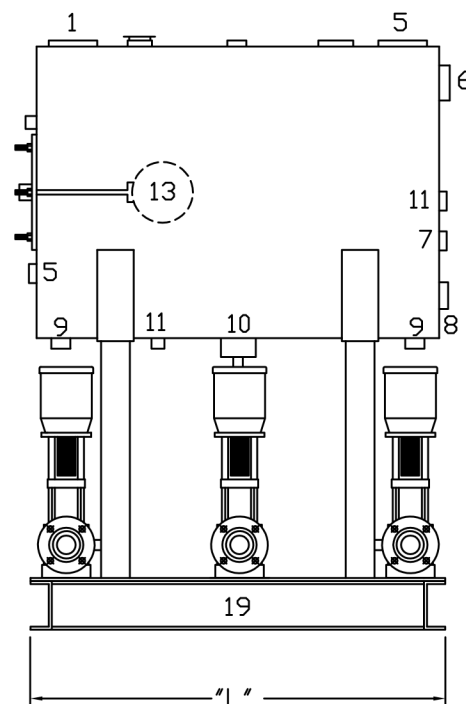
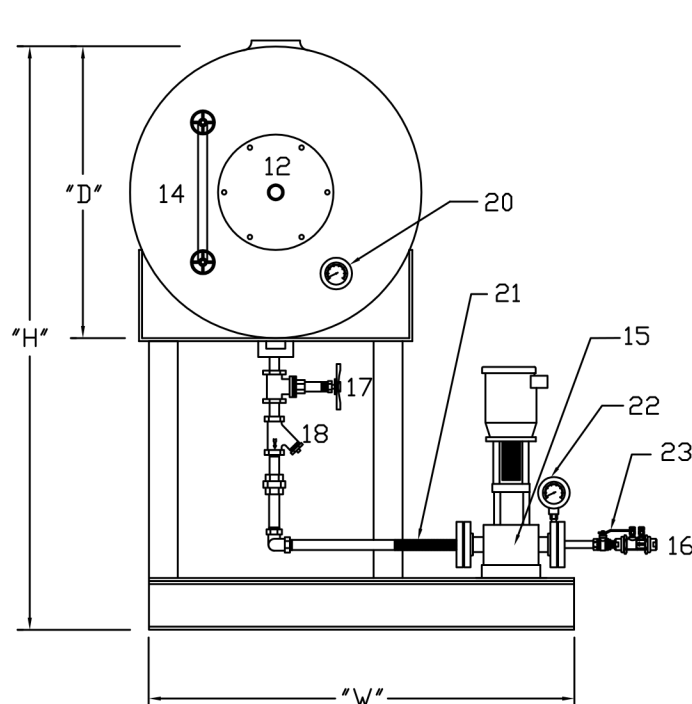


BOILER FEED SYSTEMS
(HFS) HORIZONTAL ATMOSPHERIC DESIGN
TRIPLEX WITH MULTI-STAGE CENTRIFUGAL PUMP

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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EFFECTIVE DATE: 12/23/08

REPLACES: 5/11/04

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	990	1230	1350	1600	1940	2850	3250
	KGS	449	558	613	726	880	1293	1475
OPERATING WEIGHT*	LBS	1407	2834	2954	3510	4704	6778	8320
	KGS	639	1286	1340	1593	2134	3075	3774

NOTES: 1. DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. CONSULT FACTORY FOR CERTIFIED DIMENSIONS.

* APPROXIMATE PUMP WEIGHT INCLUDED

