

Creative & Challenge toward WORLD BEST

SUN Korea Co., Ltd.

PRODUCTS

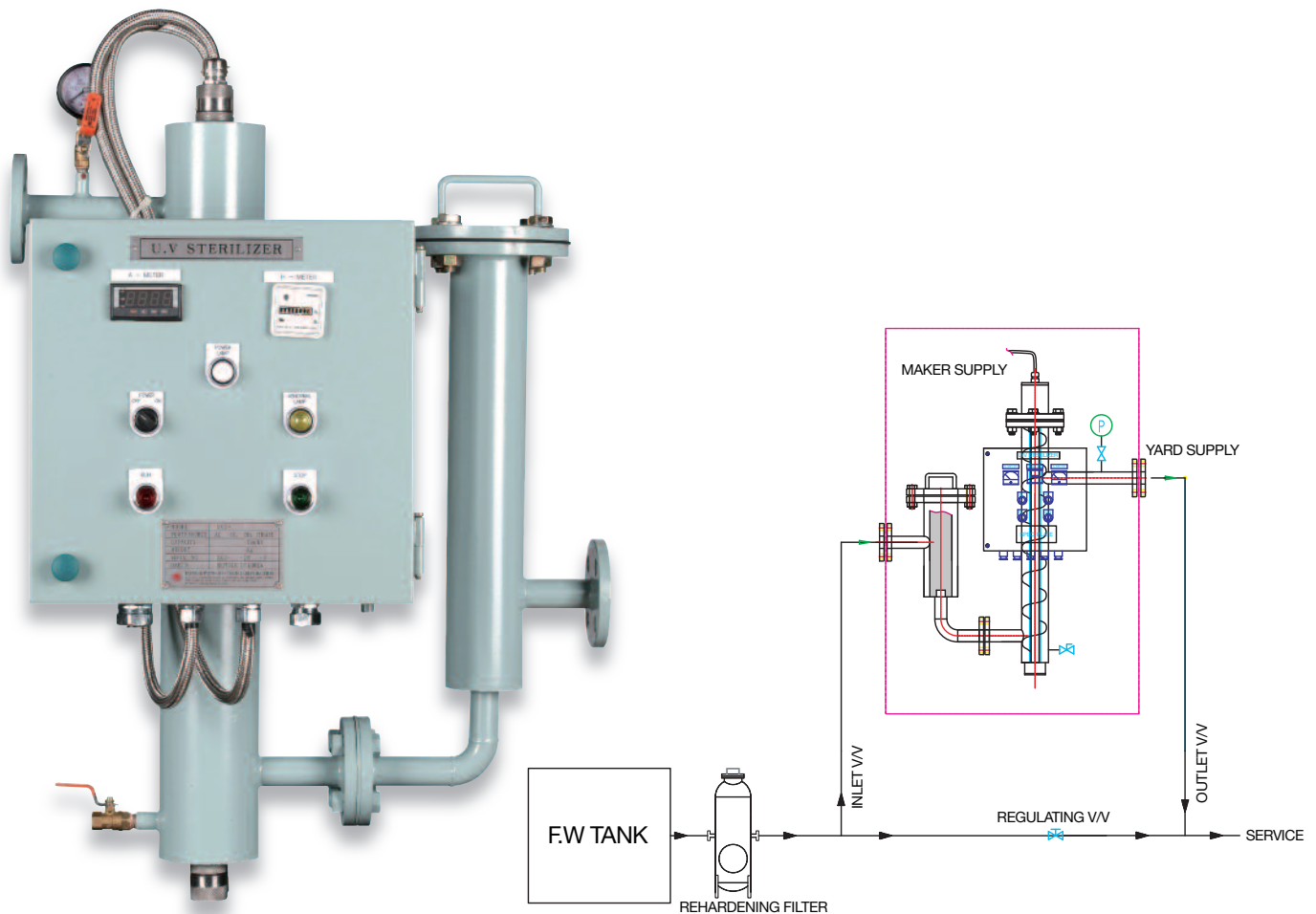
- CALORIFIER
- UV STERILIZER
- SILVER ION STERILIZER
- REHARDENING FILTER(MINERALIZER)
- HYDROPHORE TANK
- AIR DRYER (REFRIGERATED TYPE)
- DRINKING WATER FOUNTAIN
- CARBON FILTER
- GREASE TRAP



U.V STERILIZER

“SUN Korea Co., Ltd.” U.V STERILIZER removes general bacteria and colon bacteria efficiently. This U.V STERILIZER is equipped with U.V lamp which can emit large amount of ultraviolet rays. This U.V lamp will sterilize various bacteria and harmful microbes to produce pure drinking water.

