

GENERAL PURPOSE ENGINE COOLING

1" PORTS, UP TO 35 GPM, BALL BEARING DESIGN

The 777 series pedestal pump has been a workhorse in the marine industry for 50 years! It is available in horizontal ports (777 series is 3 9/16" high x 4 3/4" wide x 6 5/16" long) and vertical ports (5330 series is 4 9/16" long x 4 3/4" wide x 7" long) with a choice of two cam sizes to deliver varied flows. They come standard with 1" ports, mechanical seal and 5/8" stainless steel shaft. Standard replacement impeller: JA 920-0001. See page 112 for 777 series and page 146 for 5330 series service parts.

Discharge Head in Feet	Gallons Per Minute at RPM with Full Cam						Gallons Per Minute at RPM with Half Cam					
	500	1160	1750	2100	2750*	3000*	500	1160	1750	2100	2750*	3000*
10	6.0	14.7	23.3	27.9	33.8	35.0	4.0	8.7	13.6	16.7	22.3	24.0
20	5.6	13.8	22.0	26.8	32.9	34.3	3.4	8.0	12.8	15.8	21.2	23.2
40	4.6	11.5	19.3	23.9	30.5	32.5	2.0	5.8	10.4	13.5	18.5	22.0
60	-	7.8	15.5	19.2	23.1	29.3	-	-	7.0	10.0	14.5	16.0
80	-	-	10.0	13.2	19.9	23.5	-	-	-	-	-	-



1 1/4" PORTS, UP TO 74 GPM, BALL BEARING DESIGN

The 6400 series pedestal pump has double race ball bearing and a mechanical seal. It is available in horizontal ports (6400 series is 4 7/8" high x 5 7/8" wide x 8 1/16" long) and vertical ports (7420 series is 5 5/16" high x 5 1/2" wide x 8 1/32" long) with a choice of two cam sizes to deliver varied flows. They come standard with 1 1/4" ports and 1" stainless steel shaft (a shorter shaft for tight mounting is available upon request). Standard replacement impeller: JA 17935-0001. See page 112 for service parts.

Discharge Head in Feet	Gallons Per Minute at RPM with Full Cam						Gallons Per Minute at RPM with Half Cam					
	500	1160	1450	1750	2100	2450*	500	1160	1450	1750	2100	2450*
10	18	41	51	62	72	74	11	26	31	37	46	56
20	17	40	50	60	70	72	9.5	24	29	35	44	52
40	14	37	46	55	66	71	5.5	19	23	29	38	45
60	-	32	42	50	60	67	-	12	15	21	31	37
80	-	-	35	44	52	60	-	-	-	-	-	-



2" PORTS, UP TO 108 GPM, BALL BEARING DESIGN

The 18370-0000 is a 2" pedestal pump that will deliver up to the incredible flow of 108 gpm! It requires a mounting envelope of 5 1/2" high x 8" wide x 10 7/8" long and will operate in any position. The 18370 incorporates a unique spaced double ball bearing design to handle more than the required belt load on its 1" diameter shaft. Standard replacement impeller: JA 17936-0001. See page 150 for service parts.

Discharge Head in Feet	Gallons Per Minute at RPM						
	500	870	1160	1450	1750	2100*	2450*
10	23	40	54	70	83	95	108
20	22	37	50	66	79	91	104
40	17	30	43	58	71	82	93
60	-	22	34	48	61	70	81
70	-	-	-	41	55	62	73



1/4" - 1" PORTS, UP TO 25 GPM, BRONZE BEARING DESIGN

This is the original Jabsco series of flexible impeller pumps. Their straight forward bronze bearing design makes them easy to service. They prefer to be directly driven by a coupling but can be driven by a pulley on intermittent applications. All models utilize a packing gland which will require a slow drip for cooling. See page 150 for service parts.

Model Number	Port Size	GPM at RPM at 10 TDH			GPM at RPM at 20 TDH		
		500	1160	1750	500	1160	1750
JA 4530-0003	1/4" FPT	1.2	2.6	3.9	1.1	2.4	3.6
JA 4560-0003	1/2" FPT	3.0	7.6	11.0	2.8	6.4	10.0
JA 4590-0003	3/4" FPT	7.0	16.5	25.0	6.5	16.0	24.5



* Only intermittent operation recommended at these speeds.