

TECHNICAL DATA SHEET PJC

PUMP MODEL	PJC-50	PJC-75	PJC-100
PRODUCT CODE	325-0050	325-0075	325-0100
SUCTION (in)	1 1/4	1 1/4	1 1/4
DISCHARGE (in)	1	1	1
MOTOR CODE	151-2220	151-2240	151-2250
HP	1/2	3/4	1
VOLTAGE	115/230	115/230	115/230
AMPERAGE	8,4 / 4,2	11,6 / 5,8	13,6 / 6,8
SF	1.9	1.65	1.65
PHASES	1	1	1
MOTOR TYPE	ODP	ODP	ODP
PUMP LENGTH (in)	15.0	15.0	15.0
PUMP WIDTH (in)	9.5	9.5	9.5
PUMP HEIGHT (in)	8.3	8.3	8.3
MOTOR WEIGHT (lbs)	19	19	23
COMPLETE PUMP WEIGHT (lbs)	42	42	44

FEATURES

High-performance Noryl impeller
Self-lubricating mechanical seal made of carbon and ceramic for increased durability
0-100 PSI pressure gauge
Pump body and mechanical seal plate made of fine-grain cast iron treated with corrosion-resistant paint
Stainless steel plugs and fittings for the pressure line connection
Stainless steel shaft for electric motors
Molded polycarbonate diffuser
Convertible pump
Highly versatile pump
Injector included for shallow and deep wells

PERFORMANCE TABLE - SHALLOW WELL								
MODEL	HP	VENTURI AND NOZZLE	DISCHARGE PRESSURE (PSI)	DEPTH (Feet)				
				5	10	15	20	25
				CAPACITY (US GALLONS / HOUR)				
PJC-50	1/2	296	20	910	810	690	565	410
			30	900	800	685	560	405
			40	710	625	605	500	345
			50	460	400	330	210	115
PJC-75	3/4	326	20	1050	945	830	690	520
			30	1040	935	825	685	515
			40	830	790	740	620	465
			50	520	480	400	360	180
PJC-100	1	346	20	1150	1035	900	750	560
			30	1140	1025	895	740	555
			40	1130	1020	890	735	550
			50	815	735	610	475	245
			60	410	370	310	240	120

PERFORMANCE TABLE - DEEP WELL										
MODEL	HP	VENTURI AND NOZZLE	PRESSION REFOULEMENT (PSI)	DEPTH (Feet)						
				30	40	50	60	70	80	90
				CAPACITY (US GALLONS / HOUR)						
PJC-50	1/2	245	20 / 40	580	510	450				
		235	20 / 40		380	320	270	220		
PJC-75	3/4	234	20 / 40	640	580	510	450			
		226	20 / 40		430	360	320	290	260	
PJC-100	1	234	20 / 40	760	710	630	510	390		
		226	20 / 40		470	440	420	380	260	220