



Designed to Perform. Built to Last.

BFC SERIES

Blown Film Air Coolers
600 to 9000 CFM



Mokon's BFC Series blown film air coolers offer an increase in blown film activity, especially in warmer climates or when ambient air temperatures rise during the summer. The BFC Series boosts productivity by eliminating production variables in your air ring supply, including air temperature, pressure, and volume.

Model	Process Air CFM	BTU/Hr of Heat Removal ¹	Nominal Cooling Required (Tons) ²	Water Capacity (GPM)	Chilled Water Connection	Air Inlet/Outlet Size (inches)	Optional Blower Motor ³		Approximate Dimensions (L x W x H)	Base Unit Shipping Weight (Approx. lbs.)	Shipping Weight w/16" Blower (Approx. lbs.)	Shipping Weight w/35" Blower (Approx. lbs.)
							16" Static Pressure (Hp)	35" Static Pressure (Hp)				
BFC-600	600	64,512	5.5	13	1"	10/10	3	7.5	47" x 32" x 47"	400	690	790
BFC-1000	1,000	105,855	9.0	26	1 1/2"	10/10	5	10	47" x 32" x 47"	430	705	830
BFC-1500	1,500	158,861	13.5	40	2"	14/14	7.5	15	47" x 38" x 51"	645	985	1,215
BFC-2000	2,000	211,775	18.0	59	2"	14/14	10	20	47" x 38" x 51"	700	1,050	1,325
BFC-3500	3,500	370,470	31.0	81	2 1/2"	16/16	15	40	60" x 45" x 74"	1,100	1,580	2,035
BFC-5000	5,000	532,210	44.5	112	2 1/2"	18/18	25	60	70" x 64" x 75"	1,600	2,375	2,575
BFC-7500	7,500	793,760	66.0	126	3"	22/22	40	75	70" x 73" x 84"	1,800	2,575	3,800
BFC-9000	9000	953,541	80.0	175	3"	24/24	40	75	70" x 73" x 84"	2,000	3,075	4,300

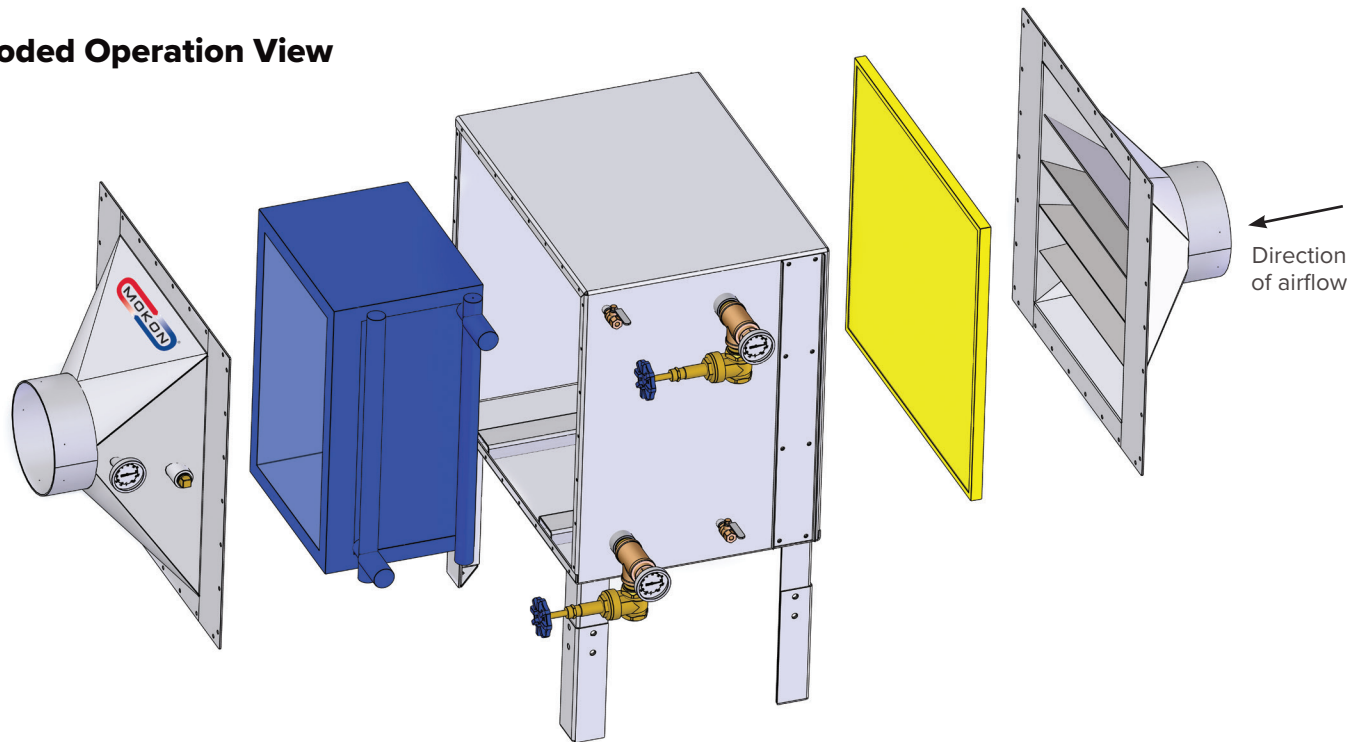
1. Based on 50°F (10°C) leaving air from cooler, 80°F (27°C) wet bulb ambient air temp, 40°F (4°C) entering chilled water and required CFM of process air.

Note: Heat removal value does not include heat contributed by the blower.

2. Chilled water Tons required with entering air at 100°F (38°C) dry bulb, 80°F (27°C) wet bulb, 40°F (4°C) chilled water and 50°F (10°C) leaving air.

3. Blower at 460 Volt, 3 Phase, 60 Hertz.

Exploded Operation View



Standard Features

- Nonferrous wetted surfaces
- Insulated powder coated internal and external heavy gauge steel cabinet
- Zinc plated bolts spaced for 35" static pressure
- Permanent cleanable filter
- Discharge air temperature gauge
- Drip condensate trap
- Coil air vent
- Entering air diffuser
- Adjustable bolt-on support legs
- Dial thermometers for chilled water inlet, chilled water outlet, and leaving air
- Chilled water flow control ball valves

Common Options and Accessories

- Custom air inlet/out transitions
- Custom painted colors
- 5°F (-15°C) approach coil
- Other voltages, phase, frequencies
- Stackable designs
- Static pressure blower with controls
- Two or three-way modulating valves

Product Testing and Warranty

All Mokon blown film air coolers are qualified for service by rigid, simulated field tests, and are 100% factory inspected. Mokon offers a 1 year warranty on system and lifetime on cabinet.



Designed to Perform. Built to Last.

2150 Elmwood Avenue
Buffalo, New York 14207

P (716) 876-9951
F (716) 874-8048
E sales@mokon.com

mokon.com

Technical data shown is subject to change without notice. The company will endeavor to supply the equipment as illustrated but reserves the right to make dimensional and other design changes as required.



BFC 4/22 MOK8300