

SPECIFICATION DATA

MULTIPASS FLEXIBLE WATERTUBE BOILERS

HOT WATER BOILERS



The Ultimate Heat

UNILUX BOILER CORPORATION

140 Hanlan Road,
Woodbridge, Ontario L4L 3P6
Phone: (905) 851-3981 Fax: (905) 851-3987
E-mail: info@uniluxboilers.com
Web Site: www.uniluxboilers.com

"From commercial comfort to industrial process"

DIMENSIONS

BOILER MODEL - W	100	150	200	250	300	350	400	500	600	700	800	900
A LENGTH OF BASE	51	63	63	72	72	78	87	99 1/4	111 1/4	120 1/2	120 1/2	129 1/2
A1 LENGTH OF SUPPORT FROM BASE	-	-	-	-	-	-	-	-	-	-	-	-
B HEIGHT	71 1/2	71 1/2	76	76	80 1/2	80 1/2	85	85	87	95	95	95
C WIDTH OF BASE	35 1/2	35 1/2	39 1/2	39 1/2	43 1/2	43 1/2	45 1/2	45 1/2	47 1/2	51 1/2	51 1/2	51 1/2
D CTR. LOWER DRUM TO CTR. UPPER DRUM	52 1/2	52 1/2	57	57	61 1/2	61 1/2	64	64	66	70	70	70
E CENTER OF LOWER DRUM TO BOTTOM	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	11	11	11	14	14	14
F CENTER OF BURNER OPENING TO BOTTOM	27	27	29	29	31	31	34	34	35	39 1/2	39 1/2	39 1/2
G INLET / OUTLET FLANGE CLASS 150	2	2	3	3	3 1/2	4	4	5	5	5	6	6
H NOZZLE CLEARANCE FROM TOP, FRONT	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4
J CENTER OF FLUE GAS OUTLET TO REAR	14	14	15	15	16	16	17	17	18	19	19	20
K DRUM CLEARANCE FROM BASE, FRONT	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8
L TUBE REMOVAL CLEARANCE FROM BASE	18	18	22	22	26	26	26	28	28	30	34	34
M UPPER DRUM, OD, NPS	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	10 3/4	10 3/4	10 3/4	12 3/4	12 3/4
N LOWER DRUM, OD, NPS	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	10 3/4	10 3/4	10 3/4	12 3/4	12 3/4
O FLUE GAS OUTLET, ID	8	8	10	10	12	12	14	14	16	18	18	20
P NOZZLE CLEARANCE FROM BASE, REAR	18 1/2	18 1/2	18 1/2	19 1/2	19 1/2	19 1/2	19 1/2	20 1/2	20 1/2	21 1/2	21 1/2	21 1/2
Q BLOWDOWN, NPT	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2	2
R BURNER DIMENSION	34	34	34	38	38	38	38	38	38	46	46	46
W OVERALL BOILER LENGTH	82 13/16	94 7/8	94 7/8	104 15/16	104 15/16	110 15/16	120	133 3/16	145 3/16	155 1/2	155 1/2	164 1/2
X OVERALL BOILER LENGTH WITH BURNER	103 5/16	115 3/8	115 3/8	129 7/16	129 7/16	135 7/16	144 1/2	157 7/8	169 3/4	188 1/16	188 1/16	197 1/16

