

Jockey Pump



-Jockey Pumps are small, motor-driven units used alongside main fire pumps to offset minor leaks and maintain standby pressure automatically, reducing wear on the main pump and controller.

-Controllers for Jockey Pumps are available for across-the-line starting.

-In a fire pump system, occasional water leakage at flanged or threaded connections, valve stems, or stuffing boxes can gradually lower system pressure, requiring the main fire pump to start.

-To prevent unnecessary wear, a Jockey Pump with a small motor, pump, and controller/pressure switch is installed in the piping system.

-When water pressure falls below the pre-set level, the pressure switch activates a starter that turns on the Jockey Pump, ensuring the water pressure is consistently maintained.

-An optional minimum run timer can prevent the Jockey Pump from starting too frequently by ensuring it runs for at least 2 minutes.

-If a fire occurs, the pressure will continue to drop, triggering the main Fire Pump to start. Automatic controllers also feature a "Hand-off Automatic" selector switch for manual operation.

Jockey Pumps Summary Table for Horizontal Split Case Fire Pumps

Rated Capacity in GPM / (LPM)	Pressure in PSI(Bar)	Electric & Diesel Engine Pump	Rated Pressure in Bar	Jockey Flow in USgpm	Jockey Pump Model	Jockey Pump HP	RPM
400(1514)	245-336 (16.89-23.16)	FWHC 125-100-400	17	20	JCR 10-18	10HP	2900
			18	20	JCR 10-18	10HP	2900
			19	20	JCR 10-20	10HP	2900
			20	20	JCR 10-20	10HP	2900
			21	20	JCR 10-22	10HP	2900
			22	20	JCR 10-22	10HP	2900
			23	22.5	JCR 15-17	20HP	2900
450 (1703)	71-131	FWHC 125-100-250	5	22.5	JCR 4-8	2HP	2900
			6	22.5	JCR 4-10	3HP	2900
			7	22.5	JCR 4-10	3HP	2900
			8	22.5	JCR 4-12	3HP	2900
			9	22.5	JCR 4-14	4HP	2900
450 (1703)	244-335 (16.8223.09)	FWHC 125-100-400	17	22.5	JCR 10-18	10HP	2900
			18	22.5	JCR 10-20	10HP	2900
			19	22.5	JCR 10-20	10HP	2900
			20	22.5	JCR 10-22	10HP	2900
			21	22.5	JCR 10-22	10HP	2900
			22	22	JCR 10-22	10HP	2900
500 (1892)	71-131 (4.89-9)	FWHC 125-100-250	5	25	JCR 4-8	2HP	2900
			6	25	JCR 4-10	3HP	2900
			7	25	JCR 4-12	3HP	2900
			8	25	JCR 4-14	4HP	2900
			9	25	JCR 4-14	4HP	2900
500 (1892)	131-214 (9-14.75)	FWHC 150-125-315	9	25	JCR 4-14	4HP	2900
			10	22.3	JCR 10-10	5.5HP	2900
			11	25	JCR 10-12	5.5HP	2900
			12	25	JCR 10-14	7.5HP	2900
			13	25	JCR 10-14	7.5HP	2900
			14	22.3	JCR 10-1	7.5HP	2900
			14.75	25	JCR 10-16	7.5HP	2900
500 (1892)	243-334 (16.7523.02)	FWHC 125-100-400	17	25	JCR10-18	10HP	2900
			18	25	JCR 10-20	10HP	2900
			19	25	JCR 10-20	10HP	2900
			20	25	JCR 10-22	10HP	2900
			21	25	JCR 10-22	10HP	2900
			22	25	JCR15-17	20HP	2900



Jockey Pumps Summary Table for Horizontal Split Case Fire Pumps

Rated Capacity in GPM / (LPM)	Pressure in PSI(Bar)	Electric & Diesel Engine Pump	Rated Pressure in Bar	Jockey Flow in USgpm	Jockey Pump Model	Jockey Pump HP	RPM
750(2838)	65-130 (4.4-8.96)	FWHC 125-100-250	5	37.5	JCR 10-6	3HP	2900
			6	37.5	JCR 10-7	4HP	2900
			7	37.5	JCR 10-8	4HP	2900
			8	37.5	JCR 10-10	5.5HP	2900
			8.96	37.5	JCR10-12	5.5HP	2900
750(2838)	129-213 (8.8-14.68)	FWHC 150-125-315	9	37.5	JCR 10-12	5.5HP	2900
			10	37.5	JCR 10-12	5.5HP	2900
			11	37.5	JCR 10-14	7.5HP	2900
			12	37.5	JCR10-14	7.5HP	2900
			13	37.5	JCR 10-16	7.5HP	2900
			14	37.5	JCR 10-16	7.5HP	2900
			14.68	37.5	JCR 10-18	10 HP	2900
750(2838)	236-323 (16.2722.27)	FWHC 125-100-400	16.5	37.5	JCR 10-20	10HP	2900
			17	37.5	JCR 10-20	10HP	2900
			18	37.5	JCR 10-22	10HP	2900
			19	37.5	JCR 10-22	10HP	2900
			20	37.5	JCR 15-17	20HP	2900
1000(3785)	80-142 (5.51- 9.7)	FWHC 200-150-250	6	50	JCR 15-5	5.5 HP	2900
			7	50	JCR 15-6	7.5 HP	2900
			8	50	JCR 15-7	7.5 HP	2900
1250(4732)	78-140 (5.3- 9.6)	FWHC 200-150-250	5.5	60	JCR 15-5	5.5 HP	2900
			6	60	JCR 15-5	5.5 HP	2900
			7	60	JCR 15-6	7.5 HP	2900
			8	60	JCR15-7	7.5 HP	2900
1250(4732)	121-205 (8.34-14.13)	FWHC 150-125-315	9	60	JCR 15-8	10 HP	2900
			10	60	JCR 15-9	10 HP	2900
			11	60	JCR 15-9	10 HP	2900
			12	60	JCR 15-10	15 HP	2900
			13	60	JCR 15-12	15 HP	2900