U.V STERILIZER also consists of sterilizing chamber, filter housing and electric control panel.



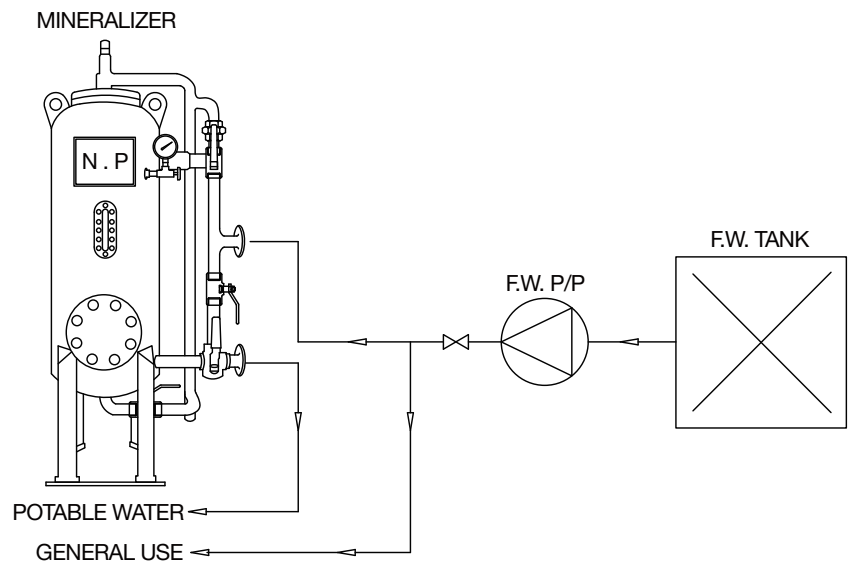
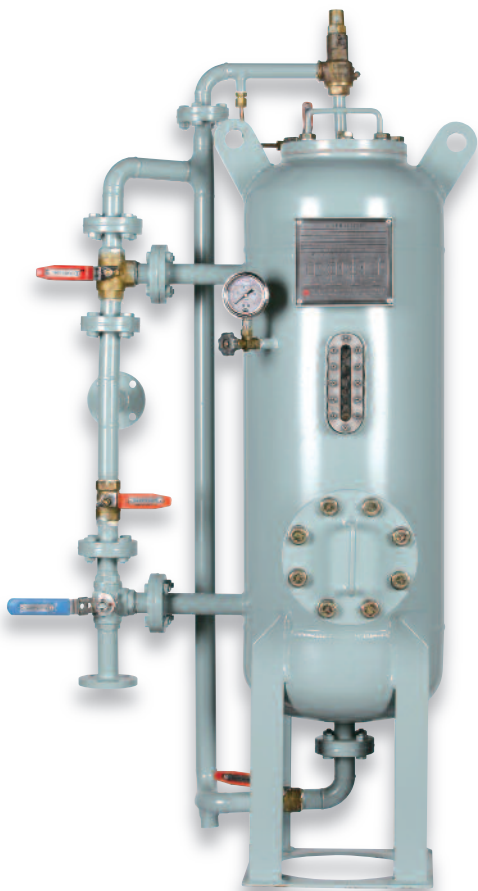
• SPECIFICATION

MODEL	CAPACITY(m ³ /Hr)		No. of Lamp
	F.W	S.W	
DKU-10	1.0	0.28	1
DKU-25	2.5	0.7	1
DKU-50	5.0	1.4	2
DKU-100	10.0	2.8	2
DKU-200	20.0	5.6	4
DKU-300	30.0	8.4	6
DKU-400	40.0	11.2	8
DKU-500	50.0	14	10

REHARDENING FILTER (MINERALIZER)

The purpose of “SUN Korea Co., Ltd.” MINERALIZER is to increase the pH value, mineral component and hardness of water generated from fresh water generator, which can not be used as drinking water.

