

STAINLESS STEEL BOILER FEED SYSTEMS

EXCEPTIONAL VALUE | EXTRAORDINARY QUALITY



HORIZONTAL



FABTEK SERIES SSHBFS

- Sixteen (16) Standard Tank Sizes
- 65 Gallons - 1,023 Gallons
- Steam Preheat Packages Available
- Factory Installed Insulation Available
- UL Listed Control Panels Available
- Horizontal End Suction or Vertical Multistage Pumps

STANDARD FEATURES

- 304 Stainless Steel Receivers with 20 year warranty against failure due to corrosion
- Stainless Steel or Cast Iron Bronze Fitted Boiler Feed Pumps
- Heavy Duty Stainless Steel Sight Gauge Valve Assembly
- TEFC Motor Enclosures

VERTICAL



FABTEK SERIES SSVBFS

- Five (5) Standard Simplex Sizes
- Eight (8) Standard Duplex Sizes
- Steam Preheat Packages Available
- Factory Installed Insulation Available
- UL Listed Control Panels Available
- Horizontal End Suction or Vertical Multistage Pumps Available

STANDARD FEATURES

- 304 Stainless Steel Receivers with 20 year warranty against failure due to corrosion
- Stainless Steel or Cast Iron Bronze Fitted Boiler Feed Pumps
- Heavy Duty Stainless Steel Sight Gauge Valve Assembly
- TEFC Motor Enclosures

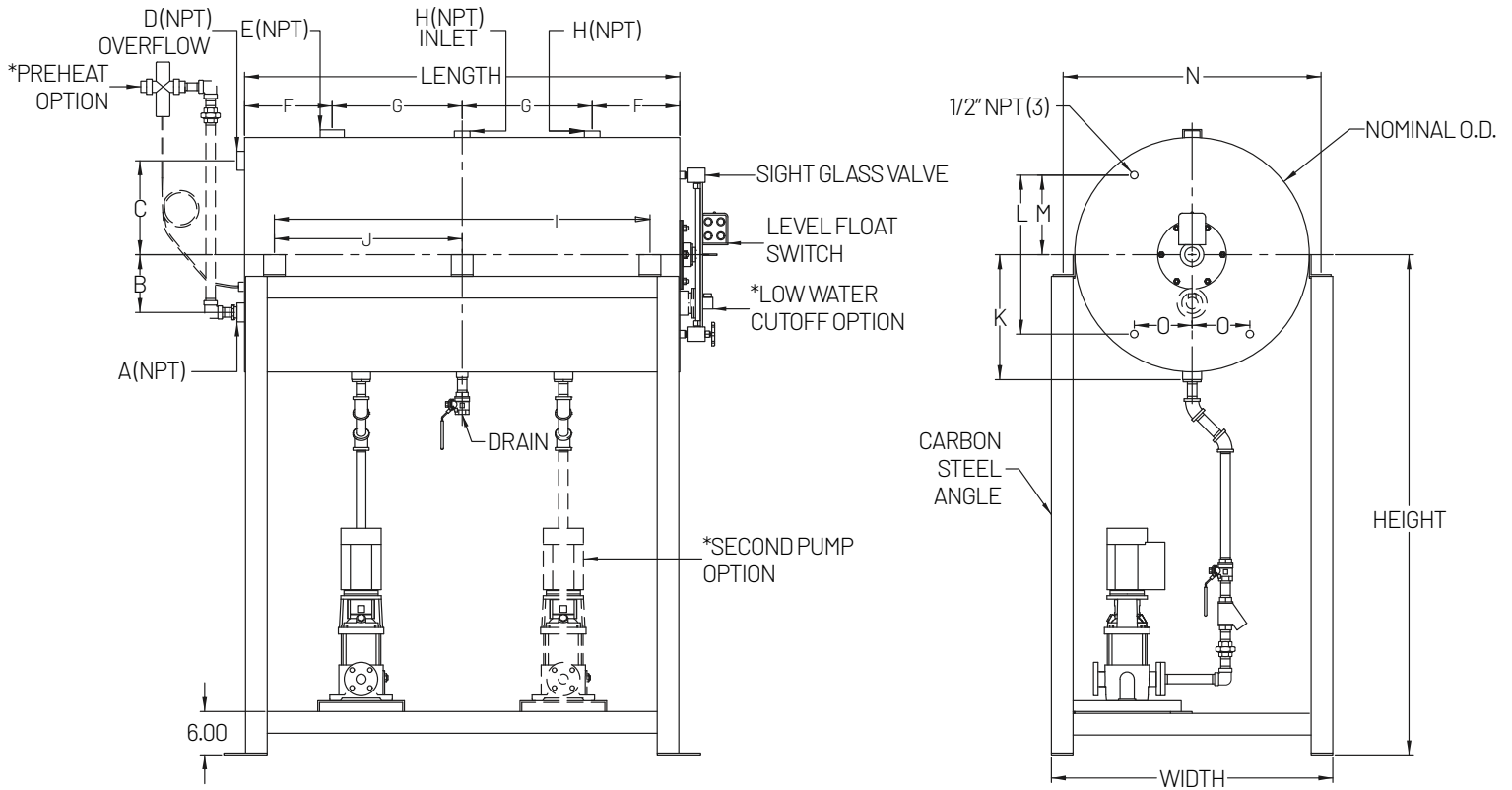
775 Duvick Ave. Sandwich, IL
Phone: 630.552.3622 Fax: 630.552.8220

