



The heart of
your water system

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4" SUBMERSIBLE PUMP SL SERIES

The "SL" series of submersible pump (**thermoplastic** head and bracket) are designed with precision to give an effective and reliable production. It is built to last several years, even in very abrasive water conditions.

FEATURES

Check valve - Internal check valve made of Polypropylene + fibers.

Discharge head - Injection molded in Polypropylene + fibers, with an 1 ¼" outlet.

Motor bracket - Injection molded in Polypropylene + fibers. It also includes a screen that prevents the obstruction of the impellers from large debris.

Shaft - Hexagonal shaft made of stainless steel (303), corrosion and wear resistant.

Couplings - Made of stainless steel, fit perfectly to any 4" standard motors which allows maximum efficiency.

Diffuser - Injection molded in Noryl.

Washer - Made of stainless steel, prevents wearing of the impellers and the diffusers.

Impeller - Injection molded in Polycarbonate.

Disc - Injection molded in Acetal.

All parts (diffuser, impeller and disc) are designed to resist wear and abrasive water.

Top bearing - Injection molded in Polypropylene plus fibers with a rubber centre for an even more precise alignment of the shaft. The rubber center considerably reduces wearing of the shaft caused by sand.

Cable guard - Made of stainless steel, corrosion resistant and protects the motor lead.

Housing - Made of stainless steel (T-304), threaded for an easy maintenance.

Fasteners - All stainless steel fasteners.

Motor -



OPTION
Extended **5 year**
warranty plan offered by
the manufacturer



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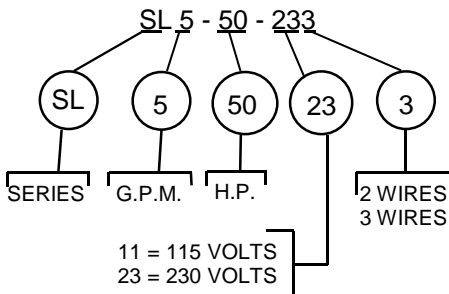
4" SUBMERSIBLE PUMPS

INCLUDED: PUMP - MOTOR - LEAD - (CONTROL BOX with 3 WIRES MOTORS)

"SL" SERIES 5 - 8 - 12 - 20 G.P.M.

H.P.	G.P.M.	Stages	Phase	Voltage	3 WIRES + GROUND			2 WIRES + GROUND		
					Part #	Model	Price	Part #	Model	Price
1/2	5	13	1	115	567-0070	SL5-50-113	876.00	567-0075	SL5-50-112	838.00
			1	230	567-0080	SL5-50-233	876.00*	567-0085	SL5-50-232	838.00*
	8	9	1	115	567-0090	SL8-50-113	837.00	567-0095	SL8-50-112	801.00
			1	230	567-0100	SL8-50-233	837.00*	567-0105	SL8-50-232	801.00*
	12	8	1	115	567-0110	SL12-50-113	769.00	567-0115	SL12-50-112	733.00
			1	230	567-0120	SL12-50-233	769.00*	567-0125	SL12-50-232	733.00*
	18	6	1	115	567-0420	SL18-50-113	723.00	567-0425	SL18-50-112	686.00
			1	230	567-0430	SL18-50-233	723.00	567-0435	SL18-50-232	686.00
20	4	1	115	567-0126	SL20-50-113	798.00	567-0127	SL20-50-112	760.00	
		1	230	567-0128	SL20-50-233	798.00	567-0129	SL20-50-232	760.00	
3/4	5	19	1	230	567-0130	SL5-75-233	1 064.00*	567-0135	SL5-75-232	1 052.00*
	8	13	1	230	567-0140	SL8-75-233	988.00*	567-0145	SL8-75-232	972.00*
	12	11	1	230	567-0150	SL12-75-233	912.00*	567-0155	SL12-75-232	902.00*
	20	9	1	230	567-0160	SL20-75-233	956.00*	567-0165	SL20-75-232	943.00*
1	8	16	1	230	567-0180	SL8-100-233	1 059.00	567-0185	SL8-100-232	1 073.00
	12	14	1	230	567-0190	SL12-100-233	996.00*	567-0195	SL12-100-232	1 009.00
	20	11	1	230	537-0200	SL20-100-233	1 020.00*	567-0205	SL20-100-232	1 032.00

