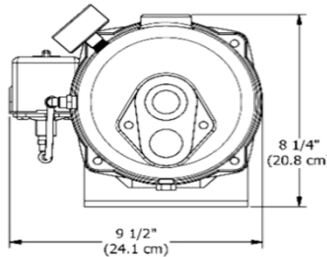
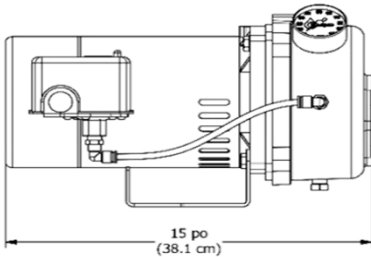


# Convertible PJC



Shallow well ejector included  
+ deep well Venturi



The PJC injection centrifugal pump with convertible ejector is built for either shallow or deep well applications. It is ideal for a summer cottage or a country house.

The diffuser (Polycarbonate) and the impeller (Noryl) precisely molded, assure optimum efficiency. The self-lubricated mechanical seal is made of carbon and ceramic for a longer life span.

The pump housing and the seal plate are made of grey close-grained cast iron. These parts are specially treated with adapted paint to give a higher resistance to corrosion.

### CHARACTERISTICS

- Single-phase motor, **square flange**, 3450 RPM, 60 hz, 115/230 Volts, automatic thermal protection and stainless steel shaft
- Rubber seal gasket
- Pressure switch set at 30 to 50 lb/in<sup>2</sup>
- 0 - 100 PSI pressure gauge
- Shallow well ejector included
- Deep well venturi included
- Convertible ejector for deep well application

All pumps are tested at our factory

Part number	Model	Motor H.P. (kW)	Suction Inch (mm)	Discharge inch (mm)	Shipping weight lb (kg)
<b>325-0050</b>	PJC-50	1/2 (.37)	1 ¼" (31.8)	1" (25.4)	42 (19)
<b>325-0075</b>	PJC-75	3/4 (.55)	1 ¼" (31.8)	1" (25.4)	42 (19)
<b>325-0100</b>	PJC-100	1.0 (.75)	1 ¼" (31.8)	1" (25.4)	44 (20)
<b>Pump &amp; Tank kit - Not Assembled</b>					
<b>326-3015</b>	PJC-50	Accessories included		Tank: ZHP200BH 13 gal.	
<b>326-3020</b>	PJC-75	Accessories included		Tank: ZHP200BH 13 gal.	

### SHALLOW WELL EJECTOR KITS

(included: ejector body, venturi tube, nozzle, ejector, gasket, bolts and washers)

Part number	Model	H.P.	Diameter	
			Venturi	Nozzle
<b>325-0250</b>	PJC-7-50S	1/2	29/64	16/64
<b>325-0275</b>	PJC-7-75S	3/4	32/64	16/64
<b>325-0300</b>	PJC-7-100S	1	34/64	16/64



### PERFORMANCE CHART - SHALLOW WELL APPLICATION

Model	Motor H.P. (kw)	Venturi & Nozzle	Discharge Pressure P.S.I. (kPa)	DEPTH OF WATER IN FEET (METERS)					Shut-Off PSI (kPa)
				5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	25 (7.62)	
				CAPACITY - U.S. GALLONS/HOUR (LITERS/HOUR)					
PJC-50	1/2 (.37)	296	20 (1.41)	910 (3445)	810 (3066)	690 (2612)	565 (2139)	410 (1552)	62 (427)
			30 (2.11)	900 (3407)	800 (3028)	685 (2593)	560 (2120)	405 (1533)	
			40 (2.81)	710 (2688)	625 (2366)	605 (2290)	500 (1892)	345 (1306)	
			50 (3.52)	460 (1741)	400 (1514)	330 (1249)	210 (795)	115 (435)	
PJC-75	3/4 (.55)	326	20 (1.41)	1050 (3975)	945 (3577)	830 (3142)	690 (2612)	520 (1968)	61(420)
			30 (2.11)	1040 (3937)	935 (3539)	825 (3123)	685 (2593)	515 (1949)	
			40 (2.81)	830 (3142)	790 (2990)	740 (2801)	620 (2347)	465 (1760)	
			50 (3.52)	520 (1968)	480 (1817)	400 (1514)	360 (1363)	180 (681)	
PJC-100	1 (.75)	346	20 (1.41)	1150 (4353)	1035 (3918)	900 (3407)	750 (2839)	560 (2120)	67 (462)
			30 (2.11)	1140 (4315)	1025 (3880)	895 (3388)	740 (2801)	555 (2101)	
			40 (2.81)	1130 (4278)	1020 (3861)	890 (3369)	735 (2782)	550 (2082)	
			50 (3.52)	815 (3085)	735 (2782)	610 (2309)	475 (1798)	245 (927)	
			60 (4.22)	410 (1552)	370 (1401)	310 (1173)	240 (908)	120 (454)	

### PERFORMANCE CHART - DEEP WELL APPLICATION

Model	Motor H.P. (kW)	Venturi & Nozzle	Discharge Pressure P.S.I. (kPa)	DEPTH OF WATER IN FEET (METERS)								
				30 (9.14)	40 (12.2)	50 (15.2)	60 (18.3)	70 (21.3)	80 (24.4)	90 (27.4)	100 (30.5)	
				CAPACITY - U.S. GALLONS/HOUR (LITERS/HOUR)								
PJC-50	1/2 (.37)	245	20 / 40	580 (2192)	510 (1928)	450 (1701)						
		235	20 / 40		380 (1436)	320 (1210)	270 (1021)	220 (832)				
PJC-75	3/4 (.55)	234	20 / 40	640 (2419)	580 (2192)	510 (1928)	450 (1701)					
		226	20 / 40		430 (1625)	360 (1360)	320 (1210)	290 (1096)	260 (983)			
PJC-100	1 (.75)	234	20 / 40	760 (2873)	710 (2684)	630 (2381)	510 (1928)	390 (1474)				
		226	20 / 40		470 (1777)	440 (1663)	420 (1588)	380 (1436)	260 (983)	220 (832)	150 (567)	

### DEEP WELL EJECTOR KITS (included: ejector body, venturi tube and nozzle)

Part number	Model	Diameter	
		Venturi	Nozzle
513-0200	AJ37 FP 235	23/64	15/64
513-0210	AJ37 FP 226	22/64	16/64
513-0230	AJ37 FP 245	24/64	15/64
513-0250	AJ37 FP 234	23/64	14/64



### 2" SINGLE PIPE JET PACKAGE

Part number	Model	Diameter		Setting range
		Venturi	Nozzle	
513-0310	SP235	23/64	15/64	30-70'
513-0320	SP226	22/64	16/64	40-80'
513-0330	SP225	24/64	15/64	50-100'

### 2" CASING ADAPTER

Part number	Model
513-0300	2" Casing adaptor

