

Chillers

For Waterjet Cutting Applications



In-Line Chillers



The Ebbco In-Line Chillers are designed to be used in conjunction with the Ebbco Closed Loop Filtration System, to cool the OEM's high pressure pumps as well as the Ebbco Closed Loop Filtration System, providing cooled treated water for hydraulic cooling and cutting purposes to maximize high pressure pump seal life.

- Conserve water and increase seal life with cold water
- Used in conjunction with Closed Loop Filtration Systems

Fluid:

Water (20 micron or cleaner)

Specifications

Model No.	Electrical (VAC/PH/Hz)	BTU/Hr 65 °F (LFT)*	Compressor HP	Inlet Outlet	Rated Load (FLA)
WJF-12000IL-3	230/3/60	12,000	1.0	¾" MPT	6.1
	460/3/60				3
WJF-24000IL-3	230/3/60	24,000	2.0	¾" MPT	10.3
	460/3/60				5.2
WJF-36000IL-3	230/3/60	36,000	3.0	¾" MPT	15.1
	460/3/60				7.6
WJF-60000P-3	230/3/60	60,000	5.0	1 ¼" MPT	33
	460/3/60				16.5
WJF-90000P-3	230/3/60	90,000	7.5	1 ½" MPT	38.9
	460/3/60				19.5
WJF-120000P-3	230/3/60	120,000	10.0	1 ½" MPT	35.5
	460/3/60				27.8
WJF-180000P-3	460/3/60	180,000	15.0	2" MPT	42.0

Dimensions

Model	Length (in)	Width (in)	Height (in)
WJF-12000-IL-3	34	25	36
WJF-24000-IL-3	28	25	56.5
WJF-36000-IL-3	42	27.5	41.5
WJF-60000P-3	42	27.5	41.75
WJF-90000P-3	50	31.5	53.25
WJF-120000P-3	50	31.5	53.25
WJF-180000P-3	58	42	97

Closed Loop Chillers

The Ebbco Closed Loop Chillers are designed to cool the hydraulics on the high pressure intensifier pumps. This allows our clients to eliminate the discharge of hydraulic cooling water to drain. Each Ebbco Closed Chiller comes complete with Installation Kit and Glycol for Start up.



- Conserve up to 5 GPM of Water

Fluid

Water/Glycol (70% / 30% Mixture)

Specifications

Model No.	Electrical (VAC/PH/Hz)	BTU/Hr 65 °F (LFT)*	Pump Flow @ 35 psi		Rated Load (FLA)	Reservoir US gal
			HP	GPM		
WJF-24000-CLC	230/3/60	24,000	1.0	10	20	10
	460/3/60				10	
WJF-36000-CLC	230/3/60	36,000	2.0	10	26	36
	460/3/60				13	
WJF-60000-CLC	230/3/60	60,000	2.0	15	35	36
	460/3/60				17.5	
WJF-90000-CLC	460/3/60	90,000	2.0	23	24	60
WJF-120000-CLC	460/3/60	120,000	2.0	30	33	60
WJF-180000-CLC	460/3/60	180,000	3	60	42	100
WJF-240000-CLC	460/3/60	240,000	3	60	42	100

Dimensions

CLC Model	Length (in)	Width (in)	Height (in)	Inlet & Outlet Piping (in) NPT	Dry Wt. (lbs)
WJF-24000-CLC	31	28	50	1	460
WJF-36000-CLC	37	34	70	1.25	540
WJF-60000-CLC	37	34	70	1.25	570
WJF-90000-CLC	57	37	70	1.25	570
WJF-120000-CLC	57	37	70	1.25	1350
WJF-180000-CLC	60	57	74	2	1800
WJF-240000-CLC	60	57	74	2	1800

Flow-Thru Chillers



Ebbco Flow-Thru chillers are designed to rapidly cool clean process water in a single pass prior to entry into a direct drive style high pressure pump. Chillers do not have pumps, and operate on the pressure of the process water. (not to exceed 150 psi)

- Increase seal life with cold water

Fluid:

Water (20 micron or cleaner)

Chiller Model	BTU/HR	Inlet/Outlet	Max Flow Rate GPM	Chiller Dimensions(“)			Chiller FLA	
				A	B	C	230Vac/3Ø/60Hz	460Vac/3Ø/60Hz
WJF-12000-FTC-3	12,000	3/4" NPT	3	34	25	36	6.1	3
WJF-24000-FTC-3	24,000	3/4" NPT	6	28	25	56.5	10.3	5.2
WJF-36000-FTC-3	36,000	3/4" NPT	9	42	27.5	41.5	15.1	7.6

MAX / MIN PRESSURE 25psi - 150 psi

For product inquiries please contact:



11 Britton Drive | Bloomfield, CT 06002
 PH: 860.218.2061 | www.aquajetct.com