EXAMPLE OF MODEL NUMBER CODE



H.P.	G.P.M.	Stages	PUMP END			ROTATING KIT	
			Part #	Model	Price	Part #	Price
1/2	5	13	566-0011	SL5-50	358.00	542-0412	192.40
	8	9	566-0061	SL8-50	299.00	542-0462	151.70
	12	8	566-0121	SL12-50	282.00	542-0522	139.20
	18	6	566-0161	SL18-50	279.00	542-0562	122.10
	20	4	566-0171	SL20-50	249.00	542-0572	89.60
3/4	5	19	566-0021	SL5-75	458.00	542-0422	267.70
	8	13	566-0071	SL8-75	358.00	542-0472	195.40
	12	11	566-0131	SL12-75	326.00	542-0532	173.50
	20	9	566-0181	SL20-75	311.00	542-0582	150.60
1	8	16	566-0081	SL8-100	406.00	542-0482	227.70
	12	14	566-0141	SL12-100	374.00	542-0542	207.90
	20	11	566-0191	SL20-100	344.00	542-0592	174.70

WARNING: These pumps may develop very high pressure. A pressure valve must be installed on the tank to avoid possible danger of the tank bursting that can cause property damage and/or personal injury or death.



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SUBMERSIBLE PUMP COMPLETE KIT SL SERIES

SL12-50-233

1/2 H.P. 3 wires + ground
12 G.P.M 230 volts
Control box included
Suggested retail price

\$1 159*

(Part # 568-0120)

SL12-75-233

3/4 H.P. 3 wires + ground
12 G.P.M 230 volts
Control box included
Suggested retail price

\$1 284*

(Part # 568-0150)



SL12-50-232

1/2 H.P. 2 wires + ground
12 G.P.M 230 volts
Suggested retail price

\$1 128*

(Part # 568-0125)

SL12-75-232

1/2 H.P. 2 wires + ground
12 G.P.M 230 volts
Suggested retail price

\$1 260*

(Part # 568-0155)

Your kit includes :

- ? 1 x SL series submersible pump
- ? 1 x Value-well 20 gallons tank (model VW-20)
- ? 1 x TA-48 torque arrestor
- ? 1 x FIC 100 B tank tee
- ? 1 x PPG-1002-4L pressure gauge
- ? 2 x B12C-1" male adapters
- ? 1 x MA125-100 male reducer adapter
- ? 1 x FA-100 female adapter
- ? 1 x PT-10 pitless adapter
- ? 1 x PS02-3050 pressure switch
- ? 1 x RV-50 / 75 psi relief valve
- ? 1 x A4C splicing kit
- ? 10 x HF16SS S/S clamps
- ? 1 x 1/4" x 3" bronze nipple
- ? 1 x 1" x 6" PVC nipple
- ? 2 x electric tapes
- ? 2 x teflon tapes