www.fabtekaero.com

FABTEK

VERTICAL MULTISTAGE PUMPS

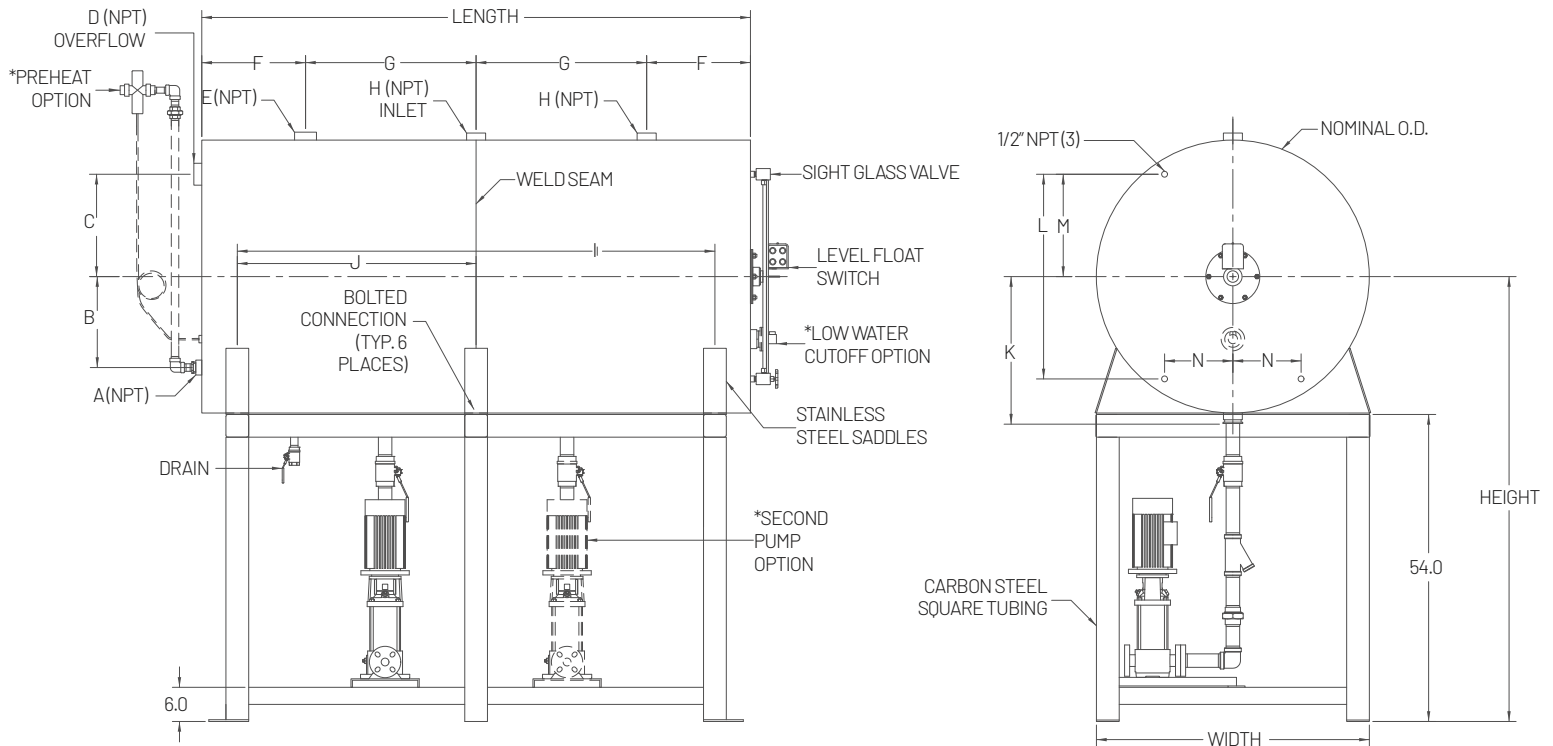
65 - 517 GALLON TANKS VERTICAL MULTISTAGE PUMPS CARBON STEEL ANGLE SUPPORT STAND



HORIZONTAL BFS - SIMPLEX/DUPLEX VERTICAL MULTISTAGE DIMENSIONS																				WEIGHTS	
GAL	NOMINAL O.D.	LENGTH	HEIGHT	WIDTH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	SIMPLEX	DUPLEX
65	23	36	52.13	27.63	1-1/4	6	10.13	1-1/4	2	6	12	1-1/2	28.75	—	12.55	15.5	7.75	25.13	6	508	634
86	23	48	52.13	27.63	1-1/4	6	10.13	1-1/4	2	8	16	1-1/2	41	—	12.55	15.5	7.75	25.13	6	554	680
102	25	48	59	29.5	1-1/2	7	10.75	1-1/4	2	8	16	1-1/2	41	—	13.47	15.5	7.75	27.5	7	575	701
127	25	60	59	29.5	1-1/2	7	10.75	1-1/4	2	12	18	1-1/2	52	26	13.47	15.5	7.75	27.5	7	631	757
157	30	48	61	35.25	1-1/2	8	13.38	2	2	8	16	1-1/2	41	20.5	16.35	20	10	32.88	8	718	844
184	30	60	61	35.25	1-1/2	8	13.38	2	2	12	18	1-1/2	52	26	16.35	20	10	32.88	8	790	916
209	32	60	69	39.13	2	8	13	2	2-1/2	12	18	1-1/2	52	26	17.3	22	11	34.5	8	930	1056
251	32	72	69	39.13	2-1/2	8	13	2	2-1/2	18	18	1-1/2	54	27	17.3	22	11	34.5	8	1010	1136
317	36	72	71	42.94	2-1/2	9	15.5	2	2-1/2	18	18	2	60	30	19.2	24	12	38.13	10	1104	1230
360	42	60	71	47.75	2-1/2	10.5	18	2	2-1/2	12	18	2-1/2	54	27	21.6	26	13	44.13	10	1123	1189
430	46	60	77	52.63	2-1/2	11.5	20.25	2	3	12	18	2-1/2	54	27	23.98	26	13	48.13	11.5	1559	1685
517	46	72	77	52.63	2-1/2	11.5	20.25	2	3	18	18	2-1/2	60	30	23.98	26	13	48.13	11.5	1718	1844

