap, please indicate with:

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SCREWED TYPE

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CONNECTION: BSPT, NPT ARE AVAILABLE.



AL OMRANIYA TRADING CO. L.L.C.

(ST-8LS) CAST IRON STEAM TRAP 16K SCREWED END



(ST-8LS) CAST IRON STEAM TRAP 16K SCREWED END

* Please name the model No. (ST-8LS) when negotiation.

* Thread: BS21, ANSI B2.1 or DIN-259.

* Max. Temperature: 220°C

* Test Pressure: Body 32 kgf/cm² (Hydrostatic)

* Working Pressure: 0.3 kgf/cm² – 16 kgf/cm²

ST-8LS

Material:

Model:	ST-8LS
Body	IRON
Bonnet/Plug	IRON
Seat	SS 410
Disc	SS 304
Seal	PTFE
Packing	PTFE
Screen	SS 304

DIMENSION					mm
Size	inch	1/2	3/4	1	
	mm	15	20	25	
L		95	105	110	
H		56	65	70	

Capacity:

Kgf/H

Press kg/cm ²	0.3	0.6	1	2	3	4	5	6	8	10	12	14	16
15	160	205	250	320	380	420	460	490	540	590	630	660	690
20	230	295	360	460	530	590	640	690	770	840	900	960	1000
25	290	380	460	590	680	760	820	880	980	1060	1130	1200	1260

(ST-T3B) CAST IRON STEAM TRAP 16K WITH BLOW-OFF SCREWED END



ST-T3B

(ST-T3B) CAST IRON STEAM TRAP 16K WITH BLOW-OFF SCREWED END

* Please name the model No. (ST-T3B) when negotiation.

* Thread: BS21, ANSI B2.1 or DIN-259.

* Max. Temperature: 220°C

* Test Pressure: Body 32 kgf/cm² (Hydrostatic)

* Working Pressure: 0.3 kgf/cm² – 16 kgf/cm²

Material:

Model:	ST-T3B
Body	IRON
Bonnet/Plug	IRON
Seat	SS 410
Disc	SS 304
Seal	PTFE
Packing	PTFE
Screen	SS 304
Blow Plug	SS 410

DIMENSION								mm
Size	inch	1/2	3/4	1	1.1/4	1.1/2	2	
	mm	15	20	25	32	40	50	
L		97	105	112	184	187	210	
H		76	78	83	109	114	123	

Capacity:

		Kgf/H												
P kg/cm ²		0.3	0.6	1	2	3	4	5	6	8	10	12	14	16
15 – 25		183	220	253	300	345	385	420	450	510	570	630	690	740
32		350	410	490	620	730	820	900	960	1080	1200	1320	1440	1560
40		440	520	610	780	900	1000	1090	1180	1350	1500	1650	1790	1930
50		460	560	670	850	1000	1110	1220	1320	1500	1680	1860	2030	2200



ST-T3A

(ST-T3A) CAST IRON STEAM TRAP 16K SCREWED END

* Please name the model No. (ST-T 3A) when negotiation.

* Thread: BS21, ANSI B2.1 or DIN-259.

* Max. Temperature: 220°C

* Test Pressure: Body 32 kgf/cm² (Hydrostatic)

* Working Pressure: 0.3 kgf/cm² – 16 kgf/cm²

Material:

Model:	ST-T 3A
Body	IRON
Bonnet/Plug	IRON
Seat	SS 410
Disc	SS 304
Seal	PTFE
Packing	PTFE
Screen	SS 304

DIMENSION

mm

Size	inch	1/2	3/4	1	1.1/4	1.1/2	2
	mm	15	20	25	32	40	50
L		97	105	112	184	187	201
H		54	56	61	87	92	101

Capacity:

Kgf/H

Press													
kg/cm ²	0.3	0.6	1	2	3	4	5	6	8	10	12	14	16
15 – 25	183	220	253	300	345	385	420	450	510	570	630	690	740
32	350	410	490	620	730	820	900	960	1080	1200	1320	1440	1560
40	440	520	610	780	900	1000	1090	1180	1350	1500	1650	1790	1930
50	460	560	670	850	1000	1110	1220	1320	1500	1680	1860	2030	2200

(ST-T3F) CAST IRON STEAM TRAP 16K FLANGED END



ST-T3F

(ST-T3F) CAST IRON STEAM TRAP 16K FLANGED END

* Please name the model No. (ST-T 3F) when negotiation.

* End Flange Dimensions: Acc. to JIS 10K or ANSI 150 LBS .

* Max. Temperature: 220°C

* Test Pressure: Body 32 kgf/cm² (Hydrostatic)

* Working Pressure: 0.3 kgf/cm² – 16 kgf/cm²

Material:

Model:	ST-T 3F
Body	IRON
Bonnet/Plug	IRON
Seat	SS 410
Disc	SS 304
Seal	PTFE
Packing	PTFE
Screen	SS 304

DIMENSION								mm
Size	inch	1/2	3/4	1	1.1/4	1.1/2	2	
	mm	15	20	25	32	40	50	
L		142	160	182	244	244	268	
H		67	73	92	107	107	125	

Capacity:	Kg/H												
P kg/cm ²	0.3	0.6	1	2	3	4	5	6	8	10	12	14	16
15 – 25	183	220	253	300	345	385	420	450	510	570	630	690	740
32	350	410	490	620	730	820	900	960	1080	1200	1320	1440	1560
40	440	520	610	780	900	1000	1090	1180	1350	1500	1650	1790	1930
50	460	560	670	850	1000	1110	1220	1320	1500	1680	1860	2030	2200



ST-T6A

(ST-T6A) CAST IRON STEAM TRAP MANUAL TYPE SCREWED END

* Please name the model No. (ST-T 6A) when negotiation.

