



# DSC CAST IRON INVERTED BUCKET AIR TRAPS

No.981A ~ 686FA SERIES

MOP 41K



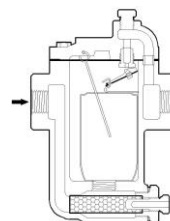
- INVERTED BUCKET TYPE AIR TRAP IS EXCELLENT TO DISCHARGE WATER AND OIL FROM COMPRESSED AIR SYSTEM.
- SEAT AND VALVE ARE LOCATED AT TOP OF INVERTED BUCKET TYPE AIR TRAP, ONCE THE VALVE OPEN, FIRST DISCHARGE A LITTLE AMOUNT OF AIR, OIL AND WATER, THEN CLOSE, THE OPERATION CYCLES AGAIN.
- PRIME IS NEEDED DURING OPERATION. WHEN AIR COMES IN. WITHOUT WATER SEAT AND VALVE OF BUCKET TRAP CAN NOT CLOSE. IT IS NECESSARY TO PRIME BUCKET TRAP BEFORE NEW INSTALLATION, OR AFTER SHUT DOWN FOR A PERIOD OF TIME.
- IF THE BUCKET TRAP IS COMPLETELY CLOGGED WITH HEAVY GREASE, CLEANING IS REQUIRED.
- CUSTOM MADE INVERTED BUCKET TYPE AIR TRAP FOR OPERATING PRESSURE OVER 40 KG/CM<sup>2</sup> IS ACCEPTABLE, CONSULT FACTORY.
- THREE YEARS WARRANT AGAINST MATERIAL WEAR OUT.

## WATER DISCHARGE CAPACITY IN KG/HR.

No.	ΔP, KG/CM <sup>2</sup>								
	4K	8K	10K	14K	17K	20K	28K	35K	41K
981A、991A、41A	360	400	500	640	700				
982A、992A、42A	400	600	680	800	860				
983A、993A、43A	1180	1600	1800	2000	2250				
984A、994A、44A	1600	2050	2500	2900	3200				
985A、995A、45A	2600	3600	4000	5000	5700				
996A、46A	5000	6000	7700	8600	10000				
680A、680FA	200	280	300	380	410	480	540		
681A、681FA、781A、781FA	200	280	300	380	410	480	540	630	660
683A、683A、643A、643FA	570	770	820	1000	1100	1250	1400	1650	1680
644A、644FA	820	1150	1250	1540	1700	1850	2100	2400	2600
685A、685FA、645A、645FA	1200	1500	1590	2100	2280	2550	2950	3320	3650
686A、686FA、646A、646FA	2100	2800	3350	3900	4100	4800	5400	6100	6600

## CONSTRUCTION OF MATERIALS

CAP & BODY	981A ~ 996A	ASTM A48.CAST IRON
	680A ~ 686FA	ASTM A216 WCB
	781A ~ 781FA	CF8
BUCKET	S.S.304	
MECHANISM	S.S.304	
SCRUBBING WIRE	S.S.304	
SEAT & VALVE	CHROME STEEL HARDEND	
GASKET	COMPRESSED NON-ASBESTOS	
STRAINER	STAINLESS STEEL	
BOLTS & NUTS	981A ~ 996A	CARBON STEEL
	680A ~ 686FA	ASTM - B7 & ASTM - 2H
	781A ~ 781FA	S.S.304



### OPERATION: SCRUBBING WIRE – SW

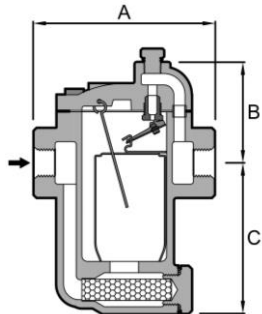
A stainless steel wire put on cap to prevent clogging vent hole of bucket dunning operation.



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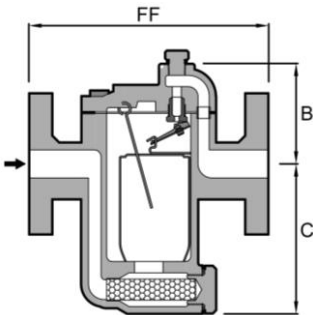
MOP 41K



## No.980A SERIES DIMENSIONS(MM). MOP(KG/CM). WT(KG)

No.	CONN.SE*	A	B	C	MOP	WT.
980	15.20	128	76	70	10	2.2
981	15.20.25	128	76	100	17	2.8
982	20.25	170	96	137	17	7
983	25.32	202	121	193	17	13
984	32.40	232	150	213	17	21
985	40.50	242	148	248	17	26

\* NPT. BSPT AVAILABLE.

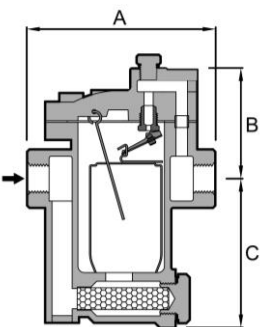


## No. 991A SERIES

No.	CONN.FE*	FF	B	C	MOP	WT.
991	15.20.25	170	76	100	17	4.6
992	20.25	218	96	137	17	9
993	25	253	121	193	17	15
994	32.40	283	150	213	17	25
995	40.50	304	148	248	17	30
996*	50.80	374	214	256	17	45

\* DIN. JIS FLANGE STANDARD. OTHER SPEC. CONSULT FACTORY.

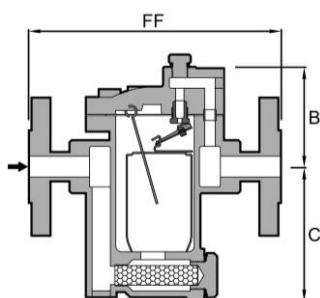
\* No.996 WITHOUT STRAINER.



## No. 680、780 SERIES

No.	CONN.SE*	A	B	C	MOP	WT.
680、780	15.20	130	73	100	28	3
681、781	15.20.25	136	105	134	41	5
682	15.20.25	168	108	136	41	10
683	25.32	196	117	196	41	20
685	40.50	250	145	250	41	43
686	50.65.80	310	210	275	41	78

\* NPT. BSPT. SW AVAILABLE.



## No. 680F、780 SERIES

No.	CONN.FE*	FF	B	C	MOP	WT.
680F、780F	15.20	234	73	100	28	6
681F、781F	15.20.25	245	105	134	41	9
682F	15.20.25	279	108	136	41	14
683F	25.32	327	117	196	41	15
685F	40.50	391	145	250	41	52
686F	50.65.80	455	210	275	41	91

\*ANSI FLANGE STANDARD. OTHER SPEC. CONSULT FACTORY.