- NOTES: 1) *ASTERIX AND DOTTED ITEMS ARE OPTIONS
2) ALL DIMENSIONS ARE IN INCHES
3) DIMENSIONS MAY VARY .5 INCHES
4) STAND IS PAINTED WITH INDUSTRIAL GRADE BLACK PAINT

690 - 1023 GALLON TANKS VERTICAL MULTISTAGE PUMPS CARBON STEEL SQUARE TUBE SUPPORT STAND

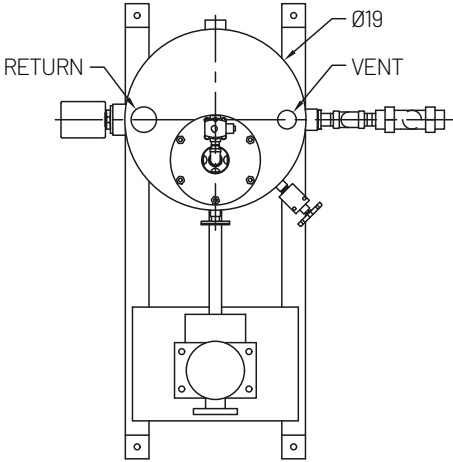


HORIZONTAL BFS - SIMPLEX/DUPLEX END SUCTION PUMPS TURBINE/CENTRUFUGAL																		WEIGHTS		
GAL	TANK O.D.	LENGTH	HEIGHT	WIDTH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	SIMPLEX	DUPLEX
690	46	96	77.2	46	2-1/2	14.9	16.9	3	3	18.3	30	3	84	42	24.9	34	17	12	2736	3002
750	48	96	78.3	48	2-1/2	16	18	3	3	18.3	30	3	84	42	26	36	18	12	2756	3023
1023	56	96	82.3	56	2-1/2	20	22	3	3	18.3	30	3	84	42	29.8	44	22	12	3391	3658

NOTES: 1)*ASTERIX AND DOTTED ITEMS ARE OPTIONS
2)ALL DIMENSIONS ARE IN INCHES
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4)STAND IS PAINTED WITH INDUSTRIAL GRADE BLACK PAINT

VERTICAL BOILER FEED SYSTEMS WITH VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

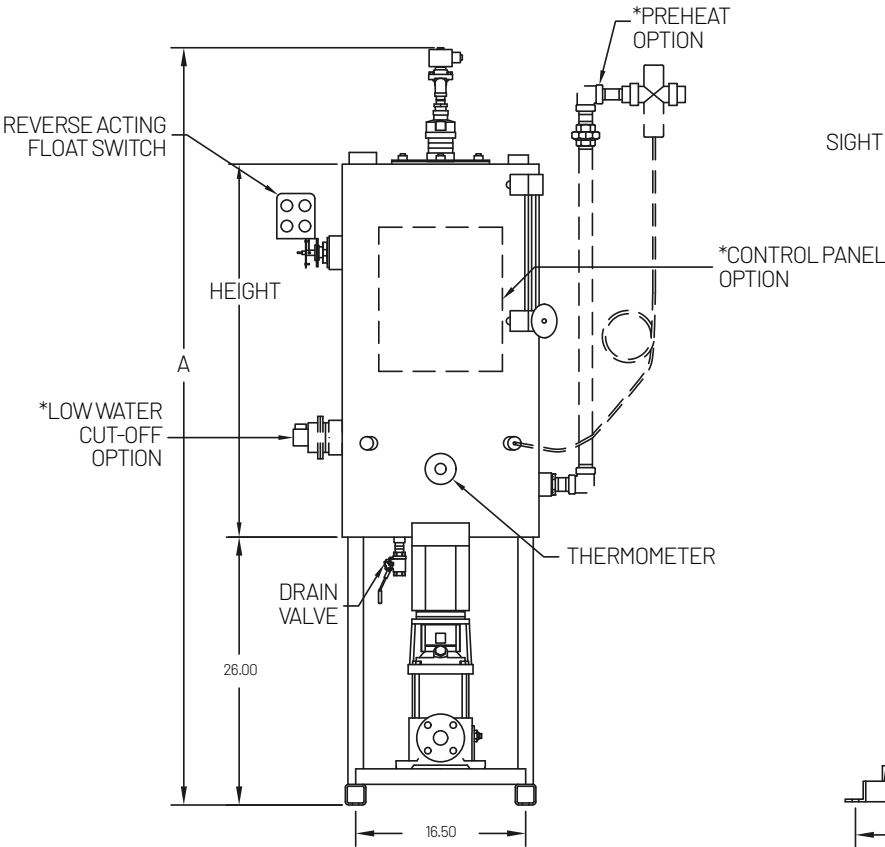
DIMENSIONS - 19" DIAMETER | SIMPLEX ONLY



