



BLOWN FILM AIR COOLERS

INCREASE BLOWN FILM PRODUCTIVITY YEAR ROUND WITH A PERFORMANCE PROVEN RING-COOLING SYSTEM

Today's competitive blown film business calls for consistent, high quality product and increased productivity especially in warmer climates or when ambient air temperatures rise in summer months.

Sterling's SBFC Series blown film coolers boost productivity by eliminating production variables. Full engineered chilled water coil assemblies deliver air ring cooling at constant temperature, pressure and volume. It's a proven system backed by more than two decades of experience with documented production increases up to 25%.

Standard Cooling Coil Module Features

- Designed for floor or ceiling mounting for ease of installation
- Deep, high surface area, chilled-water coil using copper tubes and aluminum fins to insure optimum heat transfer
- Insulated housing with integral drip pan and bolt-on support legs
- Dial thermometers for discharge air stream, discharge chilled water supply and return to monitor temperatures
- Condensate drain trap for removal of collected condensation

Optional Features

- Self-contained, 2 or 3-way chilled water valve for accurate leaving air temperature control
- Complete motor controls including factory wired starter and on/off switch



SBFC SERIES



Complete Coil Modules, Ready To Install Into Existing Air Handling and Chilled Water System

SBFC Series coil modules for 3 to 80 inch die diameters are fully assembled, ready for installation into existing air handling systems. In most instances, only minor modifications are needed, provided that fans, ducts and hoses are properly sized. The units are also factory-piped and insulated, ready for hook-up to existing chilled water systems if adequate temperature and capacity is available from the plant's process cooling system.

Modular Blower Packages

All coil assemblies are available with 16" or 35" static pressure blower packages which utilize disposable filters. Each blower package is carefully sized for its respective coil assembly and will deliver the air volume and pressure needed for controlled, high-speed production.

Helpful Design Service

For new blown film extrusion lines, Sterling's professional design service is especially helpful. Our engineers will assist you in designing new air handling systems, assuring correct sizing to match cooling requirements. And once your cooling needs have been determined, Sterling will recommend either portable or centrally installed chillers, depending on individual process conditions. Additionally, our experienced systems designers provide all drawings needed to properly install every piece of equipment.

Air Flow @ Rated HP (cfm)	Base Unit Model Number	16" Static Pressure Model Number	35" Static Pressure Model Number
600	BFC600	BFC600B	BFC600BH
1,000	BFC1000	BFC1000B	BFC1000BH
1,500	BFC1500	BFC1500B	BFC1500BH
2,000	BFC2000	BFC2000B	BFC2000BH
3,500	BFC3500	BFC3500B	BFC3500BH
5,000	BFC5000	BFC5000B	BFC5000BH

Base unit plus fan section with damper available in 230/3/60 or 460/3/60



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