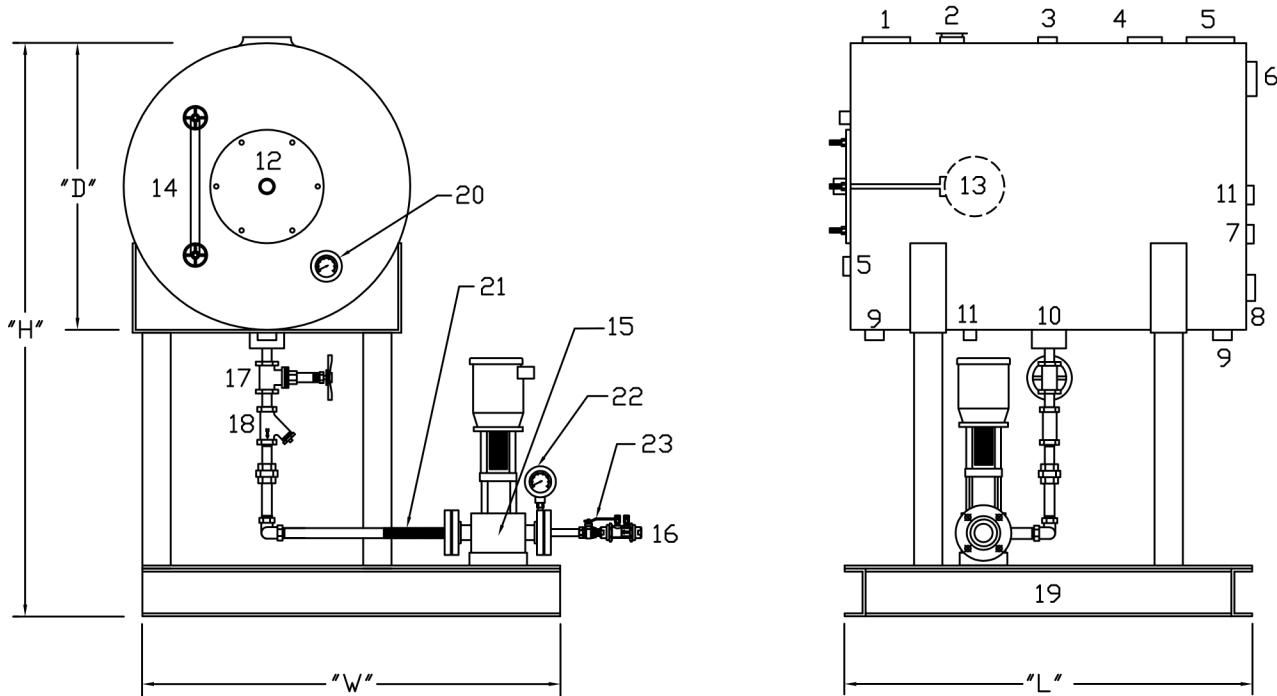


BOILER FEED SYSTEMS
(HFS) HORIZONTAL ATMOSPHERIC DESIGN
SIMPLEX WITH MULTI-STAGE CENTRIFUGAL PUMP

EFFECTIVE DATE: 12/23/08

REPLACES: 5/11/04



NOTES:

1. DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. CONSULT FACTORY FOR CERTIFIED DIMENSIONS.
 2. SEE REVERSE SIDE FOR DIMENSIONS.
- *** SIZING DEPENDS ON PUMP SELECTED

ITEM NO.	QTY	DESCRIPTION	SIZE
1	1	VENT CONNECTION	3" NPT
2	1	BLOWOUT OPENING	NO TAPPING
3	1	MANUAL FILL CONNECTION	1" NPT
4	1	PROBE CONNECTION	2" NPT
5	1	CONDENSATE RETURN CONNECTION	3" NPT
6	1	OVERFLOW CONNECTION	2" NPT
7	1	STEAM VALVE SENSOR PORT	1" NPT
8	1	STEAM PREHEATER CONNECTION	1-1/2" NPT
9	2	PUMP BY-PASS CONNECTION	***
10	1	PUMP SUCTION CONNECTION	***
11	2	DRAIN CONNECTION & EXTRA SENSOR TAPPING	1/2" NPT
12	1	WATER MAKE-UP CONNECTION 50-175 GALLONS 275-500 GALLONS	1" NPT 1-1/4" NPT
13	1	MAKE-UP CONTROL FLOAT ASSEMBLY	
14	1	WATER LEVEL GA. GLASS W/SHUT-OFF VALVES	
15	2	BOILER FEED PUMPS	
16	2	PUMP DISCHARGE CONNECTION	***
17	2	SUCTION LINE GATE VALVE	***
18	2	SUCTION LINE STRAINER	***
19	1	STRUCTURAL STEEL BASE	***
20	1	3" THERMOMETER	1/2" NPT
21	2	FLEXIBLE PUMP CONNECTION	***
22	1	DISCHARGE PRESSURE GAUGE	***
23	1	DISCHARGE THROTTLING VALVE	***

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MODEL NO.	HFS-50	HFS-100	HFS-130	HFS-175	HFS-275	HFS-375	HFS-500
CAP. GALLONS	50	100	130	175	275	375	500
CAP. LITERS	189	379	492	662	1041	1419	1893

DIMENSIONS								
"L"	IN	34"	55"	34"	43"	49"	65"	67"
	CM	87	140	87	110	125	165	171
"W"	IN	35"	35"	48"	48"	54"	54"	60"
	CM	89	89	122	122	138	138	153
"H"	IN	52"	63"	69"	69"	72"	72"	81"
	CM	132	160	175	175	183	183	206
"D"	IN	24"	24"	36"	36"	42"	42"	48"
	CM	61	61	92	92	107	107	122

SHIPPING WEIGHT WITHOUT PUMPS	LBS	550	640	660	950	1250	1550	1750
	KGS	250	291	300	431	567	703	764
SHIPPING WEIGHT WITH PUMPS	LBS	650	890	950	1200	1500	1850	2050
	KGS	295	404	431	545	681	840	930
OPERATING WEIGHT*	LBS	1337	2144	2554	3110	4264	5778	7120
	KGS	607	973	1159	1411	1935	2621	3230

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* APPROXIMATE PUMP WEIGHT INCLUDED