Distilled water produced from fresh water generator enters the re-hardening -filter, which will make water absorb needed minerals from dolomite and eventually become pure drinking water.



• SPECIFICATION

MODEL	CAPACITY(m ³ /Hr)	IN/OUTLET CONNECTION	Type
DKM-10	1.0	25A	Cylindrical Tank with Dolomite
DKM-15	1.5	25A	Cylindrical Tank with Dolomite
DKM-20	2.0	25A	Cylindrical Tank with Dolomite
DKM-25	2.5	25A	Cylindrical Tank with Dolomite
DKM-30	3.0	25A	Cylindrical Tank with Dolomite
DKM-40	4.0	32A	Cylindrical Tank with Dolomite
DKM-50	5.0	32A	Cylindrical Tank with Dolomite
DKM-60	6.0	32A	Cylindrical Tank with Dolomite
DKM-80	8.0	40A	Cylindrical Tank with Dolomite
DKM-100	10.0	50A	Cylindrical Tank with Dolomite

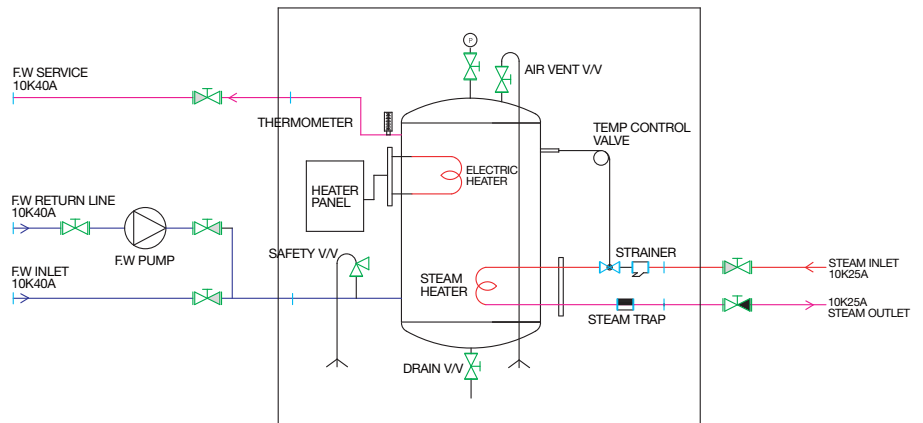
CALORIFIER



“SUN Korea Co., Ltd.” CALORIFIERS are among the most efficient and durable on the market. The equipment can be adopted to suit different needs of customers. A variety of standard sizes from 100L to 2000L are available. The equipments are fitted with internal heating coil.

Our Calorifiers is made of corrosion resistant stainless steel.

Our products come ready-connected with control panel, heating elements and thermostats. Alternative heating sources and H.W circulation pumps can also be provided.