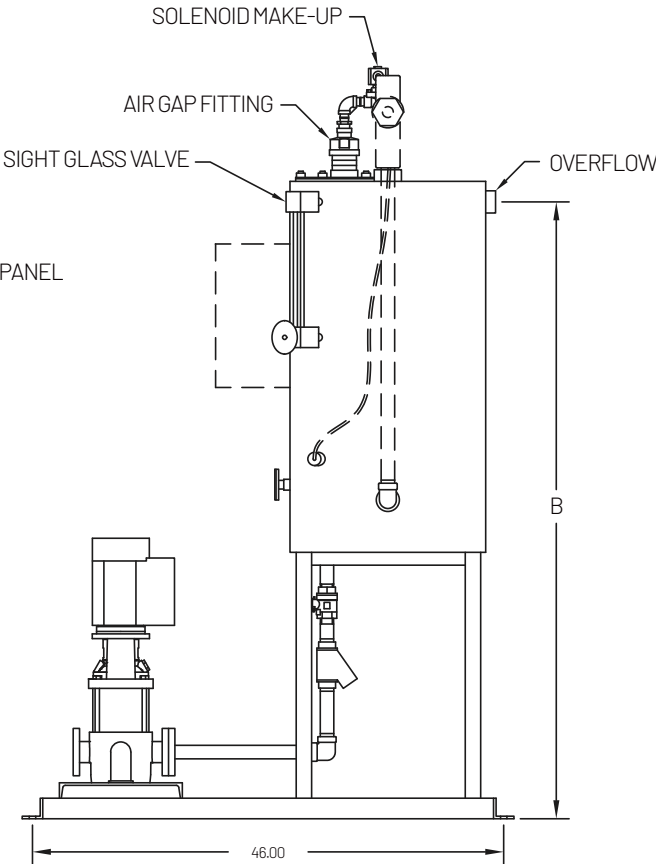
TOP VIEW

HEIGHT	GALLONS	A	B	WEIGHT
24	29	61.5	48.2	422
30	37	67.5	54.2	437
36	44	73.5	60.2	451
42	52	79.5	66.2	466
48	59	85.5	72.2	480

NOTES: 1) *ASTERISK AND DOTTED ITEMS ARE OPTIONS
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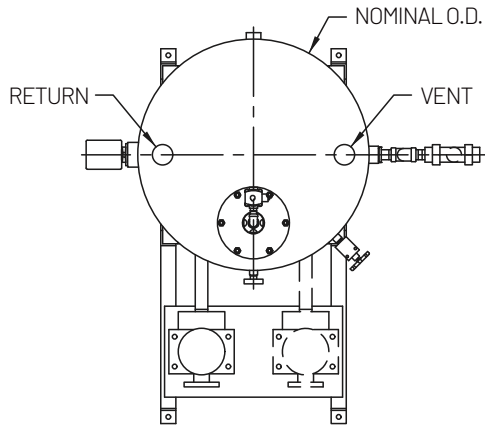
FRONT VIEW



RIGHT SIDE VIEW

VERTICAL BOILER FEED SYSTEMS WITH VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

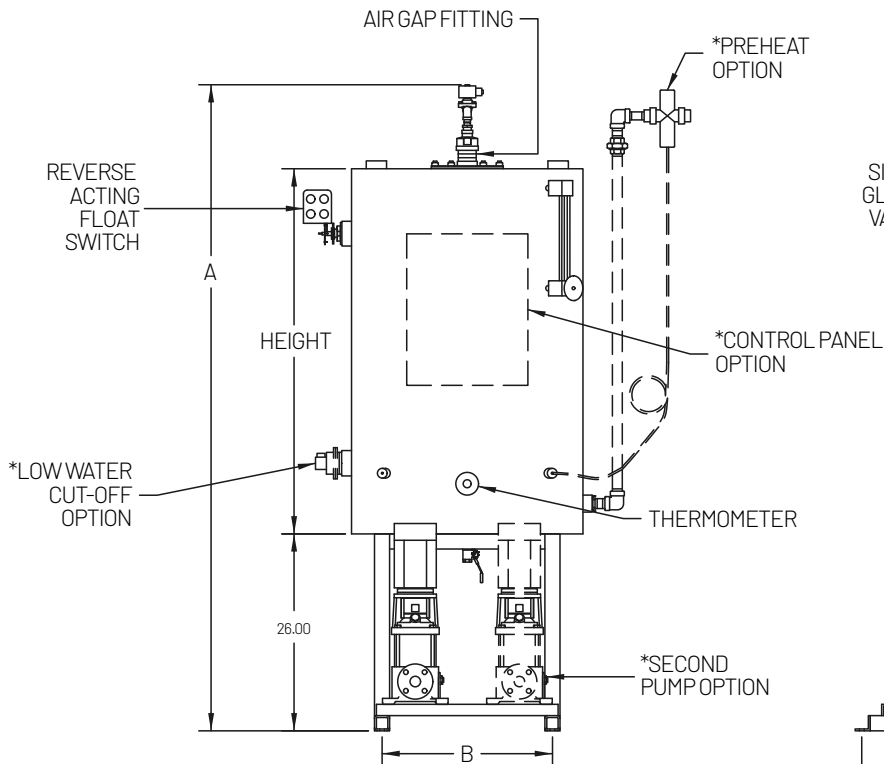
DIMENSIONS - 23" - 31" DIAMETER | SIMPLEX OR DUPLEX



