



HURST

BOILER & WELDING CO., INC.

HURST SERIES FEEDMISER

BOILER FEEDWATER SYSTEMS

Feedwater Pump Station Condensate Return



OPEN VENT DESIGN

30 to 1000 gallon Tank Capacity.
Optional Steam Pre-Heater.

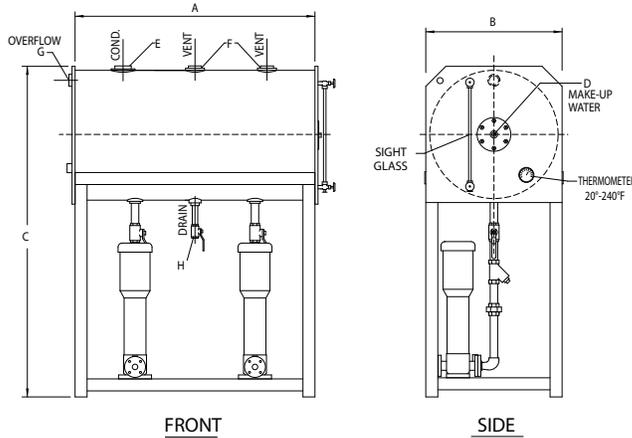
For all types of
Steam Boilers with
pressures to 300 PSI.

**SKID MOUNTED
MODULAR PACKAGED**

*"Expect decades of service with this
all steel construction featuring a
3/16" thick rolled tank supported by
a robust structural pump station."*

HURST PERFORMANCE SERIES BOILERS

HURST PERFORMANCE SERIES BOILERS



STANDARD TRIM EQUIPMENT

- Automatic, internal float valve.
- Water gauge glass set w/ brass cock valves.
- Feedwater thermometer.

OPTIONAL TRIM EQUIPMENT

- Primary and secondary feedwater pumps.
- Pump suction piping, valves, strainers, drain.
- Control panel with motor starters & circuit breakers.
- Pump function lights, selector switches.
- Diffuser tube for high temperature condensate return.
- High and low water level alarms.
- Magnesium anti-corrosion probe rods.
- Manhole access (200 gallon & larger).
- Electric solenoid valve make-up water assembly.
- Automated steam heater (pre-heat feedwater).

CERTIFIED DRAWING AVAILABLE UPON REQUEST.

STANDARD FEATURES

Expect decades of service with this all steel construction featuring a 3/16" thick rolled tank supported by a robust structural pump station. All Hurst Feedmiser units are designed to accommodate the NPSH requirements of the pump manufacturer to insure maximum pump efficiency. Factory packaged with optional operating controls, pumps, piping. Installation is made simple in that only service connections are needed.

***CUSTOMER INCOMING SUPPLY WATER PRESS. TO BE LESS THAN 40 PSIG.*

SPECIFICATIONS All Dimensions Are In Inches

| BOILER HP | TANK CAPACITY (GAL) | (A) LENGTH | (B) WIDTH | *(C) HEIGHT 15-150 PSI | *(C) HEIGHT 200-250 PSI | *(C) HEIGHT 300 PSI | ** (D) WATER SUPPLY | (E) COND. RETURN | (F) VENT | (G) OVER FLOW | (H) DRAIN | 150 PSI WEIGHT |
|-----------|---------------------|------------|-----------|------------------------|-------------------------|---------------------|---------------------|------------------|----------|---------------|-----------|----------------|
| 15-30 | 30 | 30 | 19 | 60 | 68 | 69 | .5 | 2 | 2 | 1.5 | .75 | 625 |
| 40-60 | 60 | 36 | 25 | 67 | 73 | 86 | .5 | 2 | 1.5 | 1.25 | .75 | 800 |
| 70-80 | 80 | 46 | 24 | 67 | 75 | 86 | .5 | 2 | 1.5 | 1.25 | .75 | 825 |
| 100 | 100 | 48 | 26 | 74 | 76 | 87 | .75 | 2 | 1.5 | 1.25 | .75 | 1000 |
| 125-150 | 150 | 48 | 31 | 79 | 90 | 93 | .75 | 2 | 1.5 | 2 | 1 | 1100 |
| 200 | 200 | 60 | 34 | 88 | 93 | 96 | .75 | 2.5 | 1.5 | 2 | 1 | 1385 |
| 250 | 250 | 72 | 35 | 89 | 93 | 96 | .75 | 2.5 | 1.5 | 2 | 1 | 1500 |
| 300 | 300 | 72 | 38 | 92 | 96 | 99 | .75 | 2.5 | 2 | 2 | 1 | 1730 |
| 350 | 350 | 84 | 38 | 92 | 96 | 99 | .75 | 2.5 | 2.5 | 2 | 1 | 1835 |
| 400 | 400 | 72 | 44 | 98 | 102 | 114 | .75 | 3 | 2.5 | 2 | 1.25 | 1950 |
| 500 | 500 | 84 | 44 | 104 | 110 | 114 | .75 | 3 | 2.5 | 2 | 1.25 | 2035 |
| 600 | 600 | 84 | 48 | 108 | 114 | 118 | .75 | 3 | 2.5 | 2 | 1.25 | 2300 |
| 700-800 | 800 | 114 | 48 | 120 | 118 | 125 | .75 | 3 | 2.5 | 2 | 1.25 | 2940 |
| 900-1000 | 1000 | 96 | 58 | 130 | 135 | 135 | (2) .75 | 3 | 4 | 3 | 1.5 | 4200 |

*OVERALL HEIGHT (C) MAY CHANGE DEPENDING ON (NPSH) REQ'MTS. OF PUMP SELECTED

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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hurstboiler.com

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