• SPECIFICATION

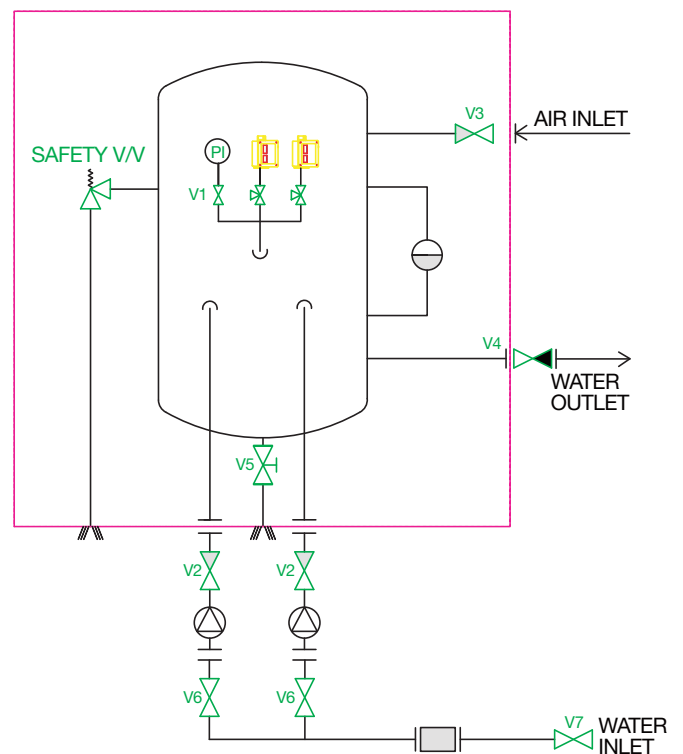
MODEL	TANK CAPACITY(LITER)	MAX. OPERATING PRESSURE	F.W TEMP.		ELECTRIC HEATER CAPACITY
			INLET	OUTLET	
DKC(S)E-100L	100	10.0Kg/Cm ²	10°C	60°C ~ 90°C	5Kw ~ 100Kw
DKC(S)E-200L	200				
DKC(S)E-300L	300				
DKC(S)E-500L	500				
DKC(S)E-700L	700				
DKC(S)E-1000L	1000				
DKC(S)E-2000L	2000				

HYDROPHORE TANK

“SUN Korea Co., Ltd. ” HYDROPHORE TANK’s roles are storing amount of water and keeping the static pressure of water.

The shape of HYDROPHORE TANK is generally vertical vessel.
 The vessel of F.W HYDROPHORE TANK is made of SUS304 or SUS316L.
 The vessel of S.W HYDROPHORE TANK is made of SUS316L.

And this tank can be preassembled with pump units before delivery as custom's requirement.

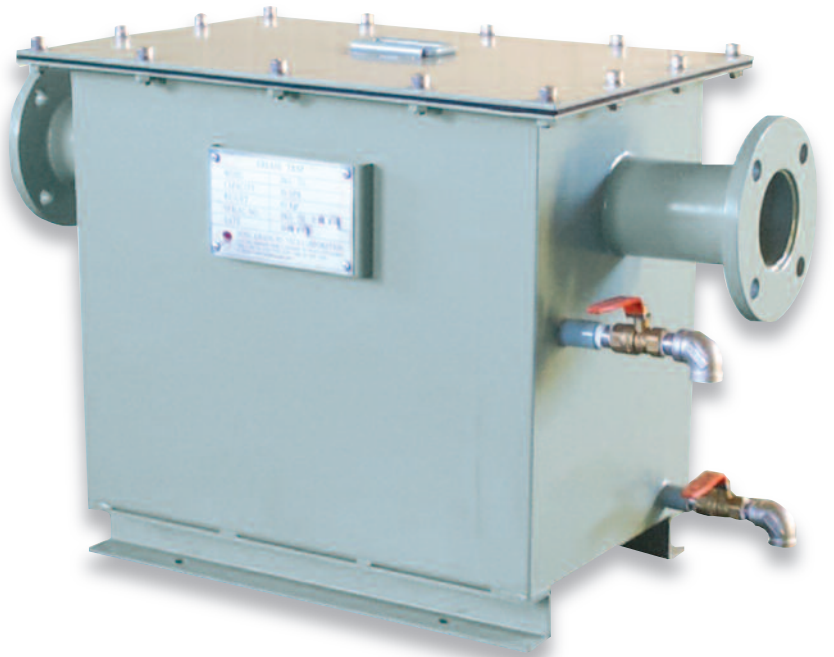


• SPECIFICATION

MODEL	TANK CAPACITY(LITER)	WEIGHT(Kg)
DKH-300L	300	ABOUT 210
DKH-500L	500	ABOUT 280
DKH-700L	700	ABOUT 390
DKH-1000L	1000	ABOUT 480
DKH-2000L	2000	ABOUT 680

