


FLINT & WALLING
Zoeller Family of Water Solutions™

Horizontal Jet Pumps

1/3 - 1-1/2 HP

The CPJ, CPH and EK models feature the famous Flint and Walling "Service Plus" motor, available in either NEMA J or Uni-frame flange construction. The F & W 56 frame, double ball bearing motor offers the ultimate in performance and dependability.

Designed for years of trouble-free operation and simple, on-site servicing, the CPJ and CPH feature unique interchangeability of replacement parts to keep inventories at a minimum.

The FJ Pump is designed for shallow wells with suction lifts from 0 - 25 ft. Featuring cast iron construction, the pump incorporates an integral shallow well ejector for ready use installation. The TEFC, permanent split capacitor motor is dual voltage (115/230V) with easy change voltage switch. This pump is quick to prime and features a NEMA Class C cover to protect the capacitor from moisture. The proven hydraulic pump design meets essential household water pressure demands.

CPJ ,CPH, EK AND FJ SERIES

Whether operating as a shallow well or deep well pump, count on F & W's versatile, powerful jet pumps to deliver more water at full city pressures.

These pumps provide higher single stage capacities and pressures; depths to 150 feet, capacities to 1800 GPH and as much as 90 pound pressure.



**CPJ
CONVERTIBLE**



**CPJS
CONVERTIBLE**



**CPH
CONVERTIBLE**



EK SHALLOW WELL



FJ SHALLOW WELL

CPJ and CPH Deep Well Capacities



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DW40E* CAST IRON TWO PIPE CONV. EJECTOR

CPJ AND CPH MODEL DEEP WELL CAPACITIES WITH TWO-PIPE CONVERTIBLE EJECTOR

Model No.	HP	Ejector Assembly	Min. Oper. Press.	Disch. Press. PSI	Vertical Distance to Water in Feet														Press. Switch Setting	Pump Ship Wt.			
					20	30	40	50	60	70	80	90	100	110	120	130	140						
CPJ05B CPH05	1/2	DW40E-1730	25	30 50 Shut Off	12.5 5.5 67	10.8 3.7 63	8.7 2.0 57												30-50	46 38			
		DW40E-1828	25-28	30 50 Shut Off	11.2 6.7 75	10.8 5.5 69	8.8 3.8 64	7.2 2.3 59	5.0 0.8 54										30-50				
		DW40E-1622	30	30 50 Shut Off			6.7 4.3 91	6.0 3.8 86	5.3 3.3 80	4.3 2.5 74	3.3 1.7 68	2.5 0.8 60									30-50		
CPJ07B CPH07	3/4	DW40E-1630	35-37	30 50 Shut Off	16.7 12.5 75	14.2 8.3 70	12.2 5.0 65	8.3 2.5 59												30-50	56		
		DW40E-1726	37-39	30 50 Shut Off	11.7 9.2 98	11.7 9.2 91	11.5 8.2 86	10.3 7.0 80	9.0 5.7 74	7.7 4.3 69	6.2 3.2 65	4.8 1.7 58								30-50			
		DW40E-1520	39	30 50 Shut Off							5.0 3.7 105	4.8 3.3 95	4.3 3.0 90	3.7 2.7 85	3.2 2.0 80	2.7 1.8 75						30-50	
CPJ10B CPH10	1	DW40E-1634	46	30 50 Shut Off	19.2 10.0 71	15.0 7.5 66	11.7 5.0 62	8.3 2.5 57													30-50	58 49	
		DW40E-1828	46-47	30 50 Shut Off	13.0 12.0 110	13.0 12.0 105	12.8 10.8 99	12.5 9.5 93	10.5 7.8 87	9.0 6.2 81	7.5 5.0 76	5.8 3.5 70	4.0 2.0 64								30-50		
		DW40E-1520	46-47	30 50 Shut Off							5.5 5.2 130	5.5 4.7 123	5.0 4.2 117	4.5 3.7 110	3.8 3.2 104	3.5 2.7 98	2.7 2.2 92						30-50
CPJ15	1-1/2	DW40E-1736	46-52	30 50 Shut Off	21.7 15.0 80	17.5 11.7 76	13.3 8.3 71	10.0 5.0 65	6.7 2.7 60												30-50	66	
		DW40E-1728	50-53	30 50 Shut Off			12.8 11.7 105	12.5 11.3 98	10.7 9.7 92	9.0 7.8 87	7.7 6.7 82	6.2 5.0 77	5.0 3.3 72	3.5 2.5 65									30-50
		DW40E-1520	52-54	30 50 Shut Off							5.3 5.2 135	5.3 5.0 128	5.0 4.7 123	4.5 4.2 118	4.3 3.8 112	3.8 3.3 105	3.3 2.8 100						30-50

