

Long Ranger™ Long Range Spot Coolers



with direct drive motors and variable pitch, field adjustable impellers

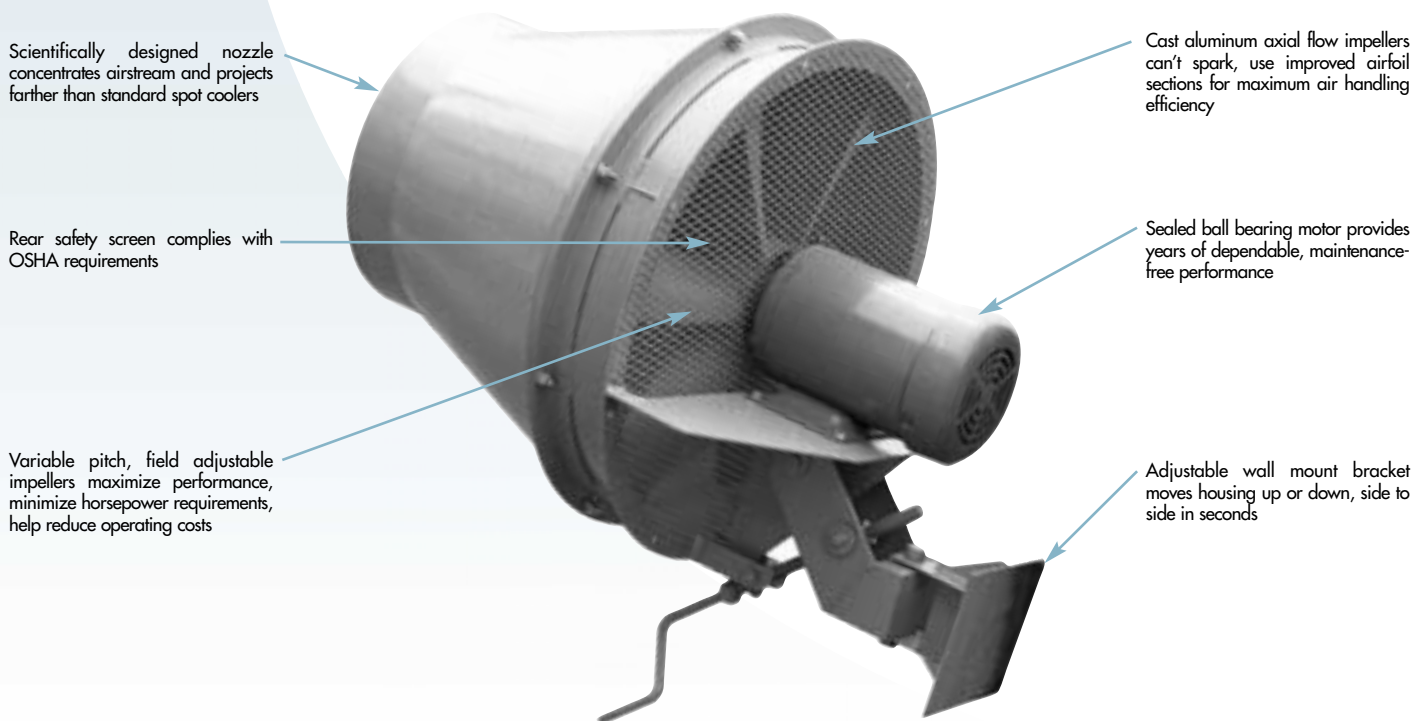
For cooling products, production equipment or personnel under excessive heat, and for removing contaminated air or explosive fumes from isolated locations

Strobic Long Ranger™ long range spot coolers are designed for use where it is either impractical or impossible to mount a fan at the point it is needed. Instead, the Long Ranger mounts on the wall – away from the site. An adjustable bracket permits fast and simple installation, and allows the fan housing to be tilted up or down and side to side for maximum efficiency. Quiet operation combined with remote mounting eliminates unnecessary noise – especially important when cooling personnel in production areas.

Other outstanding advantages of Strobic Air long range spot coolers:

- ❶ **ADJUSTABLE WALL MOUNT TILT BRACKET** secures fan permanently, eliminates wires and electrical motors in working areas for complete safety.
- ❷ **REAR SAFETY SCREEN PREVENTS** fingers and other objects from contacting impeller, complies with OSHA requirements.
- ❸ **OUTLET GUIDE VANES** maximize spot cooling efficiency, assure narrow air column projection under all operating conditions.
- ❹ **NOZZLE COMPANION FLANGES** allow fast, easy access to impeller for on-the-job blade adjustment.
- ❺ **DIRECT DRIVE DESIGN** eliminates belts and pulleys, adds simplicity to end maintenance headaches.
- ❻ **NON-SPARKING ALUMINUM BLADES** can't ignite volatile atmospheres.
- ❼ **RUGGED, CONTINUOUSLY WELDED HEAVY GAUGE** carbon steel housings minimize friction losses to enhance performance.
- ❽ **MATERIALS OTHER THAN STEEL** (for housings) and aluminum (for blades) are available including stainless steel, copper, monel, etc.
- ❾ **SPECIAL COATINGS AND MATERIALS** are available – plastic, epoxy, rubber and fiberglass to meet unusual environmental applications.
- ❿ **MOTOR CONSTRUCTION OFFERED** includes drip-proof, totally enclosed, fan cooled, or explosion-proof configurations.
- ⓫ **SIZES RANGE FROM 18" TO 27"**; other sizes are available to meet unusual needs.
- ⓬ **CAPACITIES TO 13,500 CFM**, and velocities to 6250 FPM.