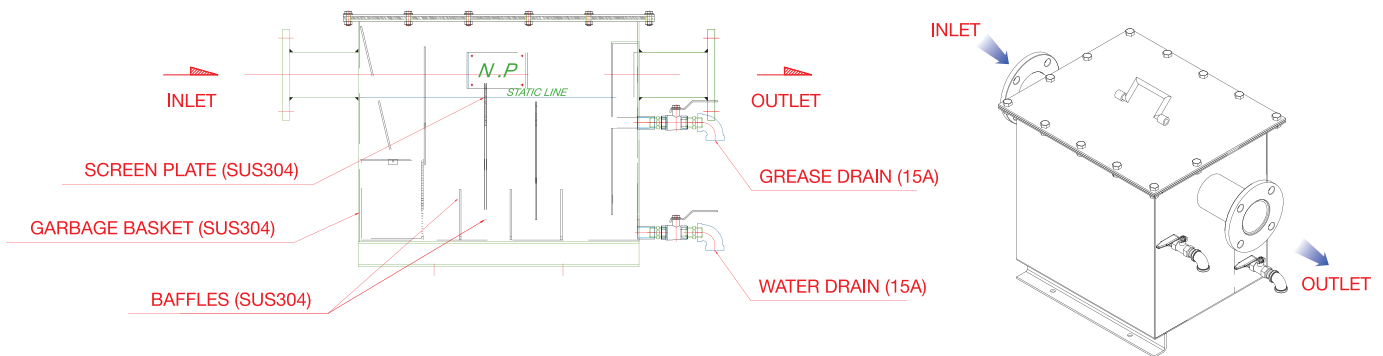
GREASE TRAP

The purpose of GREASE TRAP is to remove grease in the waste water.
The removal of grease depend on the quantity in the waste water.
This GREASE TRAP is fitted up with STPG.



• SPECIFICATION

MODEL	CAPACITY	DRY WEIGHT
DKG-75L	20gpm	47 Kg
DKG-115L	30gpm	85 Kg
DKG-265L	60gpm	140 Kg



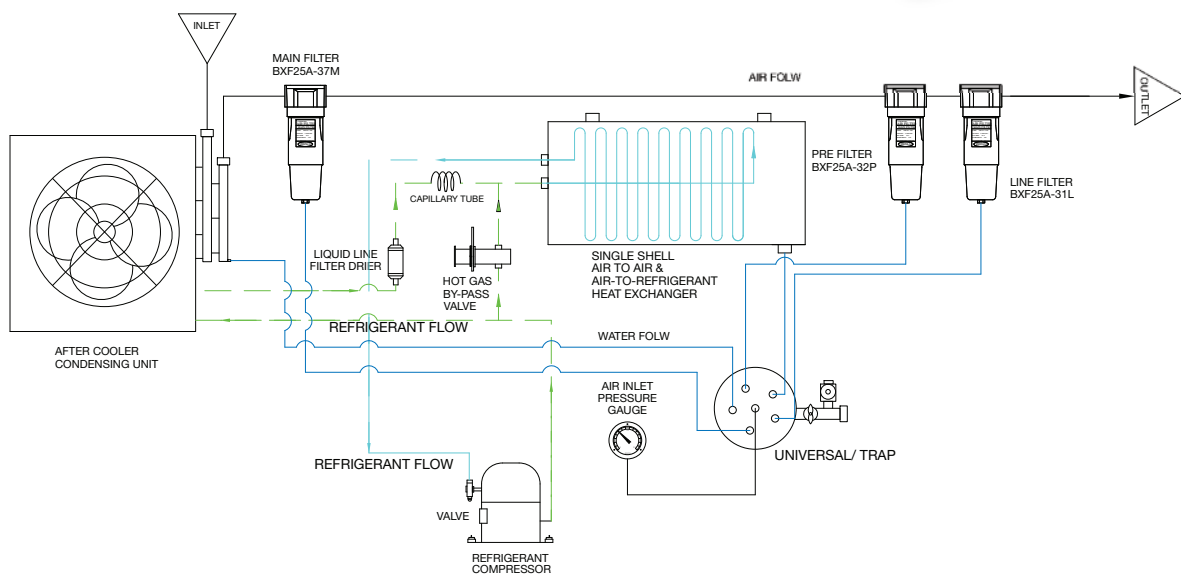
OPERATING & INSTRUCTIONS for GREASE TRAP