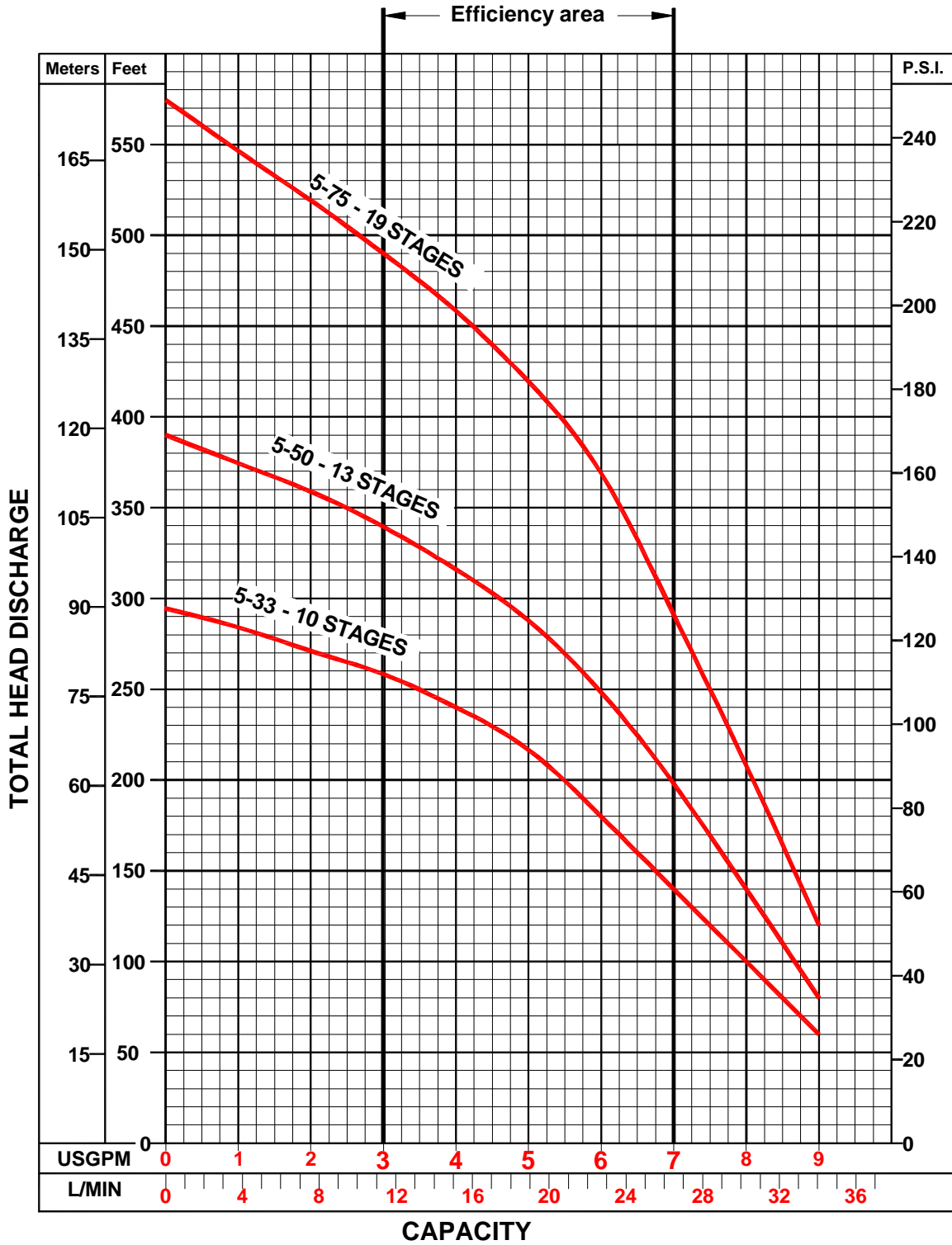




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PUMPING CURVES 5 G.P.M.





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PERFORMANCE CHART 5 G.P.M.

WATER DEPTH IN FEET
CAPACITY IN U.S. GALLONS / HOUR

Shut off
head

MODEL	MOTOR H.P.	P.S.I.	20	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	FEET	P.S.I.
5-50 13 Stages	1/2	20	550	530	515	495	475	450	425	395	360	325	280	230	170				388	168
		30	530	510	490	470	450	425	395	365	325	285	235	175						
		40	510	490	470	450	425	400	365	330	285	240	180	95						
		50	485	465	445	425	400	370	335	290	245	185	100							
		60	460	440	420	400	370	335	295	250	190	110								
5-75 19 Stages	3/4	20	575	560	550	535	525	505	490	470	450	435	415	395	370	320	260	180	564	244
		30	560	545	535	520	510	490	475	455	435	415	395	370	350	295	225	135		
		40	545	535	520	505	490	475	455	435	415	395	375	350	325	265	185			
		50	530	515	505	490	475	455	440	420	400	375	350	325	295	230	140			
		60	515	500	490	475	460	440	420	400	375	355	330	300	270	195				