* Thread: BS21, ANSI B2.1 or DIN-259.

* Max. Temperature: 220°C

* Test Pressure: Body 32 kgf/cm² (Hydrostatic)

* Working Pressure: 0.3 kgf/cm² – 16 kgf/cm²

Material:

Model:	ST-T 6A
Body	IRON
SCREEN	SS 304
GASKET	ASBESTOS
NUT	IRON
BODY CAP	IRON
NUT	IRON
DISC	SS 420
DRAIN PLUG	SS 304
WASHER	ASBESTOS

DIMENSION		mm					
Size	inch	1/2	3/4	1	1.1/4	1.1/2	2
	mm	15	20	25	32	40	50
L		98	105	115	173	173	203
H		68	75	88	115	115	120
Weight (Kg)		2.5	3.0	3.5	5.5	5.5	7.5



ST-T6F

(ST-T6F) CAST IRON STEAM TRAP MANUAL TYPE FLANGED END

* Please name the model No. (ST-T 6F) when negotiation.
* End Flange Dimensions: Acc. to JIS 10K or ANSI 150 LBS .
* Max. Temperature: 220°C
* Test Pressure: Body 32 kgf/cm ² (Hydrostatic)
* Working Pressure: 0.3 kgf/cm ² – 16 kgf/cm ²

Material:

Model:	ST-T 6F
Body	IRON
SCREEN	SS 304
GASKET	ASBESTOS
NUT	IRON
BODY CAP	IRON
NUT	IRON
DISC	SS 420
DRAIN PLUG	SS 304
WASHER	ASBESTOS

DIMENSION

mm

Size	inch	1/2	3/4	1	1.1/4	1.1/2	2
	mm	15	20	25	32	40	50
L		145	163	170	205	205	245
H		68	75	87	110	110	115
Weight (Kg)		3.0	4.0	5.5	8.0	8.5	10.5



AL OMRANIYA TRADING CO. L.L.C.

(UN-317) THERMODYNAMIC ST.ST.316 STEAM TRAP



UN-317

(UN-317) THERMODYNAMIC ST.ST.316 STEAM TRAP THERMODYNAMIC ST.ST.316 STEAM TRAP

MODEL: UN-317 (ANSI 4.5 - 600LBS, DIN PN 0.3- 40)

MATERIALS:

BODY	CF8M 316	1.4408	SCS 14
CAP	CF8M 316	1.4408	SCS 14
END CAP	CF8M 316	1.4408	SCS 14
SEAT	CF8M 316	1.4408	SCS 14
DISC	AISI 420	1.4034	SUS 420
SCREEN	AISI 304	1.4301	SCS 13
GASKET	RED BRONZE (JIS C1100)		

SPECIFICATIONS:

- ◆ Working Pressure: ANSI 4.5~600LBS. DIN PN 0.3~40. JIS 0.3~ 40KG/CM²
- ◆ Test Pressure: Body: 1200 PSI. PN 80. 80 KG/CM²
- ◆ Working Temperature: Max allowable 250°C / 482°F
Body: Max 400°C / 752°F
- ◆ Thread end: BS21, ANSI B2.1 or DIN 259.
- ◆ Special order: for size 3/8" and Socket Weld end Acc. to ANSI B16.1
- ◆ Max. back pressure should not exceed 80% of inlet pressure.

DIMENSION: mm

	L	H	H ₁
3/8"	76.9	53.4	38.9
1/2"	76.9	53.4	38.9
3/4"	87.4	56.6	41.2
1"	92.5	61.6	44.0

CAPACITY:**kg/h**

PRESSURE SIZE	0.3	1	2	3	5	8	10	20	30	40
3/8"	130	150	170	190	220	320	390	560	660	750
1/2"	160	180	200	240	300	380	420	600	760	900
3/4"	260	240	300	360	430	550	600	900	1100	1300
1"	320	380	480	530	680	800	900	1300	1650	1800

(ST-02) THERMODYNAMIC ST.ST.316 STEAM TRAP



ST-02

(ST-02) THERMODYNAMIC ST.ST.316 STEAM TRAP**MODEL: ST-02**

THERMODYNAMIC ST.ST.316 STEAM TRAP PN40 ANSI 600 LBS .

SCREWED END TO BS21, ANSI B2.1 OR DIN-259. BODY: INVESTMENT CF 8M

SIZE: 1/2" ~ 1"

(ST-03) THERMODYNAMIC ST.ST.316 STEAM TRAP



ST-03

(ST-03) THERMODYNAMIC ST.ST.316 STEAM TRAP

MODEL: ST-03

THERMODYNAMIC ST.ST.316 STEAM TRAP PN40 ANSI 600 LBS .
SCREWED END TO BS21, ANSI B2.1 OR DIN-259. BODY: INVESTMENT CF 8M
SIZE: 1/2" ~ 1"
