

TECHNICAL DATA SHEET PLSH

PUMP MODEL	PLSH-75			PLSH-100			PLSH-150			PLSH-200		
HP	3/4			1			1 1/2			2		
SUCTION (in)	1 1/2			1 1/2			1 1/2			1 1/2		
DISCHARGE (in)	1 1/2			1 1/2			1 1/2			1 1/2		
PUMP LENGTH (in)	20.0			20.0			20.0			20.0		
PUMP WIDTH (in)	10.0			10.0			10.0			10.0		
PUMP HEIGHT (in)	10.5			10.5			10.5			10.5		
ODP												
PRODUCT CODE	335-0075	335-5075	335-7075	335-0100	335-5100	335-7100	335-0150	335-5150	335-7150	335-0200	335-5200	335-7200
MOTOR CODE	151-2140	151-1572	151-1570	151-2180	151-1582	151-1580	151-2265	151-1592	151-1590	151-2270	151-1602	151-1600
VOLTAGE	115 / 230	230 / 460	575	115 / 230	230 / 460	575	115 / 230	230 / 460	575	230	230 / 460	575
AMPERAGE	11,6 / 5,8	2,36 / 1,18	1	13,6 / 6,8	3,26 / 1,63	2.1	14,8 / 7,4	4,22 / 2,11	1.7	8.6	4,84 / 2,42	2.2
SERVICE FACTOR	1.65	1.5	1.25	1.65	1.15	1.4	1.5	1.15	1	1.3	1.2	1.2
PHASES	1	3	3	1	3	3	1	3	3	1	3	3
MOTOR WEIGHT (lbs)	19	17	35	23	20	19	27	28	30	28	39	25
COMPLETE PUMP WEIGHT (lbs)	64			65			69			70		
TEFC												
PRODUCT CODE	335-2075	335-6075	335-8075	335-2100	335-6100	335-8100	335-2150	335-6150	335-8150	335-2200	335-6200	335-8200
MOTOR CODE	151-1510	151-1573	151-1575	151-1520	151-1583	151-1585	151-1530	151-1593	151-1595	151-1540	151-1603	151-1605
VOLTAGE	115 / 230	230 / 460	575	115 / 230	230 / 460	575	115 / 230	230 / 460	575	230	230 / 460	575
AMPERAGE	10,0 / 5,0	2,24 / 1,12	0.8	12,8 / 6,4	3,0 / 1,5	3,4 / 1,7	16,6 / 8,3	3,74 / 1,87	1.5	9.3	4,94 / 2,47	1.98
SERVICE FACTOR	1.15	1.15	1.25	1.15	1.15	1.15	1.15	1.15	1.25	1.15	1.15	1.15
PHASES	1	3	3	1	3	3	1	3	3	1	3	3
MOTOR WEIGHT (lbs)	42	21	30	33	24	40	40	35	40	42	40	43
COMPLETE PUMP WEIGHT (lbs)	64			65			69			70		

FEATURES
Self-lubricating mechanical seal made of carbon and ceramic for increased durability
Self-priming up to 25 feet thanks to the large water volume it can hold in its body
Pump body and mechanical seal plate made of fine-grain cast iron treated with corrosion-resistant paint
3/4 to 2 HP capacitor-start motor with built-in thermal overload protection
Applications: greenhouses, lawns, gardening, and irrigation

PERFORMANCE TABLE - SHALLOW WELL							
MODEL	HP	PRESSION REFOULEMENT (PSI)	DEPTH (Feet)				
			5	10	15	20	25
			CAPACITY (GPM)				
PLSH-75	3/4	10	52	49	45	41	35
		20	46	44	40	36	30
		30	39	35	30	25	19
PLSH-100	1	10	56	52	49	45	37
		20	52	48	45	40	32
		30	45	40	37	30	22
		40	20	14			
PLSH-150	1 1/2	10	63	59	55	50	39
		20	58	55	51	46	35
		30	53	50	45	40	26
		40	32	26	13		
PLSH-200	2	10	74	70	66	59	47
		20	71	68	62	56	44
		30	64	61	56	51	39
		40	44	38	26		

PUMPING CURVE

