VICTORY ENERGY FEEDWATER TANK SELECTOR Full Steam Ahead!



FOR THE LONG RUN!

State-of-the-art design provides best in class performance for your boiler feedwater needs. The FRONTLINE dispersion system optimizes heat transfer to evenly and effectively preheat makeup water and reduce the risk of boiler thermal shock.

The complete line of FRONTLINE Feed Water Systems are available in a variety of sizes to fit the majority of firetube and commercial watertube boiler applications. INNOVATIVE DESIGN DELIVERS THE BEST PERFORMANCE METRICS IN FEEDWATER SYSTEM PRODUCT SOLUTIONS.

FRONTLINE Feed Water systems are designed for efficiency to help customers maintain smooth boiler room operations and reduce overall operating costs.

The FRONTIER Feedwater Series Tanks also provide user connections for chemical treatment and condensate return vital to keeping your operation running efficiently. FRONTLINE is an integral element of any boiler room solution by preventing low water shut-down and reducing corrosion and rust.



DUPLEX FEED PUMP ARRANGEMENT

MULTIPLE CONFIGURATIONS : 30 TO 1,000 HP / 50 TO 956 GAL TANK

FW-30		FW-60
Boiler Rating:	30 HP	Boiler Rating:
Tank Capacity:	50 GAL	Tank Capacity:
Flow Rate To Boiler:	2.55 GAL/MIN	Flow Rate To Boi
Recirc. Volume:	5 GAL/MIN	Recirc. Volume:
150 PSIG, Motor:	3 HP	150 PSIG, Motor:
200 PSIG, Motor:	5 HP	200 PSIG, Motor:
250 PSIG, Motor:	5 HP	250 PSIG, Motor:
Sparging Steam :	125 PPH	Sparging Steam :
Steam Supply:	0.5 INCH	Steam Supply:
Water Supply:	0.5 INCH	Water Supply:
Condensate Return:	2.0 INCH	Condensate Retu
Recirculation:	1.0 INCH	Recirculation:
Vent:	1.0 INCH	Vent:
Overflow:	1.0 INCH	Overflow:
Drain:	1.0 INCH	Drain:
Chem Feed:	1.0 INCH	Chem Feed:
	Boller Rating: Tank Capacity: Flow Rate To Boller: Recirc. Volume: 150 PSIG, Motor: 250 PSIG, Motor: 250 PSIG, Motor: Sparging Steam : Steam Supply: Water Supply: Condensate Retum: Recirculation: Vent: Overflow: Drain:	Bolier Rating: 30 HP Tank Capacity: 50 GAL Flow Rate To Boiler: 2.55 GAL/MIN Recirc: Volume: 5 GAL/MIN 150 PSIG, Motor: 3 HP 200 PSIG, Motor: 5 HP 250 PSIG, Motor: 5 HP Sparging Steam : 125 PPH Steam Supply: 0.5 INCH Water Supply: 0.5 INCH Vent: 2.0 INCH Vent: 1.0 INCH Overflow: 1.0 INCH

ABAAA

)		FW-100	
	60 HP	Boiler Rating:	100 HP
	94 GAL	Tank Capacity:	100 GAL
oiler:	4.65 GAL/MIN	Flow Rate To Boiler:	7.75 GAL/MIN
	5 GAL/MIN	Recirc. Volume:	5 GAL/MIN
r:	3 HP	150 PSIG, Motor:	3 HP
r:	5 HP	200 PSIG, Motor:	5 HP
r:	5 HP	250 PSIG, Motor:	5 HP
11	251 PPH	Sparging Steam :	418 PPH
	0.5 INCH	Steam Supply:	0.5 INCH
	0.5 INCH	Water Supply:	0.5 INCH
turn:	2.0 INCH	Condensate Return:	3.0 INCH
	1.0 INCH	Recirculation:	1.0 INCH
	1.0 INCH	Vent:	1.0 INCH
	1.0 INCH	Overflow:	2.0 INCH
	1.0 INCH	Drain:	1.0 INCH
	1.0 INCH	Chem Feed:	1.0 INCH

FW-200	
Boiler Rating:	200 HP
Tank Capacity:	214 GAL
Flow Rate To Boiler:	15.5 GAL/MIN
Recirc. Volume:	10 GAL/MIN
150 PSIG, Motor:	7.5 HP
200 PSIG, Motor:	7.5 HP
250 PSIG, Motor:	7.5 HP
Sparging Steam :	836 PPH
Steam Supply:	0.75 INCH
Water Supply:	0.5 INCH
Condensate Return:	3.0 INCH
Recirculation:	1.0 INCH
Vent:	1.0 INCH
Overflow:	2.0 INCH
Drain:	1.0 INCH

1.0 INCH

Chem Feed

FW-300	
Boiler Rating:	300 HP
Tank Capacity:	327 GAL
Flow Rate To Boiler:	23.25 GAL/MIN
Recirc. Volume:	10 GAL/MIN
150 PSIG, Motor:	7.5 HP
200 PSIG, Motor:	10 HP
250 PSIG, Motor:	15 HP
Sparging Steam :	1,254 PPH
Steam Supply:	0.75 INCH
Water Supply:	0.5 INCH
Condensate Return:	3.0 INCH
Recirculation:	1.0 INCH
Vent:	1.0 INCH
Overflow:	2.0 INCH
Drain:	1.0 INCH
Chem Feed:	1.0 INCH

400 HP
415 GAL
31.0 GAL/
10 GAL/MI
7.5 HP
10 HP
15 HP
1,672 PPH
1.0 INCH
0.5 INCH
4.0 INCH
1.0 INCH
2.0 INCH
2.0 INCH
1.0 INCH
1.0 INCH

FRONTLINE[™]

Fully removable sparge tube for ease

of maintenance or replacement.

Duplex feed pump arrangement

allowing for pump maintenance

without disrupting feedwater flow.

provides two 100% capacity pumps

FEEDWATER

TANK

LISTED

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FRONTLINE

Boiler Rating: Tank Capacity: Flow Rate To B Recirc. Volume: 150 PSIG, Moto 200 PSIG. Moto 250 PSIG, Moto Sparging Steam Steam Supply: Water Supply: Condensate Re Recirculation: Vent: Overflow Drain: Chem Feed



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Internal baffling designed to reduce turbulence near instrumentation while promoting even and thorough pre-heating of makeup water.

Low NPSH pumps reduce tank height for confined spaces.

Motor VFD (Variable Frequency Drive) standard for all tanks.



-800

	000 HF
	754 GAL
oiler:	62.0 GAL/MI
	10 GAL/MIN
or:	15 HP
or:	20 HP
or:	25 HP
1:	3,344 PPH
	1.5 INCH
	1.0 INCH
turn:	4.0 INCH
	1.0 INCH
	2.0 INCH
	2.0 INCH
	1.0 INCH
	1.0 INCH

FW-1000

1.000 HF Boiler Rating: Tank Capacity: 956 GAL Flow Rate To Boiler 77.5 GAL/MIN 10 GAL/MIN Recirc. Volume: 150 PSIG, Motor: 15 HP 200 PSIG. Motor: 20 HP 250 PSIG. Motor: 25 HP 4.180 PPH Sparging Steam 1.5 INCH Steam Supply: 1.0 INCH Water Supply Condensate Return: 4.0 INCH Recirculation 1.0 INCH 2.0 INCH Vent: Overflow 3.0 INCH Drain: 1.0 INCH 1.0 INCH Chem Feed