Service with Quality

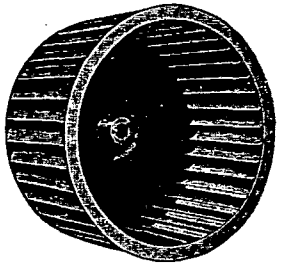
Brookside CORPORATION

6 Depot Street • McCordsville, Indiana • EDison 5-2101

Manufacturers of

FAN BLADES
BLOWER WHEELS
AIR-MOVING EQUIPMENT

Brookside Corporation is large enough to serve you well—small enough for frequent contact between management and production supervisory personnel to insure top quality and coordination of all customer requirements. Brookside offers custom engineering free of charge—and production at competitive prices. A company-owned airplane is maintained to offer the fastest possible service and engineering assistance when it is necessary.



SERIES 50 FORWARD CURVE BLOWER WHEELS

5 Ways Better than currently available blowers:

1. Up to 15% better performance characteristics.
2. Complete electric welded construction (at no extra charge) insures no loose blades to amplify motor noises. Electric welding guarantees sturdier, more uniform and precise blade alignment.
3. Available with solid or resilient mounted hubs.
4. Designed for your requirements to fit *your* equipment.
5. Quieter operation achieved through meticulous aerodynamic design.

6-BLADE ONE-PIECE FANS in a wide range of sizes from 6 in. diameter 4-blade to 14 in. diameter 6-blade. Some models with slinger rings for room air conditioner application. Manufactured of aluminum or steel.

AUTOMOTIVE TYPE: Heavy-duty, both single and double spider types, in both steel and aluminum blades. A wide range of sizes from 10 in. diameter through 85 in. diameter. Available in 4, 5, 6 and 8-blade designs. Suitable for use on gasoline or diesel engines and cooling tower applications.

FAN BLADES: Slinger-type for air conditioning or offset spider and conventional propeller type fans for ventilating and other applications. All engineered exactly to your specifications free of charge. Slinger rings are all one-piece die drawn. Research and laboratory facilities available to solve air moving problems on your product.

SIX BLADE: One-piece or fabricated construction in a wide range of diameters, any pitch, in aluminum or steel. Gives efficient air movement against higher static pressures. Solid or resilient hub. Also available in three and four blade.

OFFSET TYPE: Gives maximum space-saving features by bringing blade around the motor. Brookside's advanced design blades give higher efficiency and may be made reversible.

SLINGER BLADE: Solid die-drawn slinger rings, with the tabs a part of the blade, operate at low sound level and high efficiency. Designed especially for air conditioning and refrigeration industry.



4-BLADE WITHOUT RING



OFFSET TYPE



4-5-6 & 8-BLADE AUTOMOTIVE TYPE



4-BLADE WITH RING



6-BLADE WITHOUT RING



SLINGER TYPE



6-BLADE ONE PIECE

CUSTOM ENGINEERING FREE OF CHARGE • PRODUCTION AT COMPETITIVE PRICES

"Buffalo" AIR HANDLING EQUIPMENT

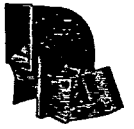
FEATURING

• Highest quality construction • Peak mechanical efficiency • Reliable 'Buffalo' performance

Other air handling equipment designed and manufactured by 'Buffalo' includes Propeller Fans, Mechanical Draft Fans, Blowers, Exhausters, Air Washers, Scrubbing Towers, Rotary Scrubbers, Gas Absorbers, Unit Heaters, and Air Preheaters. The Buffalo representative near you can help you select the unit best suited to your application. Call him, or write Buffalo Air Handling Division for complete information and literature.



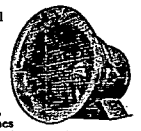
AIR-COOLED CONDENSERS—The most efficient, trouble-free condensers in the liquid cooling field. For condensing refrigerants 12,22, etc., plus steam or other vapors in refrigeration, heat pump, or industrial processes. In addition, they cool water, oil, or other fluids for engines, quenching tanks, and processes. 'Buffalo' Air-Cooled Condensers are factory-assembled, dry coil, propeller fan units with opposed-blade by-pass dampers. 11 capacities from 7½ to over 100 tons (at 120°F. condensing temperature, 40°F. suction, and 100°F. ambient). Rugged galvanized steel construction . . . Aerofin tubes . . . low silhouette. Vertical air discharge unaffected by wind velocity. Request Bulletin F-4095 and FM-2345.