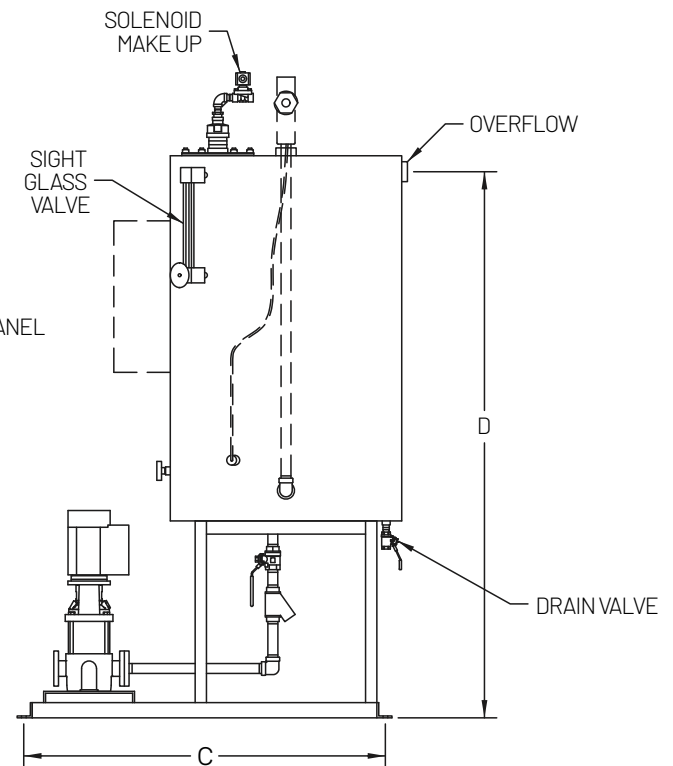
TOP VIEW

NOMINAL O.D.	HEIGHT	GALLONS	A	B	C	D	SIMPLEX WEIGHT	DUPLEX WEIGHT
23	24	43	61.7	21	46.25	48.2	520	734
23	30	54	67.4	21	46.25	54.2	536	751
23	36	65	73.4	21	46.25	60.2	554	769
23	42	76	79.4	21	46.25	66.2	572	787
23	48	86	85.4	21	46.25	72.2	589	804
25	48	102	85.7	22.5	48	72	697	964
25	60	127	97.7	22.5	48	84	736	1002
31	48	157	83.5	22.5	47.75	70.4	876	1142

NOTES: 1) *ASTERIX AND DOTTED ITEMS ARE OPTIONS
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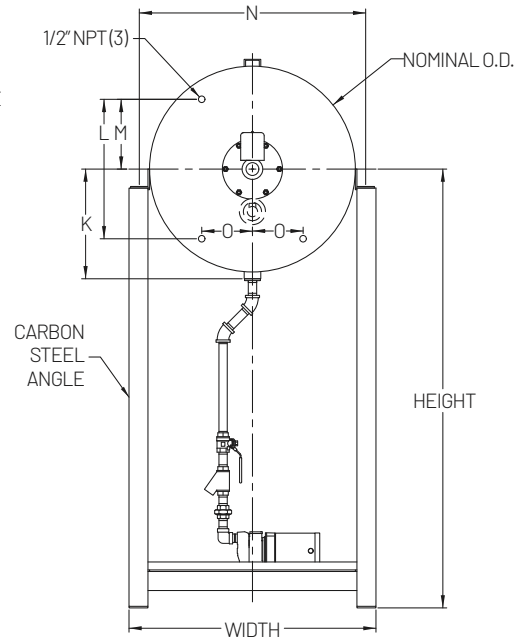
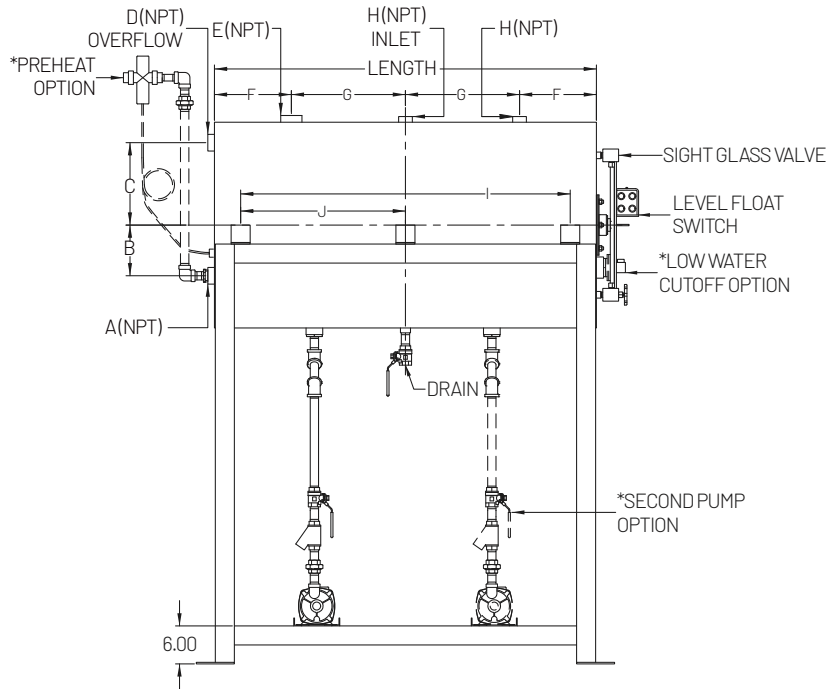
FRONT VIEW



