

FRP PRODUCTS



FRP General-Purpose Fume Exhauster

Arrangement 9, Clockwise, Top Horizontal, with optional outlet flange drilling and guards.

FRP Fume Exhauster

Arrangement 9, Counterclockwise, Top Horizontal, with optional cleanout door, inlet flange, flange drilling, graphite impregnation, and guards.



FRP Radial Fume Exhauster

Arrangement 10, Counterclockwise, Top Horizontal, with optional flange drilling, drain, graphite impregnation, and weather cover/belt guard.

FRP Pressure Blower

Arrangement 1, Clockwise, Up Blast, with optional flange drilling, drain, graphite impregnation, unitary base, motor, v-belt drive, and guards.



nyb fiberglass reinforced plastic (FRP) fans have been successfully handling the corrosion-resistant needs of industry for more than 30 years. Examples of highly corrosive fumes found in processes requiring **nyb** FRP fans include hydrogen sulfide, hydrochloric acid, sulfur dioxide, chlorine gas, chromic acid, ammonia, and sodium hydroxide. Typical industries that use FRP fans include wastewater treatment, pulp and paper, chemical, fertilizer, pharmaceutical, and metal-plating, to name a few. Standard construction features include the use of premium-quality vinyl ester resin for FRP fabrication. All **nyb** FRP fans are coated with gray epoxy enamel to provide corrosion protection for the metal surfaces and to protect the resin from ultraviolet degradation.

GENERAL PURPOSE FUME EXHAUSTERS (GFE)

GFE's are available in ten sizes, ranging from 12" to 60" wheel diameters. Capacities are available to 73,000 CFM, and static pressures to 17" WG. GFE's feature backwardly inclined wheels for efficient operation and reduced sound generation. They are available in Arrangements 1, 8, 9 and 10.

FUME EXHAUSTERS (FE)

FE's are offered in eight sizes, beginning with a wheel diameter of 18" and increasing in 6" increments to a maximum diameter of 60". FE's achieve up to 84,000 CFM, with static pressures to 25" WG. Backwardly inclined wheels provide efficient operation and reduced sound generation. Arrangement choices include 1, 8, 9 9E, 9F (Sizes 362 through 602) and 10.

RADIAL FUME EXHAUSTERS (RFE)

RFE's are available in five sizes, ranging from 8" to 22" wheel diameters. RFE's are capable of producing up to 7,500 CFM at static pressures to 14" WG. A radial bladed wheel design is furnished for stable operation throughout the performance curve. RFE's are available in the compact Arrangement 10 design.

PRESSURE BLOWERS (FPB)

FPB's are available in three sizes: 18", 22", and 28" wheel diameters. Maximum capacity for the FPB is 5,000 CFM, while static pressures reach 36" WG. FPB's feature a radial bladed wheel design, providing stable operation throughout the performance curve. They are available in Arrangements 1, 8 and 10.

All **nyb**'s FRP fans are furnished with outlet flanges (drilling is optional). Accessories and modifications include surface veil, graphite impregnation, shaft seal, drain, inspection port, outlet damper, unitary base, vibration isolation, safety equipment, motor and drive components. Other accessories are available on select product lines; consult your local **nyb** representative for specific product information and pricing.



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