Maximum Pump Case Pressure = 150 PSI
* Suction & pressure pipe tapping 1-1/4" x 1"

CPJ AND CPH MODEL DEEP WELL CAPACITIES WITH 2" SINGLE PIPE EJECTOR



TWO INCH SINGLE PIPE EJECTOR

Model No.	HP	Ejector Assembly	Min. Oper. Press.	Disch. Press. PSI	Vertical Distance to Water in Feet															Press. Switch Setting	Pump Ship Wt.		
					20	30	40	50	60	70	80	90	100	110	120	130	140	150					
CPJ05B CPH05	1/2	SP20BL-1730†	27	30 50 Shut Off	10.8 5.0 65	9.2 3.3 60	7.5 1.7 55														30-50	46 38	
		SP20BL-1828†	27-30	30 50 Shut Off	11.7 6.7 76	9.7 4.7 68	7.5 2.8 60	5.8 1.2 55	3.8												30-50		
		SP20BL-1622†	31	30 50 Shut Off			6.2 4.2 90	5.8 3.7 83	5.0 2.8 76	4.0 2.2 70	3.3 1.3 61	2.3 0.3 55											30-50
CPJ07B CPH07	3/4	SP20BL-1630†	39	30 50 Shut Off	16.2 11.7 75	13.7 7.5 70	10.8 5.0 65	7.5 1.7 55														30-50	56
		SP20BL-1726†	39	30 50 Shut Off	11.0 8.3 91	11.0 7.5 87	9.7 6.7 82	9.5 5.3 78	7.2 4.2 72	5.8 2.8 66	3.3 1.8 62										30-50		
		SP20BL-1520†	40	30 50 Shut Off					5.3 4.2 108	5.0 3.8 100	4.5 3.3 92	3.8 2.7 84	3.3 2.2 77	2.8 1.7 70								30-50	
CPJ10B CPH10	1	SP20BL-1634†	44-47	30 50 Shut Off	16.7 10.0 71	15.0 7.5 66	11.7 4.7 61	8.3 2.0 55														30-50	49
		SP20BL-1828†	44-47	30 50 Shut Off	11.7 11.0 104	11.7 9.8 98	11.2 8.8 92	10.0 7.3 86	8.3 6.0 80	7.0 4.5 72	5.5 3.3 67	3.8 1.8 61	2.2 0.5 55								30-50		
		SP20BL-1520†	45-47	30 50 Shut Off					5.3 5.0 119	5.3 4.5 113	5.0 4.0 106	4.3 3.5 100	3.7 2.8 94	3.2 2.5 89	2.5 2.0 83	2.0 1.3 78					30-50		
CPJ15	1-1/2	SP20BL-1736†	46-52	30 50 Shut Off	20.0 13.3 80	15.8 10.0 75	12.5 7.5 70	9.7 5.0 65	6.7 2.7 60													30-50	66
		SP20BL-1728†	51-53	30 50 Shut Off			11.7 10.0 102	11.7 9.0 96	10.0 7.5 90	8.0 5.8 84	6.3 4.3 78	4.8 3.0 71	3.5 1.8 65								30-50		
		SP20BL-1520†	52-55	30 50 Shut Off					5.3 5.3 130	5.3 5.0 125	5.3 4.5 120	4.8 4.2 115	4.2 3.7 110	3.7 3.2 103	3.2 2.7 95	2.7 2.2 88					30-50		

Maximum Pump Case Pressure = 150 PSI †Not for sale in states following Proposition 65 or AB 1953