RIGHT SIDE VIEW

HORIZONTAL END SUCTION PUMPS

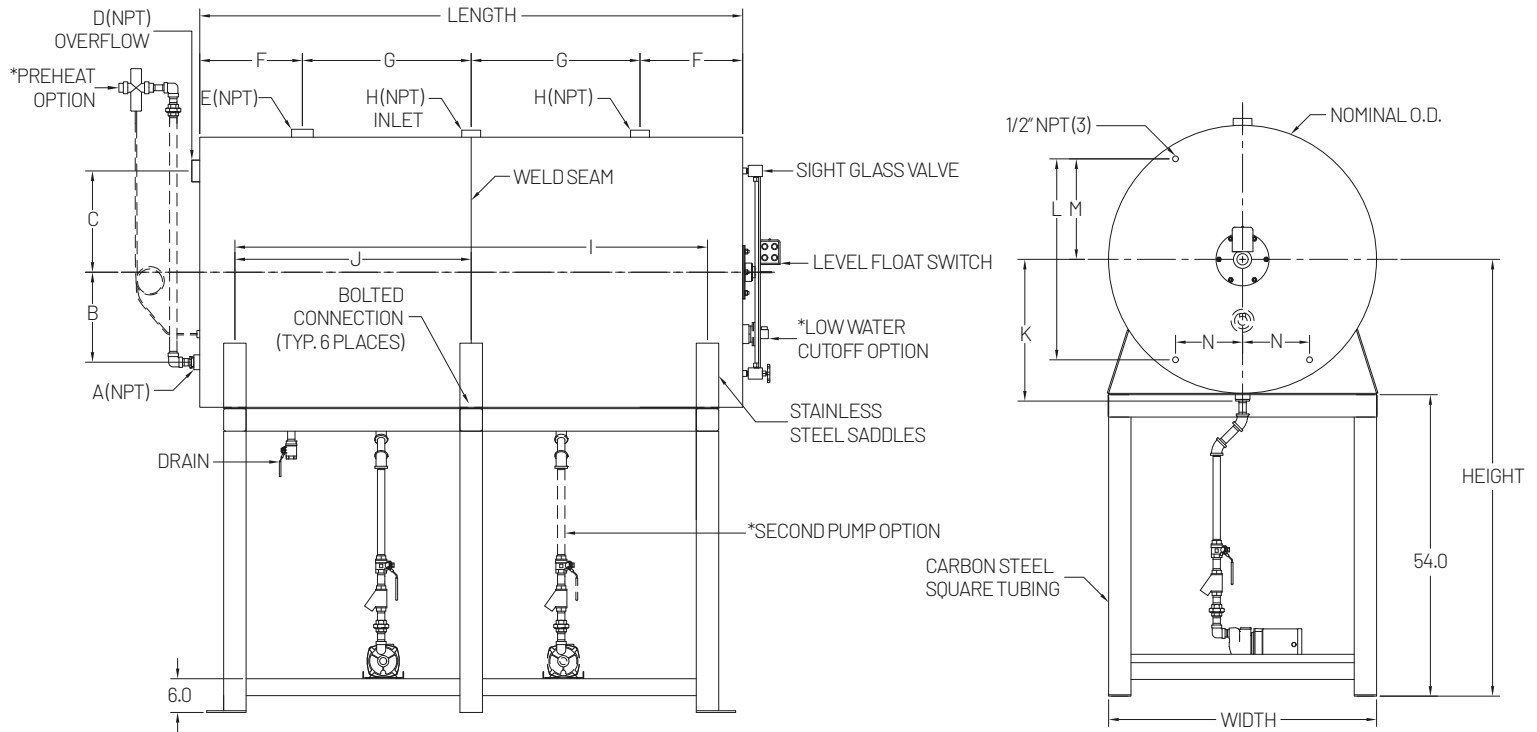
65 - 517 GALLON TANKS HORIZONTAL END SUCTION PUMPS CARBON STEEL ANGLE SUPPORT STAND



HORIZONTAL BFS - SIMPLEX/DUPLEX END SUCTION PUMPS TURBINE/CENTRIFUGAL DIMENSIONS																				WEIGHTS	
GAL	NOMINAL O.D.	LENGTH	HEIGHT	WIDTH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	SIMPLEX	DUPLEX
65	23	36	52.13	27.63	1-1/4	6	10.13	1-1/4	2	6	12	1-1/2	28.75	—	12.55	15.5	7.75	25.13	6	508	634
86	23	48	52.13	27.63	1-1/4	6	10.13	1-1/4	2	8	16	1-1/2	41	—	12.55	15.5	7.75	25.13	6	554	680
102	25	48	59	29.5	1-1/2	7	10.75	1-1/4	2	8	16	1-1/2	41	—	13.47	15.5	7.75	27.5	7	575	701
127	25	60	59	29.5	1-1/2	7	10.75	1-1/4	2	12	18	1-1/2	52	26	13.47	15.5	7.75	27.5	7	631	757
157	30	48	61	35.25	1-1/2	8	13.38	2	2	8	16	1-1/2	41	20.5	16.35	20	10	32.88	8	718	844
184	30	60	61	35.25	1-1/2	8	13.38	2	2	12	18	1-1/2	52	26	16.35	20	10	32.88	8	790	916
209	32	60	69	39.13	2	8	13	2	2-1/2	12	18	1-1/2	52	26	17.3	22	11	34.5	8	930	1056
251	32	72	69	39.13	2-1/2	8	13	2	2-1/2	18	18	1-1/2	54	27	17.3	22	11	34.5	8	1010	1136
317	36	72	71	42.94	2-1/2	9	15.5	2	2-1/2	18	18	2	60	30	19.2	24	12	38.13	10	1104	1230
360	42	60	71	47.75	2-1/2	10.5	18	2	2-1/2	12	18	2-1/2	54	27	21.6	26	13	44.13	10	1123	1189
430	46	60	77	52.63	2-1/2	11.5	20.25	2	3	12	18	2-1/2	54	27	23.98	26	13	48.13	11.5	1559	1685
517	46	72	77	52.63	2-1/2	11.5	20.25	2	3	18	18	2-1/2	60	30	23.98	26	13	48.13	11.5	1718	1844

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690 - 1023 GALLON TANKS HORIZONTAL END SUCTION PUMPS CARBON STEEL SQUARE TUBE SUPPORT STAND

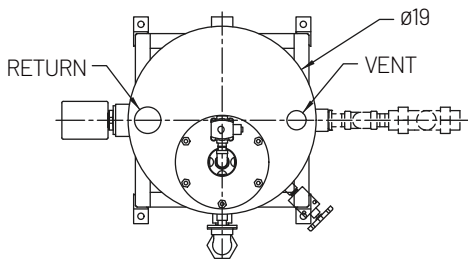


HORIZONTAL BFS - SIMPLEX/DUPLEX END SUCTION PUMPS TURBINE/CENTRUFUGAL																		WEIGHTS		
GALLONS	NOMINAL O.D.	LENGTH	HEIGHT	WIDTH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	SIMPLEX	DUPLEX
690	46	96	77.2	46	2-1/2	14.9	16.9	3	3	18.3	30	3	84	42	24.9	34	17	12	2736	3002
750	48	96	78.3	48	2-1/2	16	18	3	3	18.3	30	3	84	42	26	36	18	12	2756	3023
1023	56	96	82.3	56	2-1/2	20	22	3	3	18.3	30	3	84	42	29.8	44	22	12	3391	3658

