



INNOVATIVE DESIGN DELIVERS THE BEST PERFORMANCE METRICS IN FEEDWATER SYSTEM PRODUCT SOLUTIONS.

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.

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.



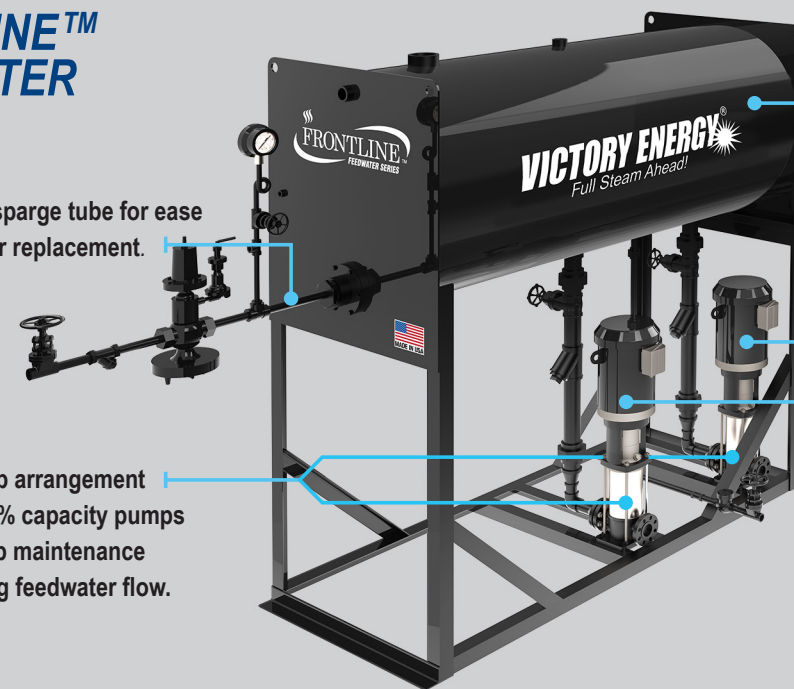
DUPLEX FEED PUMP ARRANGEMENT

FRONTLINE™ FEEDWATER TANK

Fully removable sparge tube for ease of maintenance or replacement.



Duplex feed pump arrangement provides two 100% capacity pumps allowing for pump maintenance without disrupting feedwater flow.



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.



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

FW-30

Boiler 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
Condensate Return: 2.0 INCH
Recirculation: 1.0 INCH
Vent: 1.0 INCH
Overflow: 1.0 INCH
Drain: 1.0 INCH
Chem Feed: 1.0 INCH

FW-60

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

FW-100

Boiler Rating: 100 HP
Tank Capacity: 100 GAL
Flow Rate To Boiler: 7.75 GAL/MIN
Recirc. Volume: 5 GAL/MIN
150 PSIG, Motor: 3 HP
200 PSIG, Motor: 5 HP
250 PSIG, Motor: 5 HP
Sparging Steam : 418 PPH
Steam Supply: 0.5 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

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
Chem Feed: 1.0 INCH

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

FW-400

Boiler Rating: 400 HP
Tank Capacity: 415 GAL
Flow Rate To Boiler: 31.0 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 : 1,672 PPH
Steam Supply: 1.0 INCH
Water Supply: 0.5 INCH
Condensate Return: 4.0 INCH
Recirculation: 1.0 INCH
Vent: 2.0 INCH
Overflow: 2.0 INCH
Drain: 1.0 INCH
Chem Feed: 1.0 INCH

FW-800

Boiler Rating: 800 HP
Tank Capacity: 754 GAL
Flow Rate To Boiler: 62.0 GAL/MIN
Recirc. Volume: 10 GAL/MIN
150 PSIG, Motor: 15 HP
200 PSIG, Motor: 20 HP
250 PSIG, Motor: 25 HP
Sparging Steam : 3,344 PPH
Steam Supply: 1.5 INCH
Water Supply: 1.0 INCH
Condensate Return: 4.0 INCH
Recirculation: 1.0 INCH
Vent: 2.0 INCH
Overflow: 2.0 INCH
Drain: 1.0 INCH
Chem Feed: 1.0 INCH

FW-1000

Boiler Rating: 1,000 HP
Tank Capacity: 956 GAL
Flow Rate To Boiler: 77.5 GAL/MIN
Recirc. Volume: 10 GAL/MIN
150 PSIG, Motor: 15 HP
200 PSIG, Motor: 20 HP
250 PSIG, Motor: 25 HP
Sparging Steam : 4,180 PPH
Steam Supply: 1.5 INCH
Water Supply: 1.0 INCH
Condensate Return: 4.0 INCH
Recirculation: 1.0 INCH
Vent: 2.0 INCH
Overflow: 3.0 INCH
Drain: 1.0 INCH
Chem Feed: 1.0 INCH