1. Periodic removal of grease is dependent upon the quantity of grease in the waste water.
Grease removal periods is required once a day or every other day in normally.
But periodic and frequent removal is recommended to maintain efficiency.
2. To remove grease, user just open the grease drain valve for remove grease at least once a day.
3. To periodic maintenance, do the clean the garbage basket in grease trap at least once a week.
 - First, user open the grease drain valve
 - Finish the drain the grease, and then open the water drain valve.
 - And loosen a bolt, remove the upper cover and pick out the garbage basket.
 - Clean the garbage basket as fresh water and remove the solid garbage.
 - * If solid garbage some exist in garbage basket, that is occurred the clog.
 - And clean the inside of trap for remove the other garbage.
 - Replace the garbage basket, the cover, and tighten a bolt for normal use.

AIR DRYER

“SUN Korea Co., Ltd.” AIR DRYER is electric refrigerated type, which is supply on fresh compressed air.

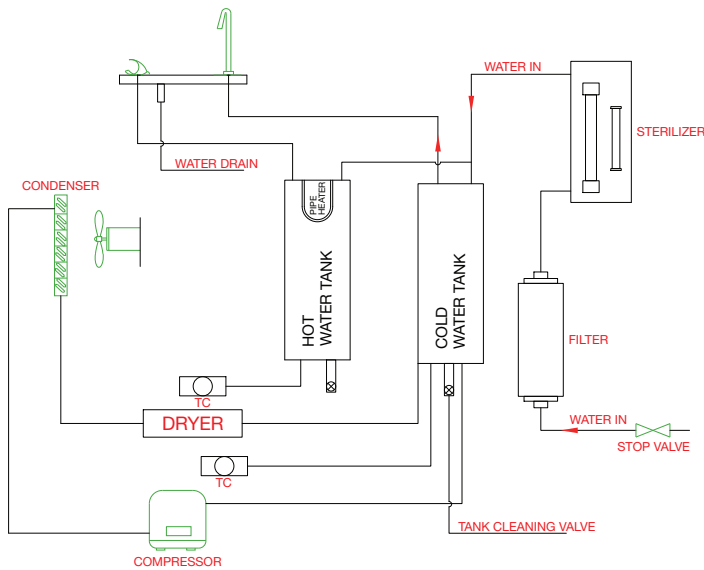
BXT-type air dryer is designed to compact size for using marine with superior performance. AIR DRYER has the After Cooler, the main filter, the free filter, and the line filter all in a single compact case, to say nothing of their superior quality. The three(3) built in functional filters of high performance to provide clean air.



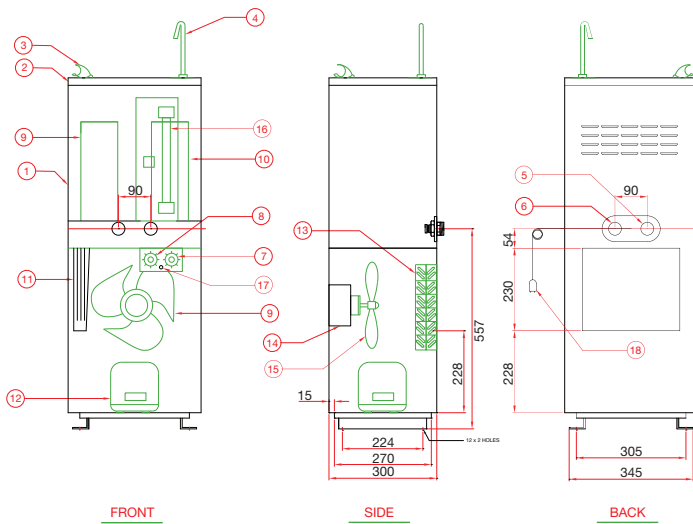
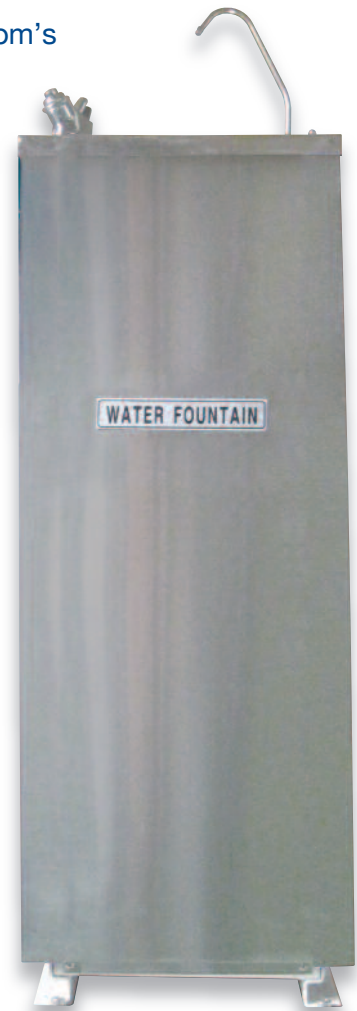
• SPECIFICATION

