



MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961
Tel: (502) 778-2731 • 1 (800) 928-PUMP

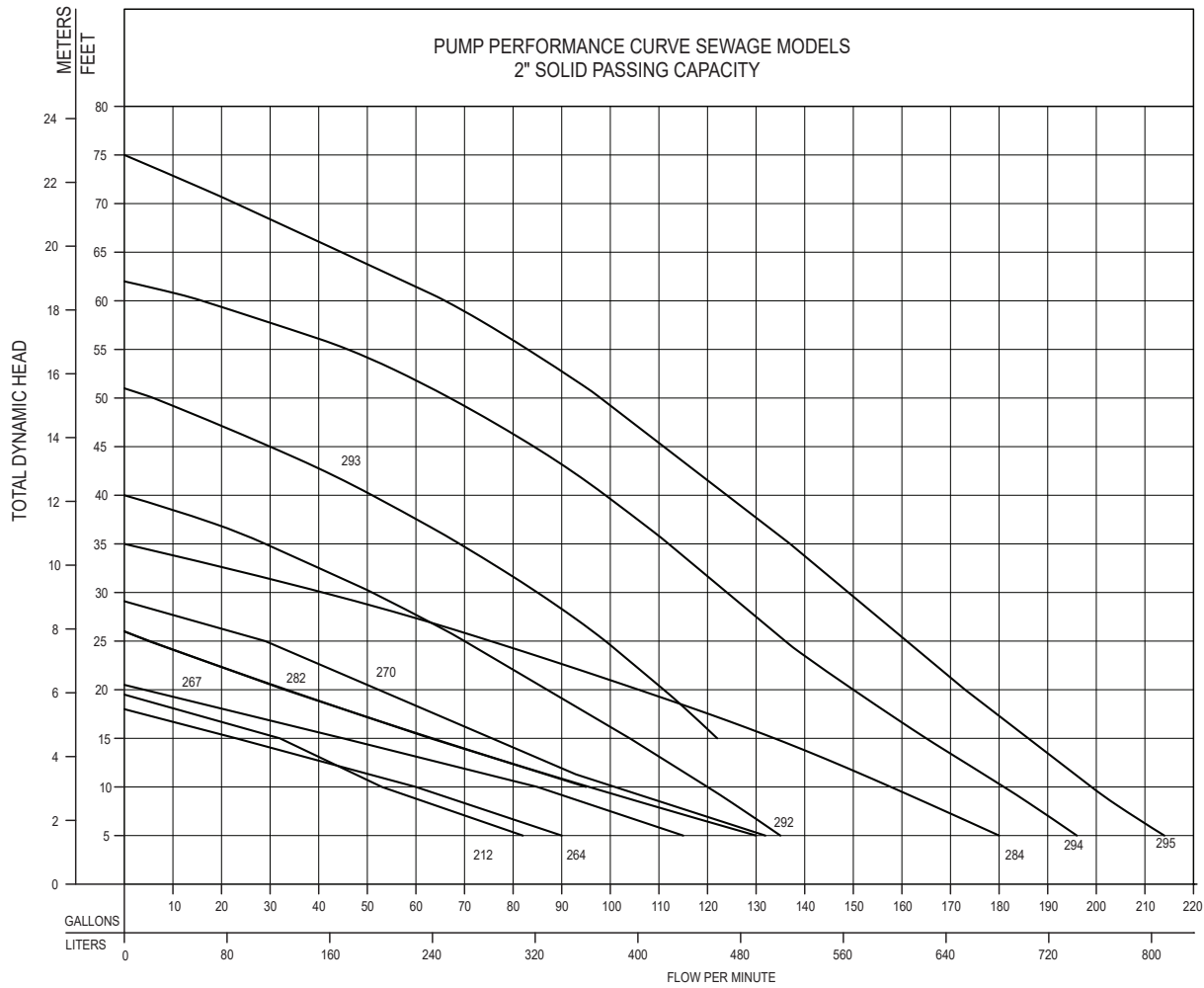
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Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

PUMP PERFORMANCE CURVE SEWAGE and DEWATERING

▲ CAUTION

Model 293 should not be subjected to less than 15 feet TDH.



