



HURST

BOILER & WELDING CO., INC

FEEDMISER SERIES

BOILER FEEDWATER SYSTEMS

**OPEN VENT DESIGN
FEEDWATER PUMP STATION
CONDENSATE RETURN**

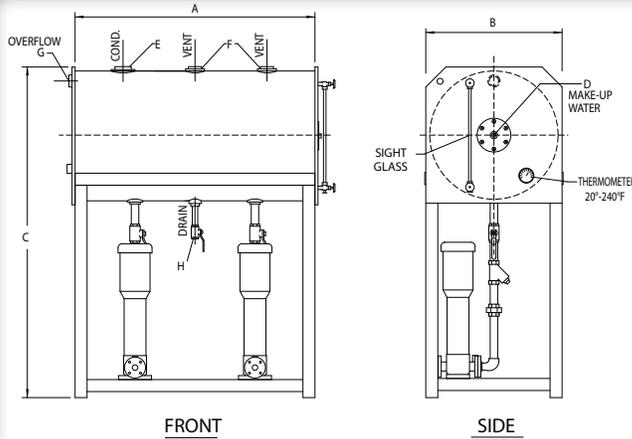
**30 TO 1000
GALLON TANK CAPACITY
LARGER SIZES ON REQUEST**

**FOR ALL TYPES OF STEAM
BOILERS WITH PRESSURES
TO 300 PSI.**

**OPTIONAL 
STEAM PRE-HEATER**



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.

SPECIFICATIONS All Dimensions Are In Inches

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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

HBC-09516
09/2009

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

PUMP CONFIGURATION

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

BOILER HP	15 PSI PUMP#	15 PSI HP.	NPSH Req'd	150 PSI PUMP#	150 PSI HP.	NPSH Req'd	200 PSI PUMP#	200 PSI HP.	NPSH Req'd	250 PSI PUMP#	250 PSI HP.	NPSH Req'd	300 PSI PUMP#	300 PSI HP.	NPSH Req'd
15-30	HCR1-2 A	1/3	2.7	HCR1-13 A	1.5	2.7	HCR1-17 A	2	2.7	HCR21-21 A	3	2.7	HCR3-25 K	5	2.7
40-60	HCR1-2 A	1/3	3.6	HCR1-15 A	2	3.0	HCR1-19 A	2	3.0	HCR1-23 A	3	3.0	HCR3-25 K	5	2.9
70-80	HCR3-3 K	1/2	1.4	HCR3-13 K	3	1.4	HCR3-17 K	3	1.4	HCR3-21 K	5	1.4	HCR5-24 K	7.5	1.4
100	HCR3-3 K	1/2	1.4	HCR3-13 K	3	1.4	HCR3-19 K	3	1.4	HCR3-23 K	5	1.4	HCR5-24 K	7.5	1.7
125-150	HCR3-3 K	1/2	1.9	HCR3-17 K	3	1.8	HCR3-21 K	5	1.6	HCR3-25 K	5	1.9	HCR5-24 K	7.5	3.3
200	HCR5-3K	1	3.5	HCR5-13 K	5	3.9	HCR5-18 K	7.5	3.4	HCR5-22 A	7.5	4.0	HCR10-16	15	3.7
250	HCR5-3 K	1	4.1	HCR5-14 K	5	3.5	HCR5-18 K	7.5	3.6	HCR5-24 K	7.5	3.5	HCR10-17 K	15	4.0
300	HCR5-3 K	1	4.6	HCR5-16 K	5	4.0	HCR5-20 K	7.5	4.0	HCR10-14 A	10	4.7	HCR10-17 K	15	4.6
350	HCR15-01 A	2	3.6	HCR5-18 K	7.5	4.5	HCR5-22 K	7.5	4.7	HCR15-10 A	20	3.2	HCR10-17 K	15	5.2
400	HCR15-01 A	2	3.8	HCR15-06 A	10	3.4	HCR10-12 K	7.5	2.6	HCR15-10 A	20	3.4	HCR15-12	15	6.0
500	HCR15-01 A	2	4.5	HCR15-06 A	10	3.8	HCR10-14 K	10	3.2	HCR15-10 A	20	3.8	HCR15-12	25	3.8
600	HCR15-01 A	2	5.4	HCR15-07 A	15	4.6	HCR15-9 A	15	4.5	HCR15-10 A	20	4.4	HCR32-9	25	4.4
700-800	HCR32-1-1 A	3	5.8	HCR15-07 A	15	6.4	HCR15-9 A	15	6.2	HCR15-12 K	25	4.9	HCR32-9	40	5.7
900-1000	HCR32-1-1 A	3	6.7	HCR15-08 A	15	6.0	HCR15-10 K	20	6.0	HCR15-12 K	25	6.0	HCR32-10-2	40	5.8



 **hurstboiler.com**

HURST BOILER & WELDING CO., INC.

100 Boilermaker Lane • Coolidge, GA 31738-0530

Tel: (229) 346-3545 • Fax: (229) 346-3874

email: info@hurstboiler.com