Jockey Pumps Summary Table for Horizontal Split Case Fire Pumps

Rated Capacity in GPM / (LPM)	Pressure in PSI(Bar)	Electric & Diesel Engine Pump	Rated Pressure in Bar	Jockey Flow in USgpm	Jockey Pump Model	Jockey Pump HP	RPM
1500(5678)	75-139 (8.34-14.13)	FWHC 200-150-250	5.5	75	JCR 15-5	5.5 HP	2900
			6	75	JCR 15-6	7.5 HP	2900
			7	75	JCR 15-7	7.5 HP	2900
			8	75	JCR 15-8	10 HP	2900
			9	75	JCR 15-9	10 HP	2900
1500(5678)	113-210 (7.8-14.48)	FWHC 250-200-315 Motor Driven	10	75	JCR15-10	15HP	2900
			11	75	JCR15-10	15HP	2900
			12	75	JCR15-12	15HP	2900
			13	75	JCR15-12	15HP	2900
	135-203 (7.7913.99)	FWHC 250-200-400 (2350 RPM) Engine Driven	13.99	75	JCR15-14	15HP	2900
1500(5678)	184-245 (12.6816.89)	FWHC 250-200-650	15	75	JCR15-14	15HP	2900
			16	75	JCR15-17	20HP	2900
1250(4732)	80-133 (5.5-9.17)	FWHC 250-200-250 Motor driven	6	100	JCR20-06	10HP	2900
			7	100	JCR20-07	10HP	2900
	131-202 (4.969.17)	FWHC 250-200-315 (2350 RPM)	8	100	JCR20-08	15HP	2900
			9	100	JCR20-10	15HP	2900
2000(7571)	109-209 (7.5 - 14.41)	FWHC 250-200-315 Motor Driven	10	100	JCR20-10	15HP	2900
			11	100	JCR20-12	20HP	2900
	131-202 (9.0 - 13.92)	FWHC 250-200-400 (2350 RPM) Engine Driven	12	100	JCR20-12	20HP	2900
			13	100	JCR20-12	20HP	2900
2000(7571)	180-242 (12.4116.68)	FWHC 250-200-650 (Motor Driven) (1470 RPM)	13.9	100	JCR20-14	20HP	2900
	131-202 (9.0 - 13.92)	FWHC 250-200-400 (Engine Driven) (2350 RPM)					
2000(7571)	180-242 (12.41 16.68)	FWHC 250-200-650 (1470 RPM)	15	100	JCR20-14	20HP	2900
2500(5678)	93-152 (6.41-10.48)	FWHC 300-250-500 (1470 RPM)	6.5	125	JCR32-05-2	15HP	2900
			7	125	JCR32-05-2	15HP	2900
			8	125	JCR32-06-2	15HP	2900

Jockey Pumps Summary Table for Horizontal Split Case Fire Pumps

Rated Capacity in GPM / (LPM)	Pressure in PSI(Bar)	Electric & Diesel Engine Pump	Rated Pressure in Bar	Jockey Flow in USgpm	Jockey Pump Model	Jockey Pump HP	RPM
2500(5678)	93-152 (6.41-10.48)	FWHC 300-250-500 (Motor Driven) (1470 RPM)	9	125	JCR32-06	15HP	2900
	126-199 (8.68-13.72)	FWHC 50-200-400 (Engine Driven) (2350 RPM)	10	125	JCR32-07-2	20HP	2900
2500(5678)	152-224 (10.48-15.44)	FWHC 300-250-650 (Motor Driven) (1470 RPM)	11	125	JCR32-08-2	20HP	2900
	126-199 (8.68-13.72)	FWHC 250-200-400 (Engine Driven) (2350 RPM)	12	125	JCR32-08	20HP	2900
3000(11356)	90-151 (6.2-10.41)	FWHC 300-250-500 (1470 RPM)	6.5	150	JCR 32-05	15HP	2900
			7	150	JCR32-06-2	15HP	2900
			8	150	JCR32-07-2	20HP	2900
			9	150	JCR32-07	20HP	2900
			10	150	JCR32-08	20HP	2900