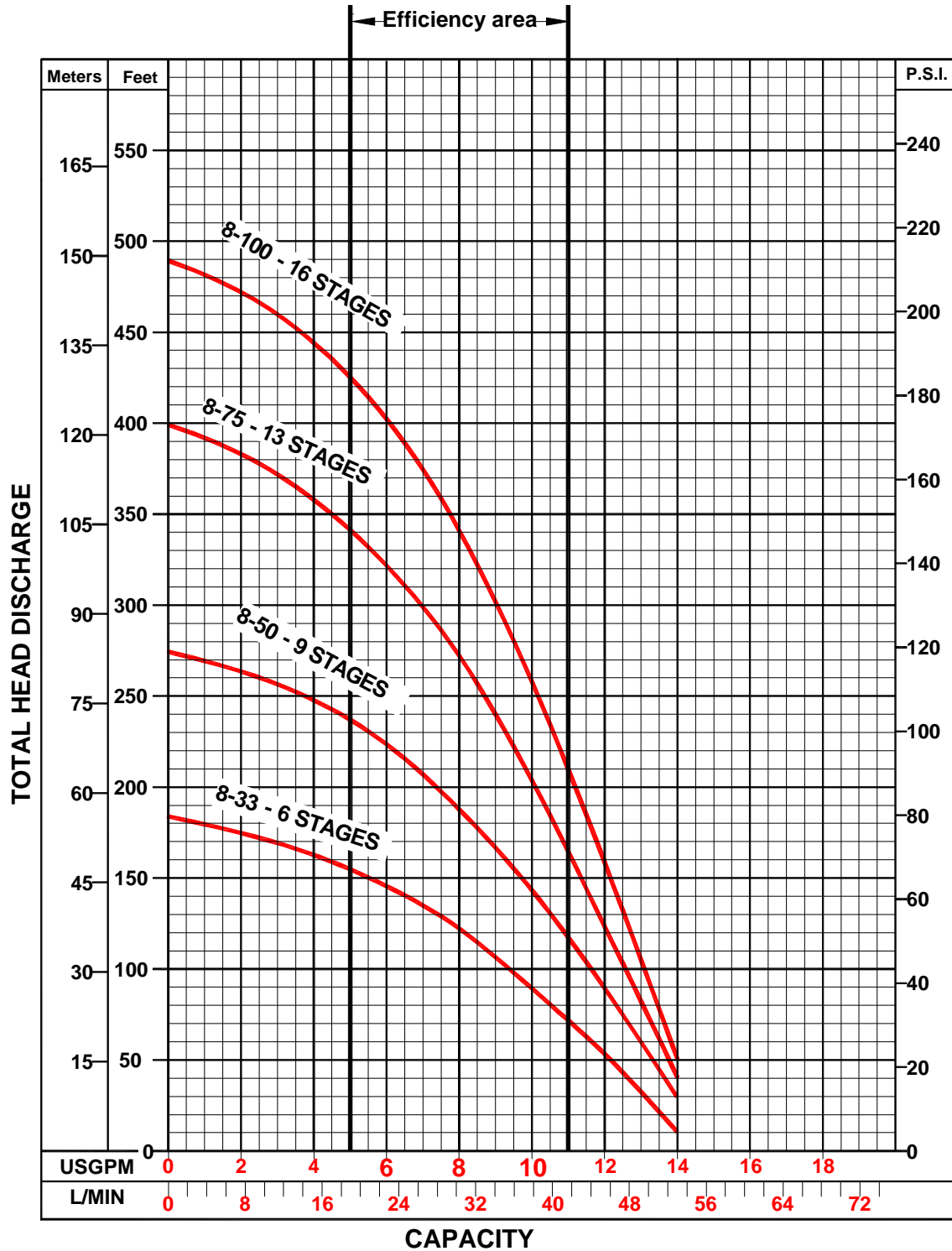
Numbers in *italic-bold* indicate the maximum efficiency zone
 To convert **feet** to **meters** multiply by 0.3048
 To convert **U.S. gallon** to **liters** multiply by 3.785



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PUMPING CURVES 8 G.P.M.





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PERFORMANCE CHART 8 G.P.M.

MODEL	MOTOR H.P.	WATER DEPTH IN FEET																Shut off head		
		P.S.I.	20	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	FEET	P.S.I.
8-50 9 Stages	1/2	20	765	725	690	645	600	515	465	385	280	100							277	120
		30	725	680	640	590	545	475	395	290	120									
		40	675	630	585	535	480	400	300	140										
		50	625	580	530	465	410	310	160											
		60	570	520	465	400	320	180												
8-75 13 Stages	3/4	20	805	780	755	725	695	660	620	575	530	485	435	375	305	60			400	173
		30	775	750	725	690	665	625	580	535	490	440	385	315	225					
		40	745	715	685	655	625	585	540	490	440	385	320	230	100					
		50	710	685	650	620	590	545	495	445	390	325	240	120						
		60	680	650	615	580	545	500	450	400	330	250	130							
8-100 16 Stages	1	20	830	810	790	765	745	715	685	655	620	590	545	505	465	370	240		492	213
		30	805	785	765	740	720	685	655	625	590	550	510	470	425	320	160			
		40	780	760	740	710	690	660	625	590	550	515	470	425	375	250				
		50	755	735	710	685	660	630	595	555	515	475	430	385	325	170				
		60	730	705	685	655	630	600	560	520	480	435	385	330	265	50				