BELTED VENT SETS — "Packaged" for easy, low-cost installation in laboratories, small plants, and separate areas of large plants. "Limit Load" wheels, with double curved blades, are quiet, and efficient . . . have non-overloading characteristics. Stationary inlet vanes reduce turbulence and air noise . . . insure stable operation under unfavorable inlet conditions. Sets are adjustable to 16 discharge positions . . . capacities can be increased after installation. Available in 10½" to 36½" wheel diameters . . . 500 to 20,000 cfm capacities at up to 2½" SP. Special paints, coatings, motors, vanes, and dampers. Request Bulletin FMB-235.



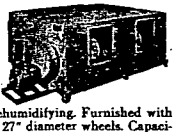
VENTILATING FANS — TYPES "BL" and "BLH" — Provide air for the ventilation of buildings, (including complete air conditioning systems), vehicular tunnels, motors, combustion and industrial systems. *Ideal for exhausting these same spaces and processes.* Type "BL" fans are designed for moderate pressure applications (Class I and II). Type "BLH" for high pressure (Class III and IV). Performance is completely stable from free delivery to shut-off. Backwardly curved blades give quiet, efficient, non-overloading performance. Available in 12¼" through 108¾" wheel diameters . . . capacities from 700 through 500,000 cfm at up to 6¾" SP. Single and double inlet models . . . clockwise and counter clockwise rotation available. Request Bulletins F-104 and F-201.



AXIAL FLOW VENTILATING FANS — Vaneaxial (with discharge vanes), Tubeaxial (without discharge vanes) are compact lightweight units for installation in straight-run supply or exhaust ducting. Applications include air supply for air conditioning systems, spray booths, buildings, tunnels, motors, equipment, and combustion systems. Quiet, efficient, non-overloading characteristics. Discharge vanes (Vaneaxial models) give swirling air greater forward thrust. Both models available in 15" to 72" diameters . . . capacities from 2,000 through 115,000 cfm at up to 3" SP. Various constructions to suit application. Request Bulletin 3533.



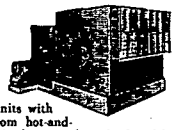
STYLE H SKY-VENT® MAKE-UP AIR UNITS—Supply ventilation or make-up air plus all or part of the heating for factories, garages, auditoriums, etc. "Packaged" for easy, low-cost installation and service. Tremendous air moving capacity . . . fewer units required . . . no ductwork needed. Rugged hoods and stacks withstand heavy snow . . . winds of hurricane force. High capacity, Make-Up Air Section heats replacement air. Models with 12" to 108" diameter fans in 1,200 to 125,000 cfm at up to 1" SP. Request Bulletin SV-100.



PC CABINETS — Highly efficient, economical, and quiet in supplying conditioned air to offices, stores and buildings where space may be treated as a single zone, or where individual reheat is provided in multiple zones. Factory-assembled, fan-coil units of the draw-through type. Adaptable to any combination of heating, cooling, and/or dehumidifying. Furnished with one, two, or three fan units with 12" to 27" diameter wheels. Capacities from 875 to 29,000 cfm at up to 2½" SP. Also available in vertical and air washer designs. Request Bulletin AC-121-A.



PCB ZONE CONTROL CABINETS — Factory-assembled, fan-coil units with hot-and-cold deck . . . with or without zone damper assembly. Ideal for supplying conditioned air to various buildings where individual temperature control is required for multiple zones using either individual-zone-duct, or double-duct systems. Two, or three-fan models with 12" to 27" diameter wheels . . . capacities from 1,750 to 29,000 cfm at up to 3" SP. Request Bulletin AC-220.



PCHB HIGH PRESSURE CABINETS — For high velocity, high pressure (up to 8" SP) conditioned air in office, public, and other buildings where individual temperature control is required for multiple zones using either individual-zone-duct or double-duct systems. Factory-assembled, fan-coil units with high pressure fan system isolated from hot-and-cold deck. Furnished with one 15" to 33" diameter fan wheel and in capacities from 2,500 through 30,000 cfm. Request Bulletin AC-152.

AIR HANDLING DIVISION

BUFFALO FORGE COMPANY

Buffalo, New York

Canadian Blower & Forge Co., Ltd., Kitchener, Ont.

'BUFFALO' AIR HANDLING EQUIPMENT | 'BUFFALO' CENTRIFUGAL PUMPS | 'BUFFALO' MACHINE TOOLS | SQUIER PROCESS MACHINERY