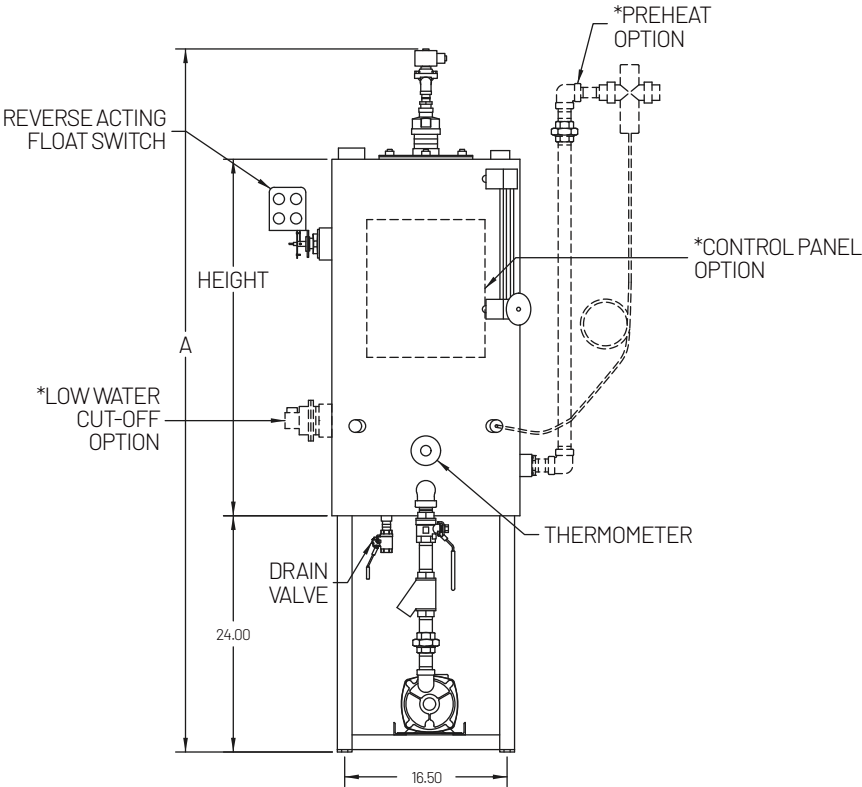
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VERTICAL BOILER FEED SYSTEMS WITH HORIZONTAL END SUCTION CENTRIFUGAL OR REGENERATIVE TURBINE PUMPS

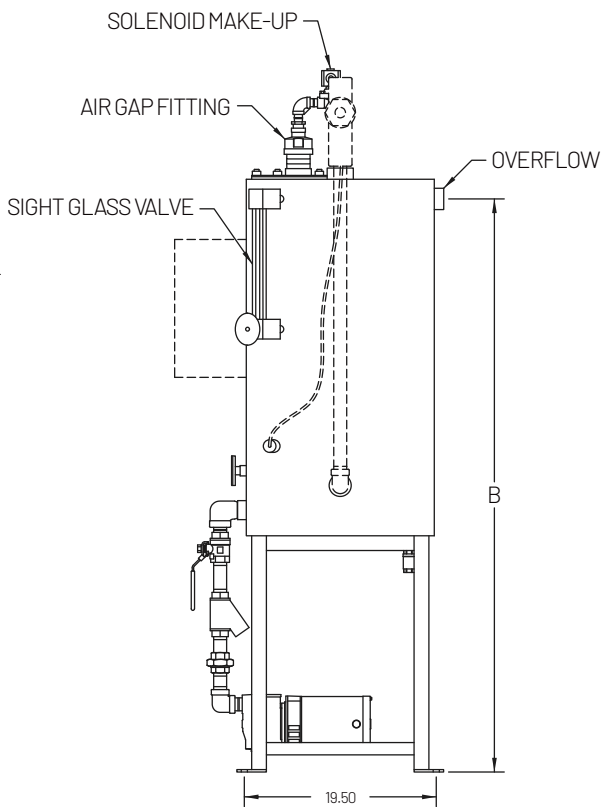
DIMENSIONS - 19" DIAMETER | SIMPLEX ONLY