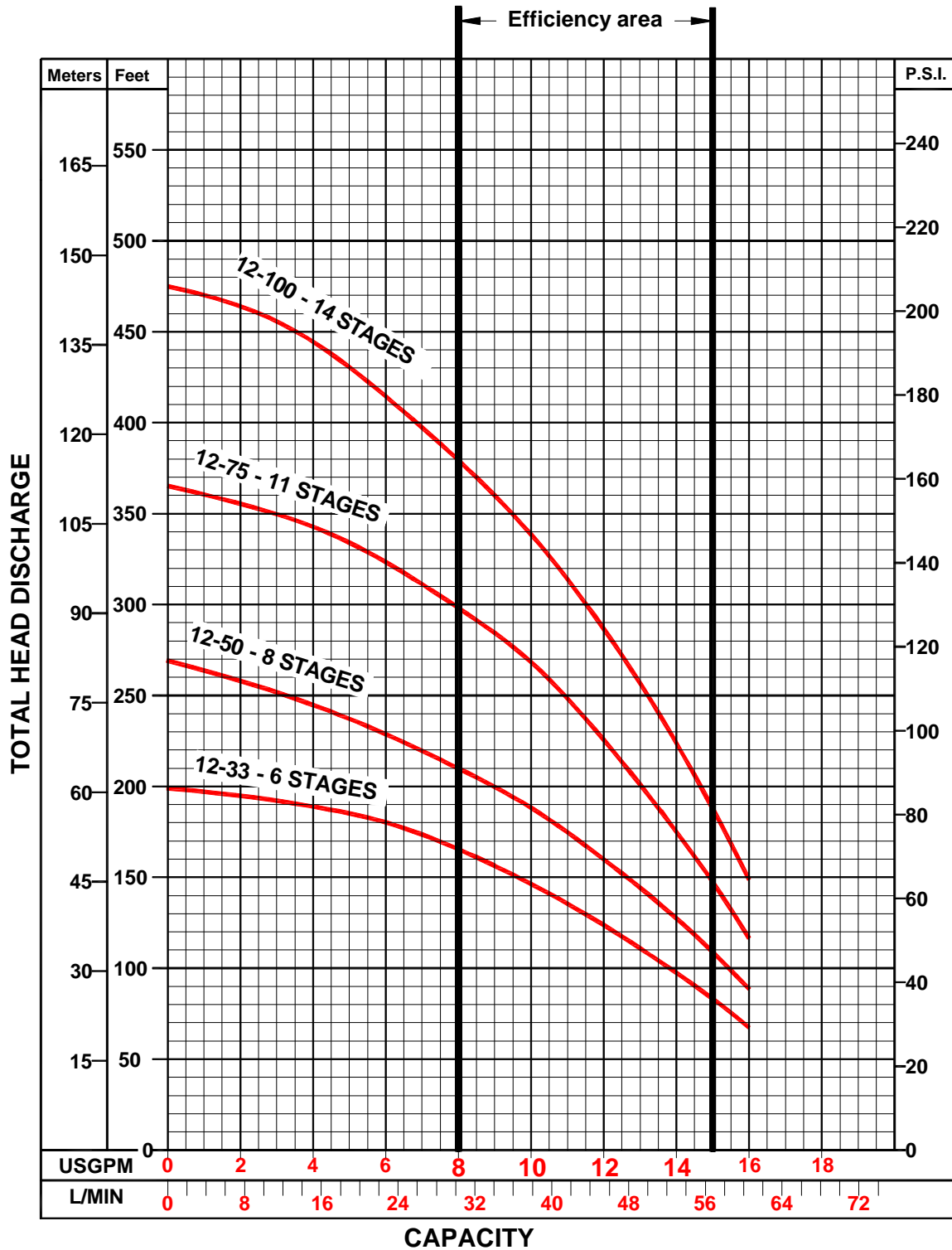
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PUMPING CURVES 12 G.P.M.