BOILER MODEL - W	1000	1200	1400	1600	1800	2000	2250	2500	2750	3000	3500
A LENGTH OF BASE	141 1/2	159 1/2	174 3/4	186 3/4	186 3/4	195 3/4	205 1/4	221 1/4	237 1/2	237 1/2	265 1/2
A1 LENGTH OF SUPPORT FROM BASE	-	-	-	-	-	-	-	TBA	TBA	TBA	TBA
B HEIGHT	95	99	99	101	106 1/2	106 1/2	145 1/2	145 1/2	145 1/2	147 1/2	157 1/2
C WIDTH OF BASE	51 1/2	55 1/2	55 1/2	59 1/2	65 1/2	71 1/2	96	96	96	102	102
D CTR. LOWER DRUM TO CTR. UPPER DRUM	70	74	74	76	81 1/2	81 1/2	113	113	113	115	125
E CENTER OF LOWER DRUM TO BOTTOM	14	14	14	14	14	14	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2
F CENTER OF BURNER OPENING TO BOTTOM	39 1/2	41	41	41	44 1/2	44 1/2	58	58	58	59	61
G INLET / OUTLET FLANGE CLASS 150	6	6	8	8	8	8	10	10	10	10	12
H NOZZLE CLEARANCE FROM TOP, FRONT	13 3/4	13 3/4	16 1/4	16 1/4	16 1/4	16 1/4	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2
J CENTER OF FLUE GAS OUTLET TO REAR	20	21	22	23	23	23	27	27	28	28	29
K DRUM CLEARANCE FROM BASE, FRONT	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	8 7/8	8 7/8	8 7/8	8 7/8	8 7/8
L TUBE REMOVAL CLEARANCE FROM BASE	34	38	38	42	48	54	70	70	70	76	76
M UPPER DRUM, OD, NPS	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	16	16	16	16	16
N LOWER DRUM, OD, NPS	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	16	16	16	16	16
O FLUE GAS OUTLET, ID	20	22	24	24	26	26	28	28	30	30	32
P NOZZLE CLEARANCE FROM BASE, REAR	21 1/2	21 1/2	24	24	26	26	35	35	35	35	35
Q BLOWDOWN, NPT	2	2	2	2	2	2	2	2	2	2	2
R BURNER DIMENSION	46	46	46	46	46	46	46	46	46	46	46
W OVERALL BOILER LENGTH	177 1/4	194 3/4	214 3/4	226 3/4	238 3/4	262 13/16	278 7/8	295	295	323 1/8	347
X OVERALL BOILER LENGTH WITH BURNER	209 13/16	227 5/8	244 13/16	256 13/16	268 13/16	286 11/16	302 3/4	318 7/8	318 7/8	347	

Consult Factory

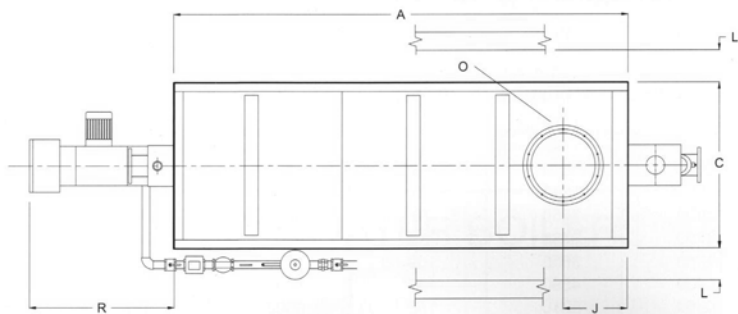
ALL DIMENSIONS SHOWN IN INCHES

Note: Dimensions subject to change without notice. Consult factory for certified dimensions.