009904

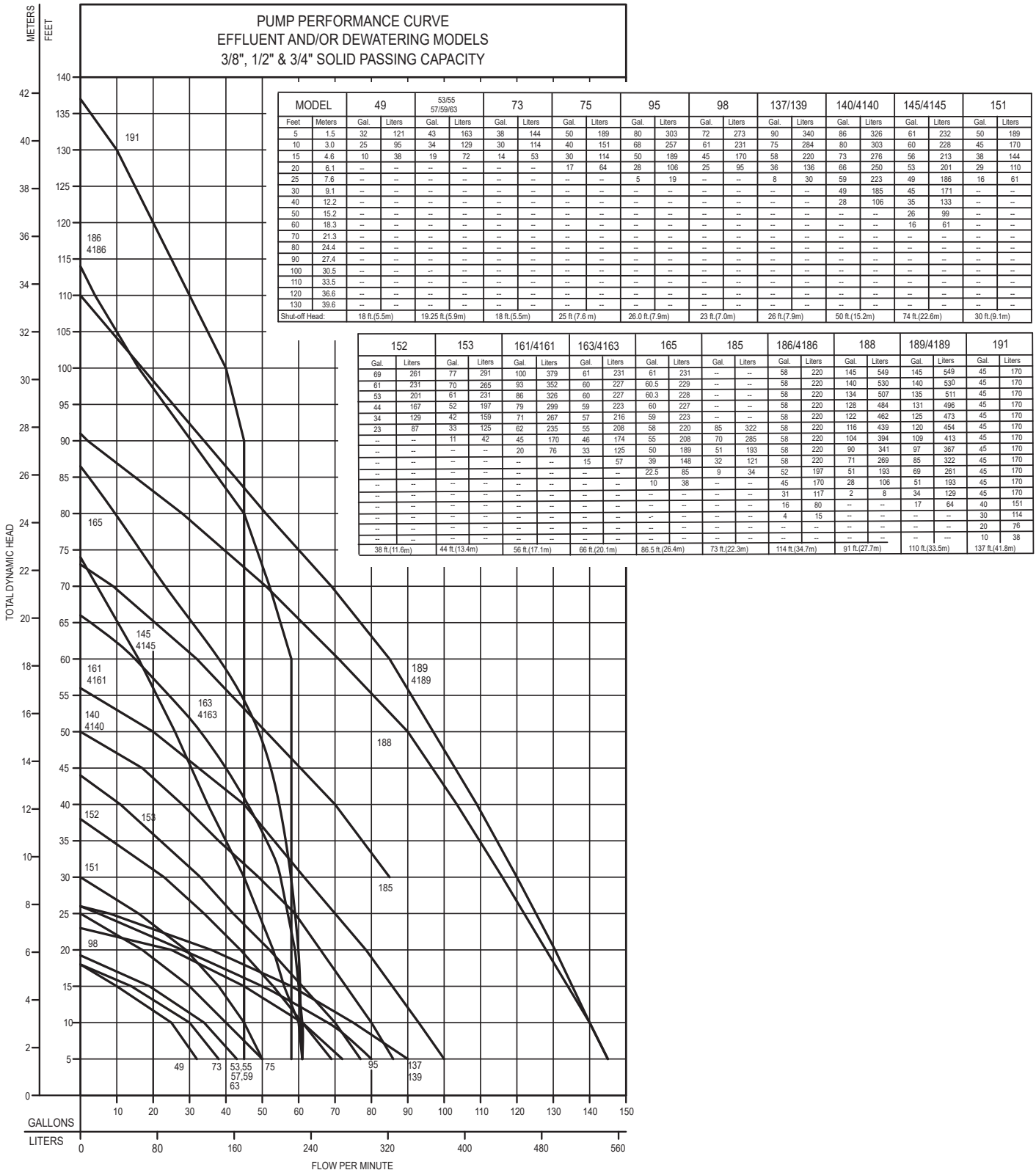
TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE AND DEWATERING

MODEL	212		264		267		270/4270		282		284/4284		292/4292		293		294/4294		295/4295			
	Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters		
5	1.5		82	310	90	341	115	435	132	500	127	481	179	678	135	511	--	--	196	742	214	810
10	3.0		53	201	60	227	85	322	101	382	96	363	157	594	120	454	--	--	181	685	199	753
15	4.6		32	121	23	87	45	170	77	291	64	242	133	503	104	394	122	462	165	625	186	704
20	6.1		--	--	--	--	--	--	56	212	34	129	106	401	87	329	111	420	150	568	173	655
25	7.6		--	--	--	--	--	29	110	6	23	73	276	70	265	99	375	136	515	161	609	
30	9.1		--	--	--	--	--	--	--	--	--	42	159	51	193	85	322	124	469	149	564	
35	10.7		--	--	--	--	--	--	--	--	--	--	29	110	69	261	112	424	137	519		
40	12.2		--	--	--	--	--	--	--	--	--	--	--	--	51	193	99	375	124	469		
50	15.2		--	--	--	--	--	--	--	--	--	--	--	--	6	23	67	254	98	371		
55	16.8		--	--	--	--	--	--	--	--	--	--	--	--	--	--	46	174	83	314		
60	18.3		--	--	--	--	--	--	--	--	--	--	--	--	--	--	16	61	66	250		
70	21.3		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23	87		
Shut-off Head:			19.5 ft.(5.9m)		18 ft.(5.5m)		20.5 ft.(6.2m)		29 ft.(8.8m)		26 ft.(7.9m)		35 ft.(10.7m)		40 ft.(12.2m)		51 ft.(15.5m)		62 ft.(18.9m)		75 ft.(22.9m)	

PUMP PERFORMANCE CURVE

EFFLUENT and/or DEWATERING

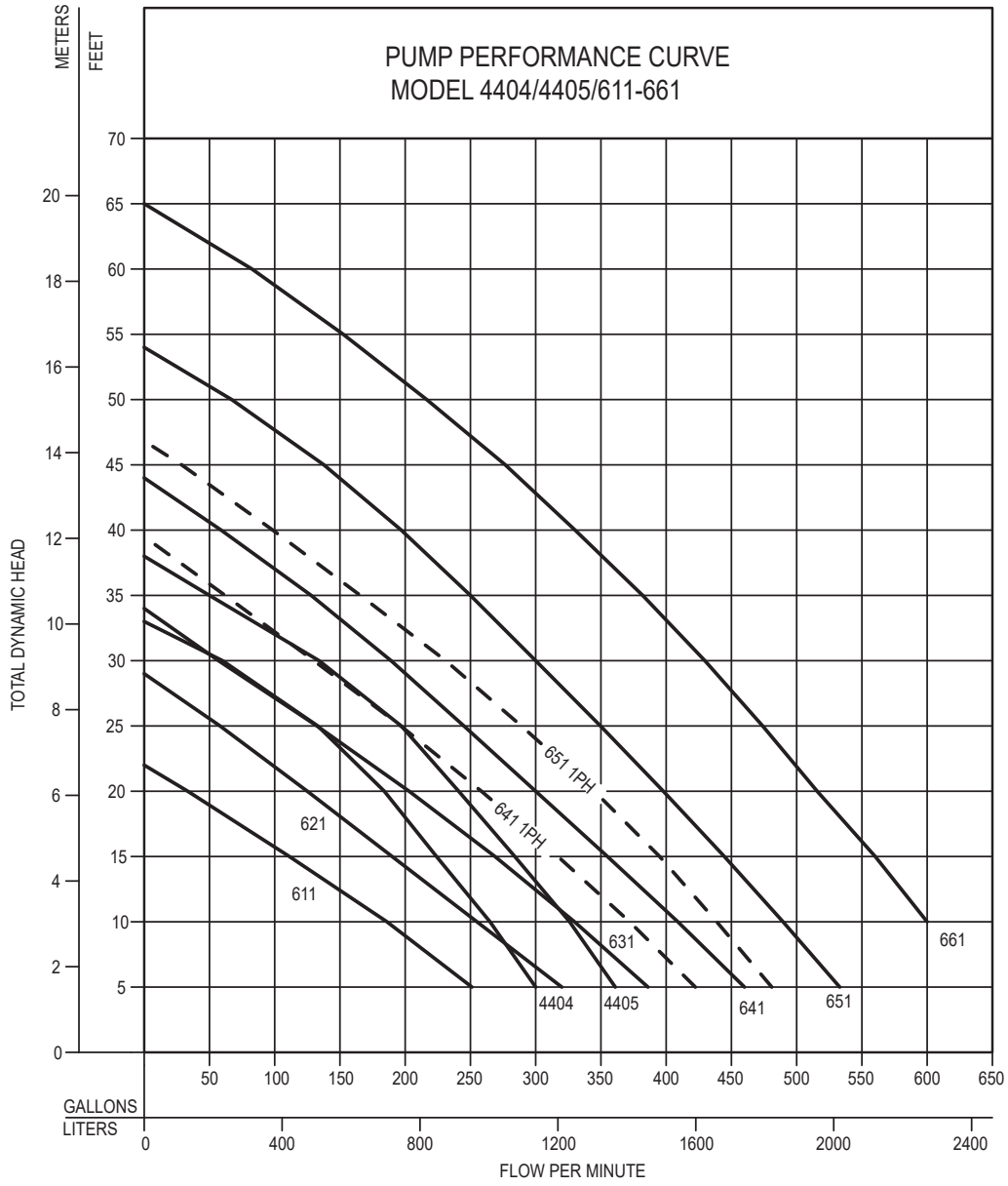
⚠ CAUTION Model 185 should not be subjected to less than 30 feet TDH.



009922

PUMP PERFORMANCE CURVE

SEWAGE/WASTE



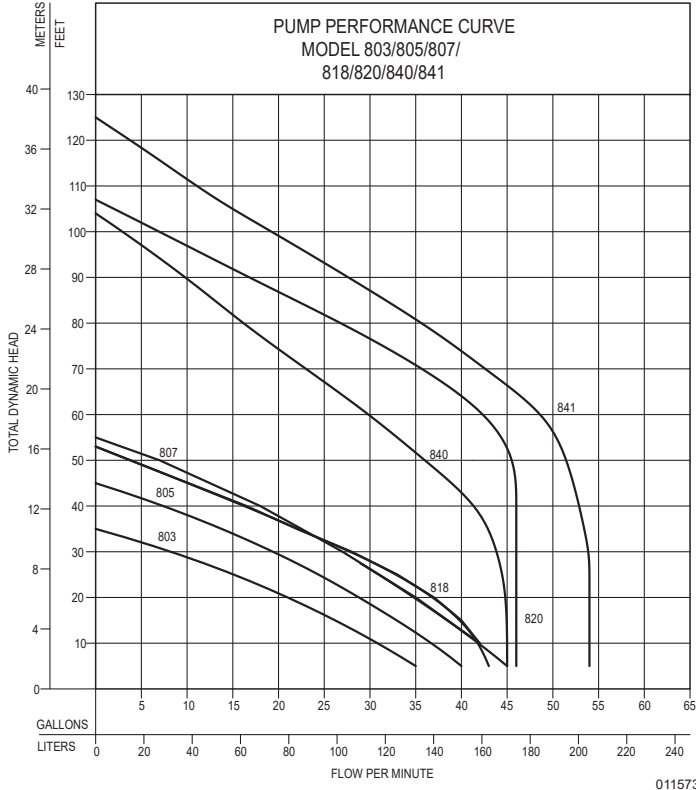
TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE

MODEL		4404		4405		611		621		631		641		641 1PH		651		651 1PH		661	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	300	1136	361	1367	250	946	320	1211	390	1476	460	1741	420	1590	533	2018	475	1798	--	--
10	3.0	265	1003	326	1234	185	700	255	965	335	1266	410	1552	370	1401	490	1855	440	1666	600	2271
15	4.6	224	848	284	1075	110	416	190	719	272	1030	355	1344	319	1208	445	1685	395	1495	560	2119
20	6.1	184	696	241	912	35	132	125	473	200	757	300	1136	260	984	398	1507	345	1306	515	1949
25	7.6	133	503	197	746	--	--	60	227	130	492	245	927	198	750	350	1325	290	1098	475	1798
30	9.1	60	227	134	507	--	--	--	--	55	208	190	719	130	492	300	1136	232	878	430	1627
35	10.7	--	--	50	189	--	--	--	--	--	--	130	492	62	235	250	946	165	625	380	1438
40	12.2	--	--	--	--	--	--	--	--	--	--	60	227	--	--	198	738	95	360	330	1249
45	13.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	140	530	25	95	275	1041
50	15.2	--	--	--	--	--	--	--	--	--	--	--	--	--	70	265	--	--	215	814	
55	16.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	150	568	
60	18.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	85	303	
Shut-off Head:		33 ft.(10.1m)		38 ft.(11.6m)		22 ft.(6.7m)		29 ft.(8.8m)		35 ft.(10.7m)		44 ft.(13.4m)		39.5 ft.(12.0m)		54 ft.(16.5m)		46.5 ft.(14.2m)		65 ft.(19.8m)	