MODEL	CAPACITY(Nm ² /Hr)	ELECTIRC CAPACITY		REFRIGERANT	OPERATING PRESSURE Kg/Cm ² (Mpa)
		V	Kw		
BXT-5C	40 ~ 50	AC220V / AC110V 1Phase, 60Hz / 50Hz	0.34	R-404A / R-407c	6.0(0.6) ~ 35(3.5)
BXT-7C	60 ~ 70			R-404A / R-407c	
BXT-10C	80 ~ 100		0.42	R-404A / R-407c	
BXT-15C	110 ~ 150		0.58	R-404A / R-407c	
BXT-20C	160 ~ 220		0.74	R-404A / R-407c	
BXT-30C	230 ~ 300		1.24	R-404A / R-407c	
BXT-50C	310 ~ 400			R-404A / R-407c	

“SUN Korea Co., Ltd.” Drink Water Fountain has basically water Cooling function. Sterilizing and Hotting-up function can also be provided as custom’s requirement. Drink Water Fountain is made of SUS304.



PIPING DIAGRAM



- | | |
|-----------------------------|---------------------------------------|
| 1. BODY | 11. FILTER CASE |
| 2. BODY CAP | 12. COMPRESSOR 1/4HP, 220V, 1 |
| 3. PUSH AUTO VALVE | 13. CONDENSER : FIN TYPE |
| 4. MANUAL VALVE | 14. MOTOR 6W |
| 5. WATER INLET 1/2" CAP NUT | 15. FAN DIA. 200 PROPELLER |
| 6. DRAIN OUTLET 3/4" SOCKET | 16. STERILIZER 8W X 1TUBE |
| 7. TEMP. CONTROL (COLD) | 17. TOGGLE SWITCH : COLD / HOT |
| 8. TEMP. CONTROL (HOT) | 18. ELECTRIC CORD WITH PLUG, ABT.1.5M |
| 9. WATER TANK (COLD) 4Ltr | |
| 10. WATER TANK (HOT) 4Ltr | |

• SPECIFICATION

MODEL	CAPACITY(L/Hr)	FUNCTION	ELECTRIC CAPACITY	REFRIGERANT	WEIGHT
L-101	40	Cooling	202W(Cold)	R-134a	41
L-102		Cooling, Sterilizing, Purifying	218W(Cold)	R-134a	44
L-103		Cooling, Hotting-up, Sterilizing, Purifying	218W(Cold) 600W(Hot)	R-134a	48

CARBON FILTER

Carbon filtering is a method of filtering that uses a piece of activated carbon to remove contaminants and impurities, utilizing chemical adsorption.

This carbon is generally activated with a positive and is designed to remove negatively water contaminants. Carbon filtering is commonly used for water purification.



• SPECIFICATION

MODEL	CAPACITY(m ³ /hr)	IN/OUTLET CONNECTION	BODY(mm)	HEIGHT(mm)	FILTER SIZE
3SL2	2.0	25A	200A	1000	500
3SL3	3.0	32A	200A	1220	750
6SL2	6.0	40A	250A	1000	500
6SL3	10.0	50A	300A	1250	750
9SL2	15.0	65A	350A	1035	500
9SL3	20.0	80A	400A	1280	750
12SL2	25.0	80A	400A	1170	500
12SL3	30	80A	450A	1420	750