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

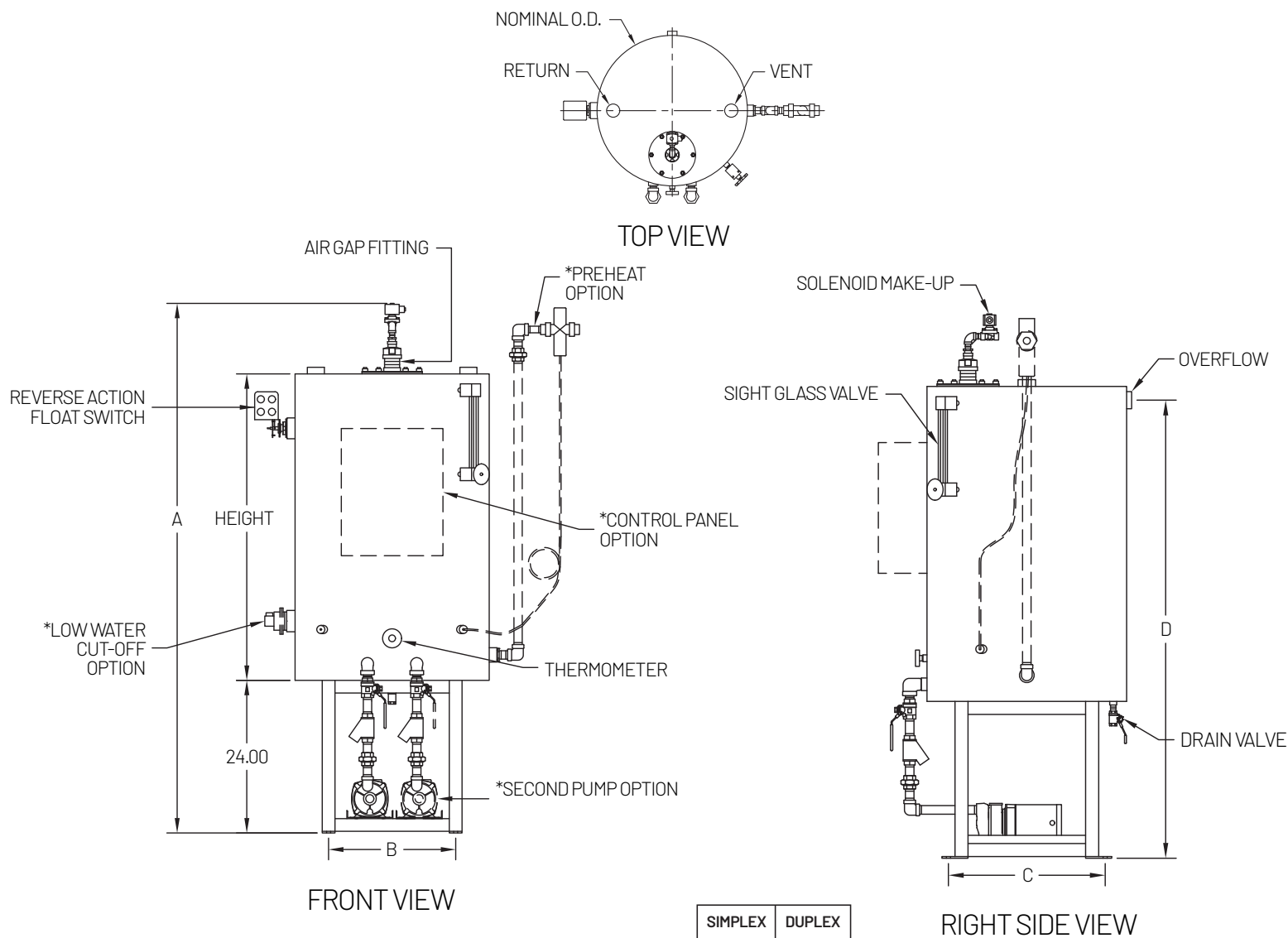
HEIGHT	GALLONS	A	B	WEIGHT
24	29	59.7	48.5	298
30	37	65.7	52.5	312
36	44	71.7	58.5	326
42	52	77.7	64.5	341
48	59	83.7	70.5	355

NOTES: 1) *ASTERIX AND DOTTED ITEMS ARE OPTIONS
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VERTICAL BOILER FEED SYSTEMS WITH HORIZONTAL END SUCTION CENTRIFUGAL OR REGENERATIVE TURBINE PUMPS

DIMENSIONS - 23" - 31" DIAMETER | SIMPLEX OR DUPLEX

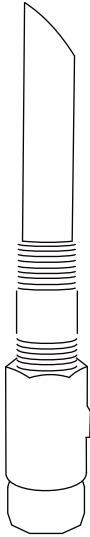


							SIMPLEX	DUPLEX
NOMINAL O.D.	HEIGHT	GALLONS	A	B	C	D	WEIGHT	WEIGHT
23	24	43	59.7	16	20	48.5	365	491
23	30	54	65.7	16	20	52.5	382	508
23	36	65	71.7	16	20	58.5	400	526
23	42	76	77.7	16	20	64.5	418	544
23	48	86	83.7	16	20	70.5	434	560
25	48	102	84	23	23	70.25	491	617
25	60	127	96	23	23	82.25	529	655
31	48	157	83.5	20	20	70.35	664	790

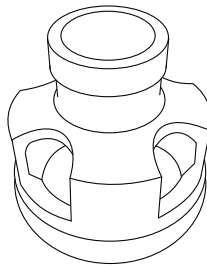
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TANK ACCESSORIES

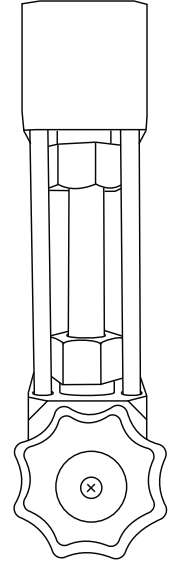
316 STAINLESS STEEL
CHEMICAL INJECTION QUILL



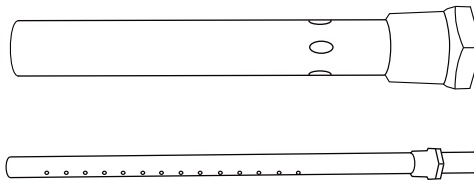
AIR GAP FITTING



STAINLESS STEEL SIGHT
GAUGE VALVE ASSEMBLY



STAINLESS STEEL STEAM
INJECTORS & SPARGE TUBES



FACTORY INSTALLED TANK INSULATION

Tank is wrapped with a 1" Ceramic Fiber Blanket rated to 2600° F and Clad in Aluminum Jacketing with Embossed Stucco Finish.

TANK INSULATION FEATURES

ALUMINUM JACKETING (CLADDING) .020" THICKNESS

- The Premier Protective Outer Surface for Tank Insulation
- Protects the Tank from Physical Damage, UV Exposure, Corrosive Atmospheres and Water
- Stucco Embossed Finish
- 3 mil Thick Polyfoam Moisture Barrier Heat Laminated to Inner Surface

CERAMIC FIBER INSULATION (RCF) 1" THICKNESS

- Used Primarily for Industrial High Temperature Insulating Applications
- Rated to 2600 Degrees F (1425 Degrees C)
- Non-Combustible, Insoluble, Non-Reactive
- Provides the Heat Resistance of a Hard Refractory with Greater Insulation Value



Founded 80 years ago in Aurora, IL, Fabtek offers a complete line of condensate return pumps, boiler feed systems, and vacuum condensate pumps, as well as accessories including chemical injection quills, sparge tubes, valves, gauges, and more. Fabtek will also fabricate custom tanks and its products can fit up with competitive models either directly, or through the use of adaptor plates or flanges.