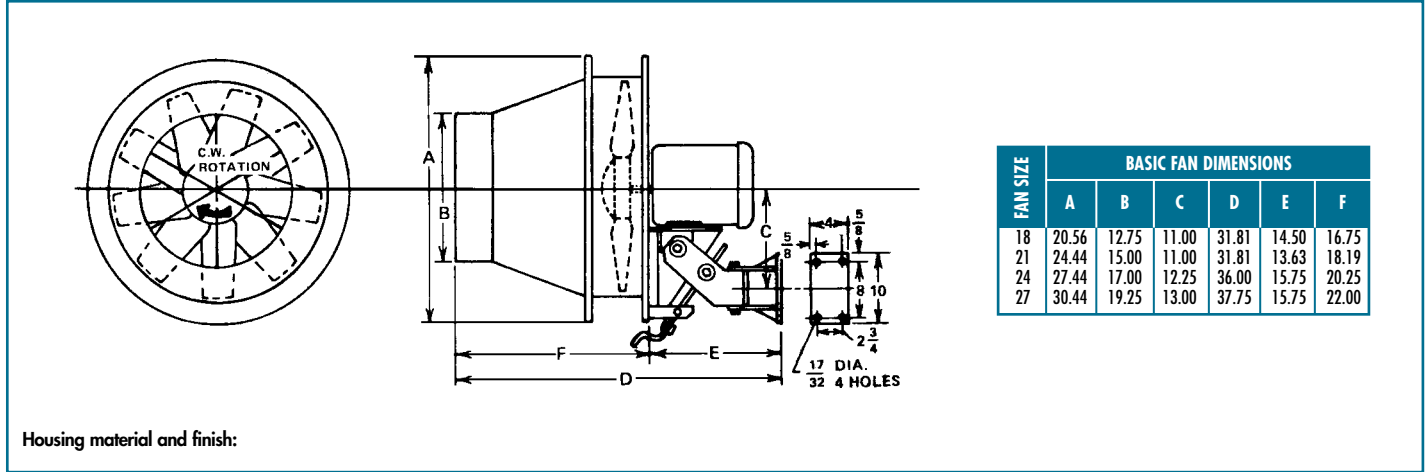
Special features of Strobic Air long range spot coolers:



Long Ranger™ Long Range Spot Coolers with variable pitch impellers

Submittal Data:
Customer: _____
Architect/Engineer: _____
Project: _____

Drawing No.: _____ Date: _____
Submitted by: _____
Approved by: _____ Date: _____
Optional features: _____

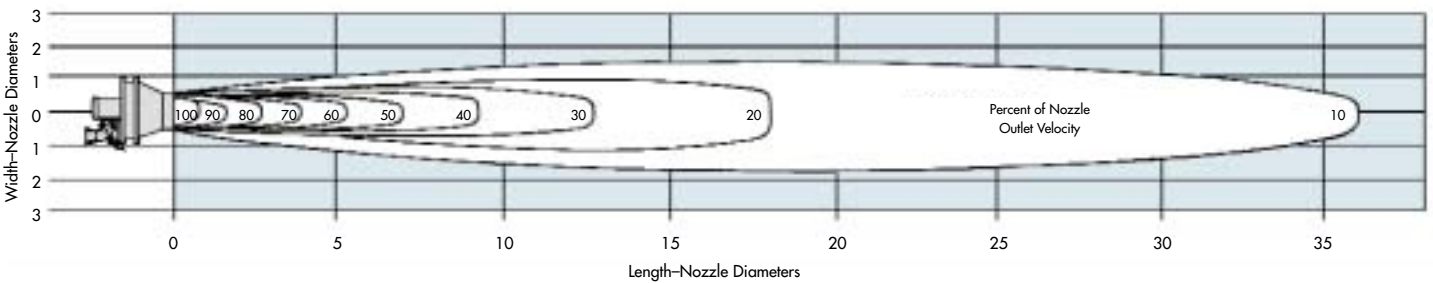


Certified Performance Ratings:

FAN SIZE	REPRESENTATIVE BLADE ANGLE	HORSEPOWER	RPM	CFM*	VELOCITY* (FPM)
18	32°	1/3	1140	2800	3150
	24°	3/4	1750	3400	3830
	32°	1	1750	4000	4510
21	32°	3/4	1140	4100	3340
	24°	1 1/2	1750	5200	4240
	32°	2	1750	6500	5300

FAN SIZE	REPRESENTATIVE BLADE ANGLE	HORSEPOWER	RPM	CFM*	VELOCITY* (FPM)
24	24°	3/4	1140	5200	3300
	24°	2	1750	8200	5200
	32°	5	1750	9400	6000
27	24°	1 1/2	1140	7000	3500
	24°	5	1750	11,100	5500
	32°	7 1/2	1750	13,500	6250

* At nozzle.



Performance Data

ITEM #	QTY.	MODEL #	VOLUME CFM	VELOCITY (FPM)	H.P.	RPM	MOTOR CHAR.	TYPE	OPTIONAL FEATURES	SHIP Wt.

Note: Because we are constantly striving to improve our products, we reserve the right to provide versions of these products with slight variations from those described in this literature.



FANS, SILENCERS AND SYSTEMS

160 Cassell Road, P.O. Box 144, Harleysville, PA 19438
1-800-SAC-FANS, (215) 723-4700, FAX: (215) 723-7401
E-mail: tristack@strobicair.com, Web site: www.strobicair.com



Represented by: