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



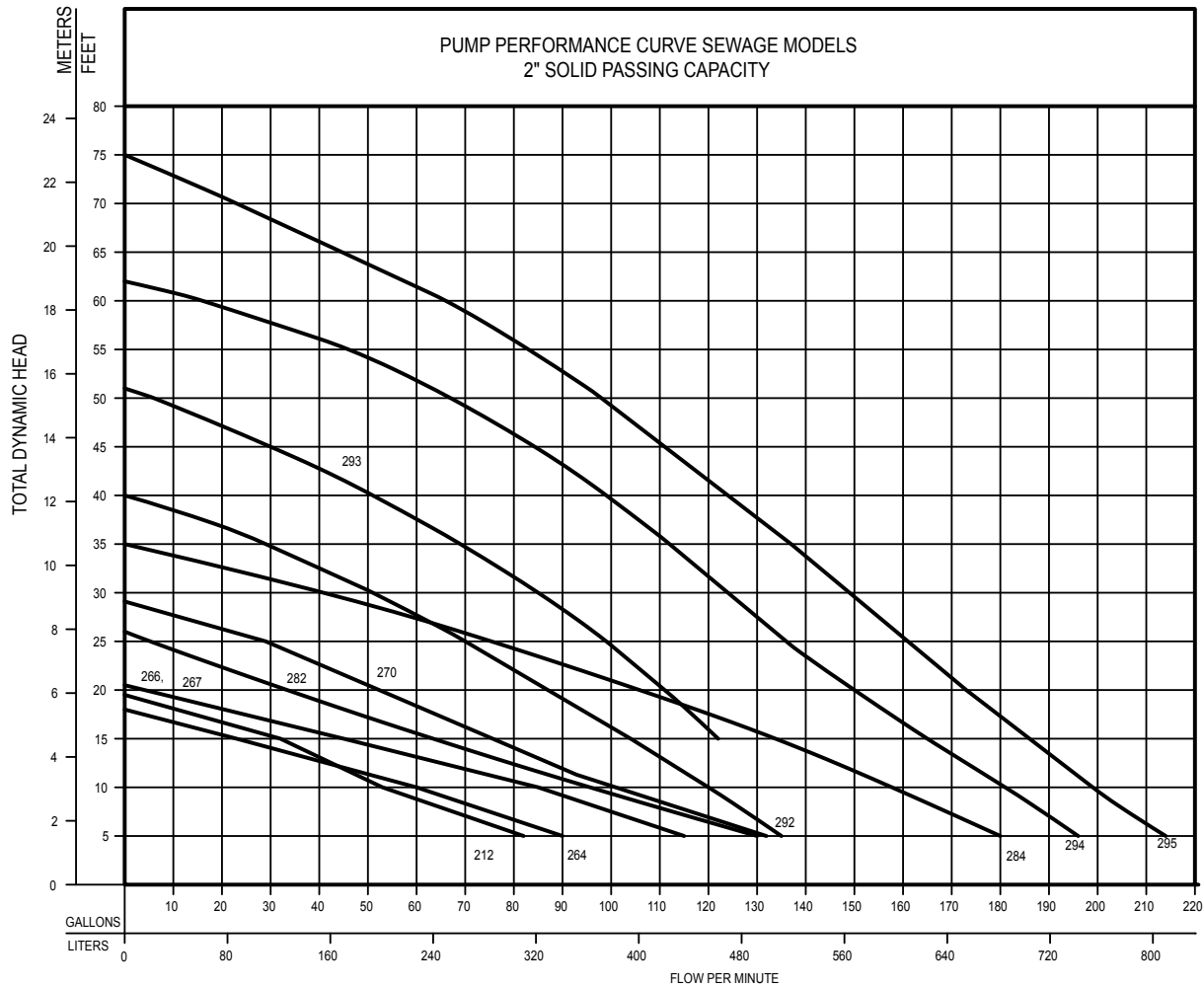
SECTION: 5.10.003
FM0269
0218
Supersedes
0317

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PUMP PERFORMANCE CURVE SEWAGE and DEWATERING

▲ CAUTION Model 293/4293 should not be subjected to less than 15 feet TDH.

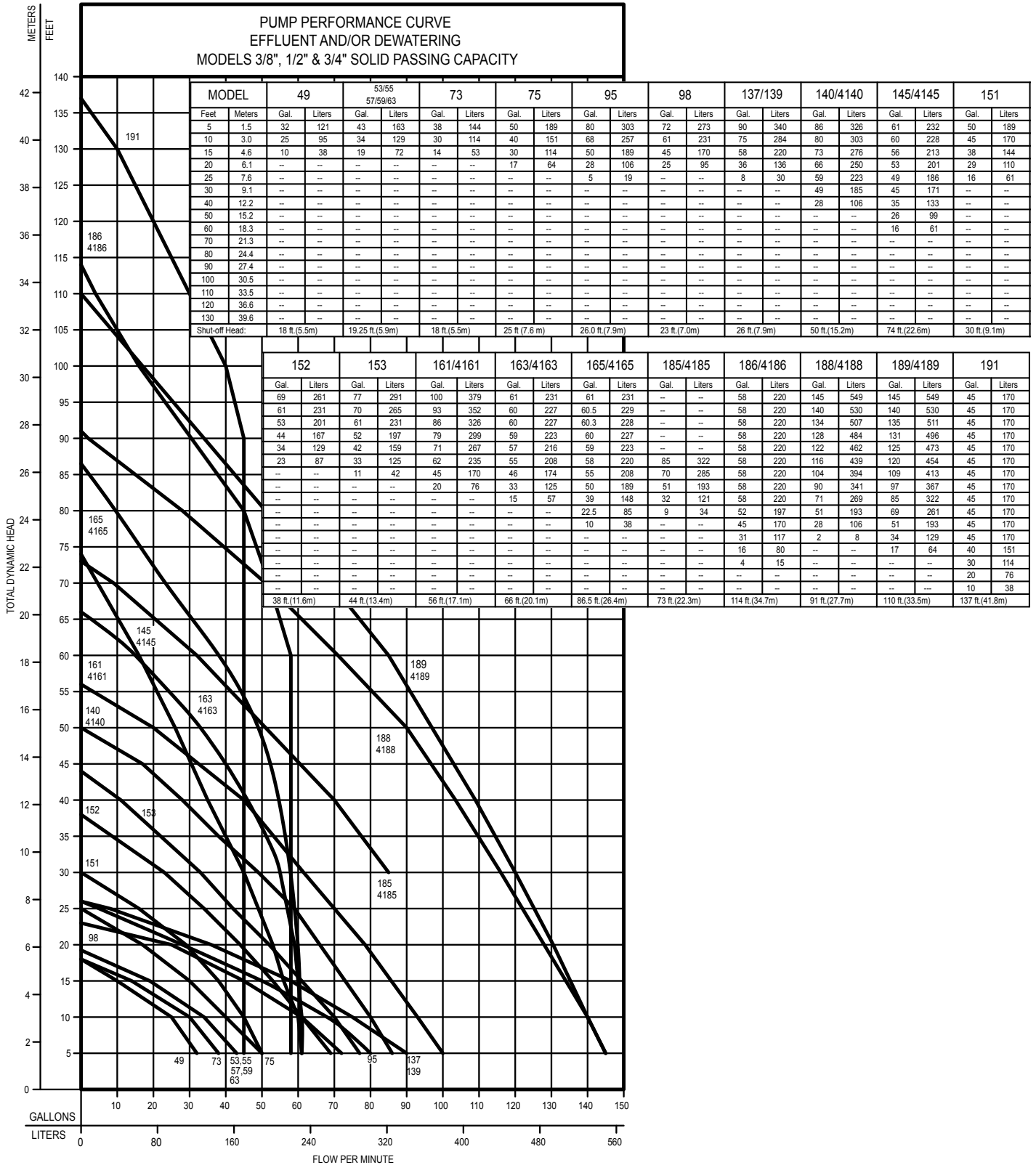


**TOTAL DYNAMIC HEAD/FLOW PER MINUTE
SEWAGE AND DEWATERING**

MODEL	212		264		266/267		270/270		282/282		284/284		292/292		293/293		294/294		295/295		
Feet	Meters	Gal.	Liters	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)	

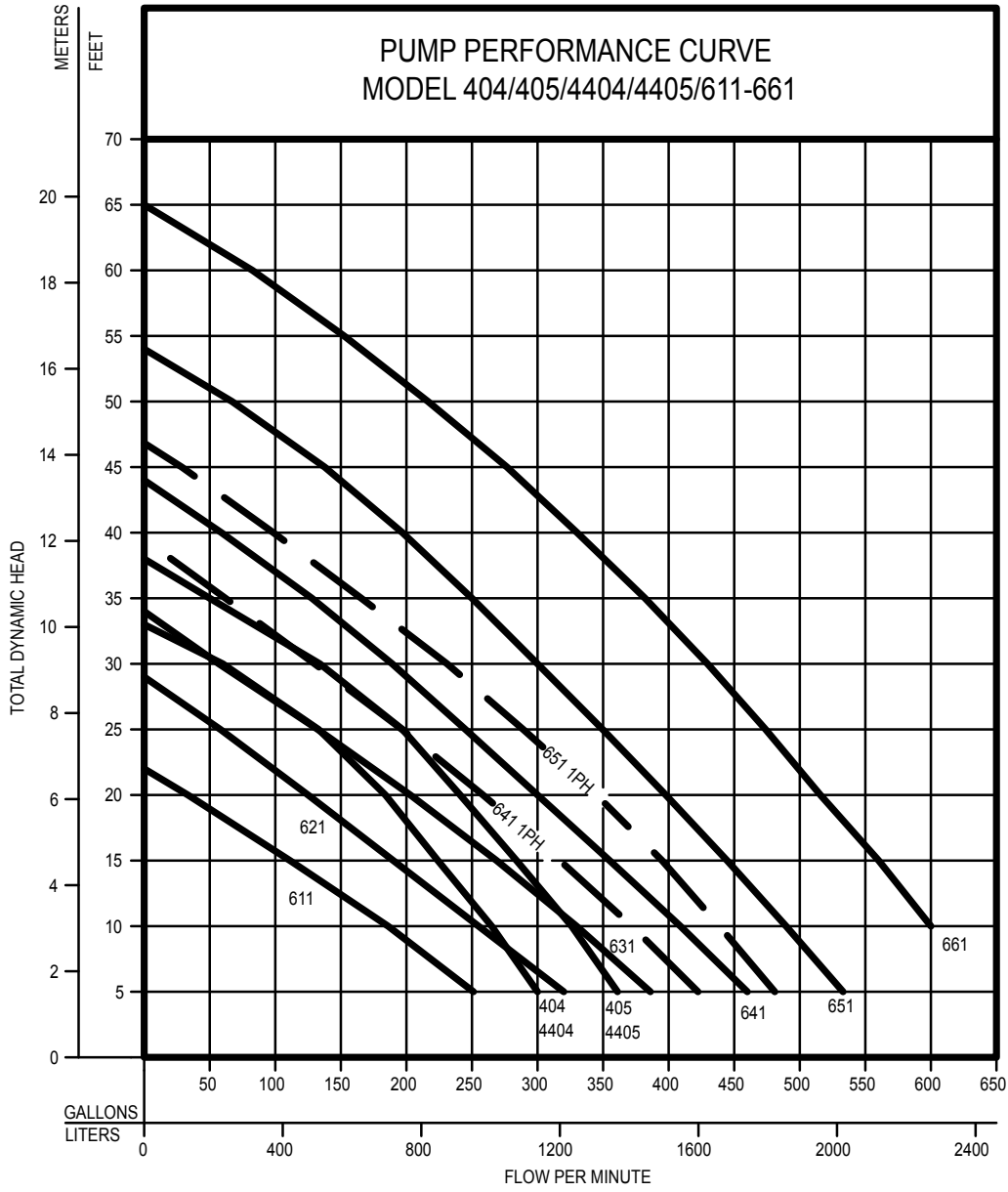
PUMP PERFORMANCE CURVE EFFLUENT and/or DEWATERING

⚠ CAUTION Model 185/4185 should not be subjected to less than 30 feet TDH.



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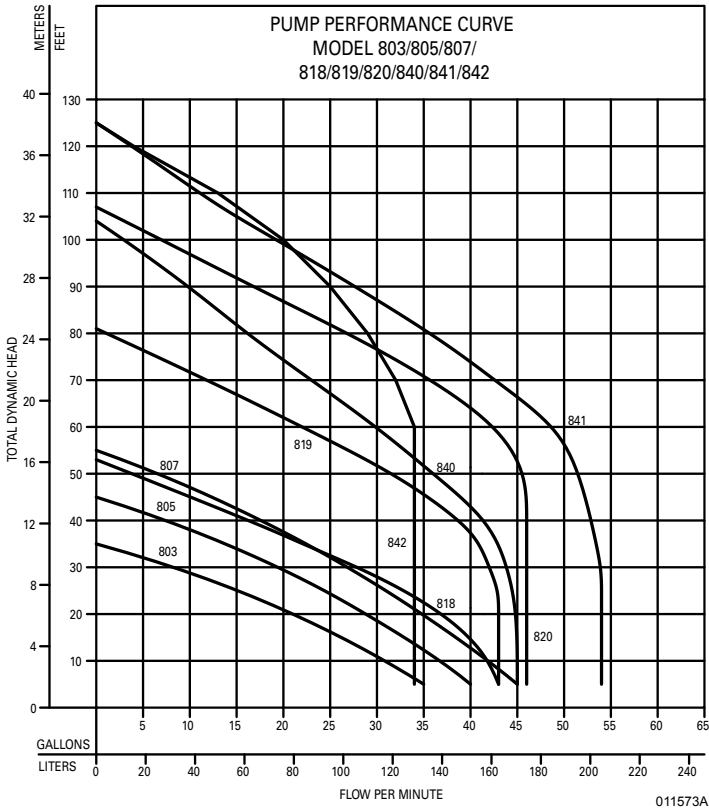
PUMP PERFORMANCE CURVE SEWAGE/WASTE



TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE

MODEL		404/4404		405/4405		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.(8.9m)		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



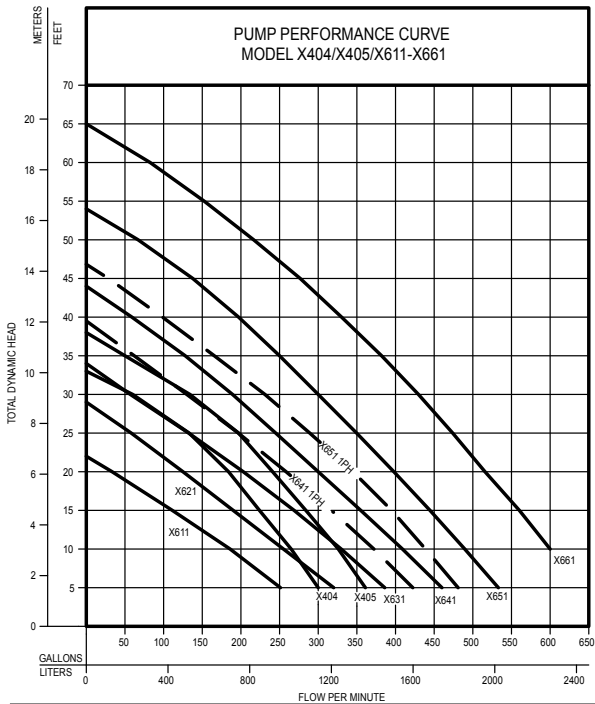
TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE

MODELS		803		805		807		818	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	35	132	40	151	45	170	43	163
10	3.0	31	117	37	140	42	159	42	159
20	6.1	22	83	29	110	35	132	37	140
30	9.1	9	34	20	76	27	102	28	106
40	12.2	--	--	8	30	18	68	16.5	62
50	15.2	--	--	--	--	7	26	--	--
60	18.3	--	--	--	--	--	--	--	--
70	21.3	--	--	--	--	--	--	--	--
80	24.4	--	--	--	--	--	--	--	--
90	27.4	--	--	--	--	--	--	--	--
100	30.5	--	--	--	--	--	--	--	--
110	33.5	--	--	--	--	--	--	--	--
120	36.6	--	--	--	--	--	--	--	--
Shut-off head:		35 ft. (10.7m)		45 ft. (13.7m)		55 ft. (16.8m)		53 ft. (16.2m)	

819		820		840		841		842	
Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
43	163	46	174	45	170	54	204	34	129
43	163	46	174	45	170	54	204	34	129
43	163	46	174	45	170	54	204	34	129
42	159	46	174	44	167	54	204	34	129
39	148	46	174	42	159	54	204	34	129
32	121	46	174	36	136	52	197	34	129
22	83	43	163	30	114	49	185	34	129
12	45	36	136	23	87	43	163	32	121
--	--	27	102	16	61	36	136	29	110
--	--	16.7	63	10	38	28	106	25	95
--	--	7	26	3	11	19	72	20	76
--	--	--	--	--	--	11	42	13	49
--	--	--	--	--	--	4	15	4	15
81 ft. (24.7m)		107 ft.(32.6 m)		104 ft.(31.7 m)		125 ft.(38.1 m)		125 ft.(38.1 m)	

011573B

PUMP PERFORMANCE CURVE HAZARDOUS LOCATIONS



TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE

MODEL		X404		X405		X611		X621		X631	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Feet	Meters
5	1.5	300	1136	361	1367	250	946	320	1211	390	1478
10	3.0	265	1003	326	1234	185	700	255	965	355	1266
15	4.6	224	848	284	1075	110	416	190	719	272	1030
20	6.1	184	696	241	912	35	132	125	473	200	757
25	7.6	133	503	197	746	--	--	60	227	130	492
30	9.1	60	227	134	507	--	--	--	--	55	208
35	10.7	--	--	50	189	--	--	--	--	--	--
40	12.2	--	--	--	--	--	--	--	--	--	--
45	13.7	--	--	--	--	--	--	--	--	--	--
50	15.2	--	--	--	--	--	--	--	--	--	--
55	16.7	--	--	--	--	--	--	--	--	--	--
60	18.2	--	--	--	--	--	--	--	--	--	--
Shut-off Head:		33 ft.(10.1m)		38 ft.(11.6m)		22 ft.(6.7m)		29 ft.(8.8m)		35 ft.(10.7m)	

X641		X641 1PH		X651		X651 1PH		X661	
Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
460	1741	420	1590	533	2018	475	1798	--	--
410	1552	370	1401	490	1855	440	1666	600	2271
355	1344	319	1208	445	1685	395	1495	560	2119
300	1136	260	984	398	1507	345	1306	515	1949
245	927	198	750	350	1325	290	1098	475	1798
190	719	130	492	300	1136	232	878	430	1627
130	492	62	235	250	946	165	625	380	1438
60	227	--	--	198	738	95	360	330	1249
--	--	--	--	140	530	25	95	275	1041
--	--	--	--	70	265	--	--	215	814
--	--	--	--	--	--	--	--	150	568
--	--	--	--	--	--	--	--	85	303
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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