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PERFORMANCE CHART 12 G.P.M.

MODEL	MOTOR H.P.	WATER DEPTH IN FEET CAPACITY IN U.S. GALLONS / HOUR																	Shut off head	
		P.S.I.	20	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	FEET	P.S.I.
12-50 8 Stages	1/2	20	1000	960	900	840	780	690	570	430	250								265	115
		30	950	895	830	770	695	585	440	270										
		40	885	825	755	680	590	455	280											
		50	810	745	665	580	465	300												
		60	730	655	460	450	315													
12-75 11 Stages	3/4	20	1035	1005	975	940	910	860	805	740	660	575	485	375	235				365	158
		30	1000	970	940	900	865	810	745	670	585	490	390	250						
		40	965	930	895	855	815	750	670	590	500	395	265							
		50	925	890	850	810	755	680	595	505	400	275								
		60	880	845	800	750	685	605	510	410	290									
12-100 14 Stages	1	20	1060	1040	1020	995	970	935	900	860	810	760	710	650	580	430	225		467	202
		30	1035	1010	990	965	940	900	860	820	770	710	650	590	520	350				
		40	1010	985	960	935	905	865	820	770	715	660	590	520	440	245				
		50	980	960	930	900	870	825	775	720	660	600	530	450	360					
		60	955	925	895	860	830	780	725	670	600	535	460	370	260					

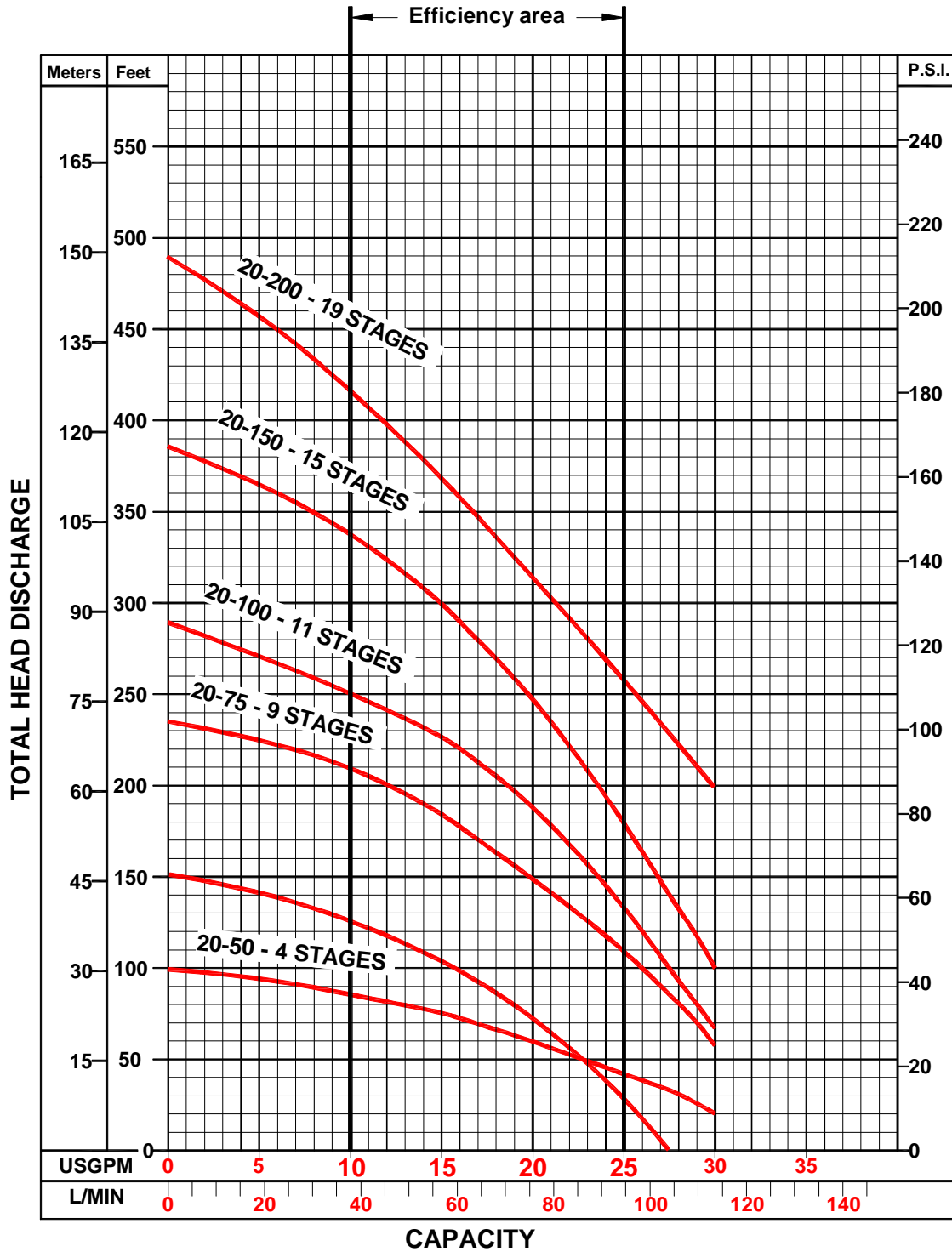
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PUMPING CURVES 20 G.P.M.