PUMP PERFORMANCE CURVE

GRINDER PUMPS

TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE



MODELS		803		805		807		818		820		840		841	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	35	132	40	151	45	170	43	163	46	174	45	170	54	204
10	3.0	31	117	37	140	42	159	42	159	46	174	45	170	54	204
20	6.1	22	83	29	110	35	132	37	140	46	174	45	170	54	204
30	9.1	9	34	20	76	27	102	28	106	46	174	44	167	54	204
40	12.2	--	--	8	30	18	68	16.5	62	46	174	42	159	54	204
50	15.2	--	--	--	--	7	26	--	--	46	174	36	136	52	197
60	18.3	--	--	--	--	--	--	--	--	43	163	30	114	49	185
70	21.3	--	--	--	--	--	--	--	--	36	136	23	87	43	163
80	24.4	--	--	--	--	--	--	--	--	27	102	16	61	36	136
90	27.4	--	--	--	--	--	--	--	--	16.7	63	10	38	28	106
100	30.5	--	--	--	--	--	--	--	--	7	26	3	11	19	72
110	33.5	--	--	--	--	--	--	--	--	--	--	--	--	11	42
120	36.6	--	--	--	--	--	--	--	--	--	--	--	--	4	15
Shut-off head:		35 ft. (10.7m)		45 ft. (13.7m)		55 ft. (16.8m)		53 ft. (16.2m)		107 ft. (32.6m)		104 ft. (31.7m)		125 ft. (38.1m)	

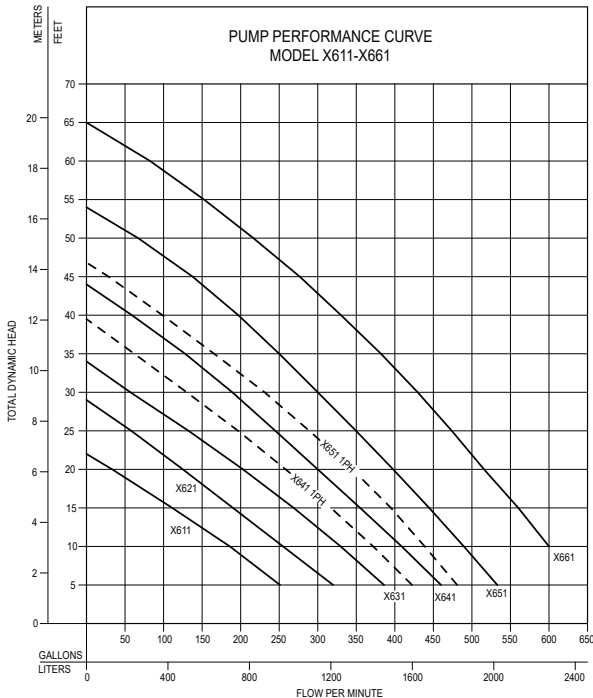
011573B

011573A

PUMP PERFORMANCE CURVE

HAZARDOUS LOCATIONS

TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE



MODEL		X611		X621		X631		X641		X641 1PH		X651		X651 1PH		X661	
Feet	Meters	Gal.	Liters	Gal.	Liters	Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	250	946	320	1211	390	1476	460	1741	420	1590	533	2018	475	1798	--	--
10	3.0	185	700	255	965	335	1266	410	1552	370	1401	490	1855	440	1666	800	2271
15	4.6	110	416	190	719	272	1030	355	1344	319	1208	445	1685	395	1495	560	2119
20	6.1	35	132	125	473	200	757	300	1136	260	984	398	1507	345	1306	515	1949
25	7.6	--	--	60	227	130	492	245	927	198	750	350	1325	290	1098	475	1768
30	9.1	--	--	--	--	55	208	190	719	130	492	300	1136	232	878	430	1627
35	10.7	--	--	--	--	--	--	130	492	62	235	250	946	165	625	380	1438
40	12.2	--	--	--	--	--	--	60	227	--	--	198	738	95	360	330	1249
45	13.7	--	--	--	--	--	--	--	--	--	--	140	530	25	95	275	1041
50	15.2	--	--	--	--	--	--	--	--	--	--	70	265	--	--	215	814
55	16.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	150	568
60	18.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	85	303
Shut-off Head:		22 ft. (6.7m)		29 ft. (8.8m)		35 ft. (10.7m)		44 ft. (13.4m)		39.5 ft. (12.0m)		54 ft. (16.5m)		46.5 ft. (14.2m)		65 ft. (19.8m)	

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