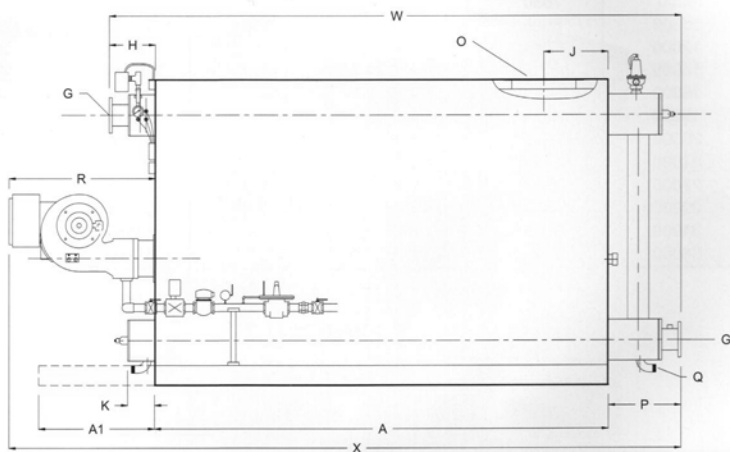


The Ultimate Heat

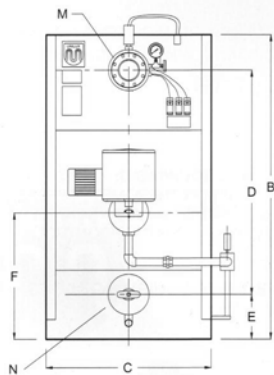
Note: Burner dimension "R" is based upon approximate lengths of combustion equipment. Actual dimensions for "R" and "X" may vary accordingly.



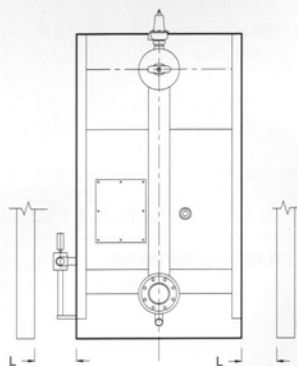
TOP VIEW



SIDE VIEW



FRONT VIEW

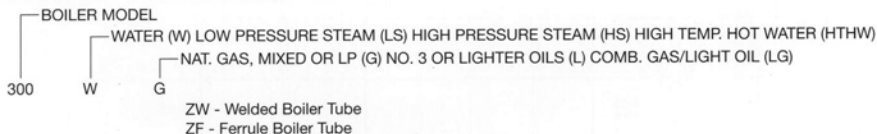


REAR VIEW

UNILUX HOT WATER BOILER CAPACITIES:

BOILER MODEL W	MAXIMUM FUEL INPUT BTU/HR IN THOUSANDS	BOILER OUTPUT BTU/HR IN THOUSANDS	APPROX. BOILER HORSE POWER	SHIPPING WEIGHT LBS	OPERATING WEIGHT LBS	WATER CONTENT U.S. GALLONS
100	1250	1062	31.5	3290	3790	60
150	1750	1485	44.5	3800	4380	70
200	2200	1870	56	4400	5035	76
250	2750	2340	70	5000	5750	90
300	3000	2550	76	5600	6410	97
350	3750	3185	95.2	6100	6985	106
400	4300	3655	109	6800	7800	120
500	5400	4590	137	8200	9660	175
600	6250	5310	158	9000	10625	195
700	7200	6120	183	10000	11820	218
800	8000	6800	203	11400	13650	270
900	9000	7650	228.5	12140	14580	293
1000	10000	8500	254	13200	15870	320
1200	12000	10200	304	15480	18625	377
1400	14000	11900	355	16600	20100	420
1600	16000	13600	406	18800	22680	465
1800	18000	15300	457	20960	25210	510
2000	20000	17000	508	22700	27290	550
2250	24000	20400	609	37350	46360	1080
2500	27000	22950	685	39340	49050	1165
2750	29000	24650	736	41300	51725	1250
3000	34000	28900	863	43160	53880	1285
3500	38000	32300	965	49000	61340	1480
4000	CONSULT FACTORY					
4500						
5000						
5500						
6000						
6500						
7000						
7500						

ORDER NUMBER PROCEDURE: Example - ZF 300WG



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
 DIMENSIONS MUST BE CONFIRMED FOR CONSTRUCTION.

STANDARD EQUIPMENT:

- COMBINATION THERMOMETER PRESSURE GAUGE
- LWCO • RELIEF VALVES • BURNER OPERATING AND SAFETY TEMPERATURE CONTROLS

UNILUX BOILER REPRESENTATIVE:

ALL BURNER EQUIPMENT UL, CSA APPROVED