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PERFORMANCE CHART 20 G.P.M.

WATER DEPTH IN FEET
CAPACITY IN U.S. GALLONS / HOUR

Shut off
head

MODEL	MOTOR H.P.	WATER DEPTH IN FEET														FEET	P.S.I.	
		P.S.I.	20	40	60	80	100	125	150	175	200	225	250	275	300			
20-75 9 Stages	3/4	20	1720	1620	1520	1400	1280	1060	700								234	101
		30	1605	1500	1390	1260	1180	740	320									
		40	1485	1370	1220	1040	760	360										
		50	1350	1210	1010	710	380											
		60	1180	970	680	330												
20-100 11 Stages	1	20	1805	1720	1635	1540	1450	1325	1180	950	625						285	123
		30	1710	1620	1530	1435	1330	1190	970	660	300							
		40	1610	1510	1410	1315	1200	990	680	320								
		50	1500	1405	1300	1180	1010	710	350									
		60	1390	1290	1160	980	730	380										
20-150 15 Stages	1 1/2	20	1840	1790	1735	1680	1620	1535	1445	1350	1245	1110	940	715	460		386	167
		30	1780	1730	1670	1610	1545	1460	1360	1255	1120	960	740	490				
		40	1720	1660	1600	1535	1460	1370	1260	1130	970	750	510					
		50	1650	1585	1525	1450	1370	1270	1140	980	770	530	260					
		60	1580	1510	1440	1360	1280	1150	1000	790	550	280						

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4" SUBMERSIBLE PUMP DIMENSIONS & WEIGHT

Model	Stages	Ph.	Total length (A) po (cm)	Motor length (B) po (cm)	Pump end length (C) po (cm)	Shipping weight lbs (kg)	
						3 WIRES + GROUND	2 WIRES + GROUND
5-50	13	1	26.75 (67.95)	9.50 (24.13)	17.25 (43.82)	28 (13)	25 (11)
5-75	19	1	32.50 (82.55)	10.75 (27.31)	21.75 (55.25)	33 (15)	30 (14)
8-50	9	1	23.63 (60.01)	9.50 (24.13)	14.13 (35.88)	27 (12)	24 (11)
8-75	13	1	28.00 (71.12)	10.75 (27.31)	17.25 (43.82)	31 (14)	28 (13)
8-100	16	1	31.12 (79.06)	11.75 (29.85)	19.37 (49.21)	35 (16)	32 (15)
12-50	8	1	23.00 (58.42)	9.50 (24.13)	13.50 (34.29)	27 (12)	24 (11)
12-75	11	1	26.50 (67.31)	10.75 (27.31)	15.75 (40.01)	31 (14)	28 (13)
12-100	14	1	29.63 (75.25)	11.75 (29.85)	17.88 (45.40)	35 (16)	32 (14)
20-50	4	1	20.25 (51.44)	9.50 (24.13)	10.75 (27.31)	25 (11)	22 (10)
20-75	9	1	26.50 (67.31)	10.75 (27.31)	15.75 (40.01)	28 (13)	28 (13)
20-100	11	1	29.50 (74.93)	11.75 (29.85)	17.75 (45.09)	34 (16)	31 (14)

