



# CONVERTIBLE PUMPS



**LANCASTER PUMP'S Single Stage Convertible Jet Pumps** are designed for both shallow and deep well applications, delivering up to 13 gallons per minute. Available in 1/2 and 3/4 HP.

**FEATURES:**

**Square Flange Motor**, with: stainless threaded shaft, permanently lubricated ball bearing on both ends, automatic reset thermal overload protector, two compartment design, capacitor start, 115/230 dual voltage with voltage selector switch.

**Thermoplastic Impeller and Diffuser** for increased hydraulic performance.

**Heavy Duty Cast Iron Construction** for longer life.

**Built-in Drain Plug** for easy winterizing.

**1" FNPT Discharge.**

**Pressure Switch Included.**

**Injector Required** (not included)



**CONVERTIBLE—DEEP WELL LIFTS TO 90'**

MODEL NO.	INJ. NO.	LIFT IN FEET	MIN. CONTROL VALVE PSI	DISCHARGE PSI					MAX PSI
				20	30	40	50	60	
				CAPACITY GPH					
SKC50 1/2 HP	14640	30	23	315	255	195	150	90	72
		40	25	270	210	165	120	60	66
		50	28	210	165	120	75		61
		60	30	165	135	90	45		56
		70	30	120	90	75	15		52
80	30	90	75	30			46		
SKC75 3/4 HP	14640	30	23	405	345	285	210	150	83
		40	25	330	285	225	165	105	76
		50	28	270	225	180	135	75	71
		60	30	240	195	150	105	60	67
		70	30	195	150	105	75		60
80	30	135	105	90	45		55		
90	32	120	90	75	15		52		
14620	14620	30	23	555	450	330	225	105	66
		40	25	435	345	255	150		60
		50	28	315	255	165	90		56

Above chart based on tests conducted with injectors 5 feet below water level. Minimum control valve setting required to maintain prime.

**CONVERTIBLE—SHALLOW WELL LIFTS TO 25'**

MODEL NO.	INJ. NO.	LIFT IN FEET	DISCHARGE PSI							MAX PSI
			20	30	40	50	60	70	80	
			CAPACITY GPH							
SKC50 1/2 HP	14620	0	810	795	660	450	270	90		76
		5	720	705	585	375	195	30		72
		10	645	630	540	330	150			70
		15	555	555	495	300	120			68
		20	450	450	450	285	90			65
	25	285	285	285	225	30			62	
	14640	0	450	435	420	345	255	180	105	96
		5	375	375	375	315	240	150	90	92
		10	330	330	330	285	225	135	60	89
		15	285	285	285	255	210	120	45	86
20		240	240	225	225	195	105	30	84	
25	150	150	150	150	150	75		81		
SKC75 3/4 HP	14620	0	810	795	780	705	495	300	135	88
		5	720	705	690	630	420	240	60	85
		10	645	645	630	585	390	210	30	83
		15	555	555	555	540	360	195		80
		20	450	450	450	450	330	150		78
	25	285	285	285	270	255	75		74	
	14640	0	450	435	435	420	345	270	195	105
		5	390	375	375	360	315	255	180	103
		10	330	330	330	315	300	255	150	100
		15	285	285	285	270	255	225	135	96
20		240	240	225	225	210	195	120	93	
25	150	150	150	150	150	90		90		

Pipe Connections: Suction 1", Discharge 1"