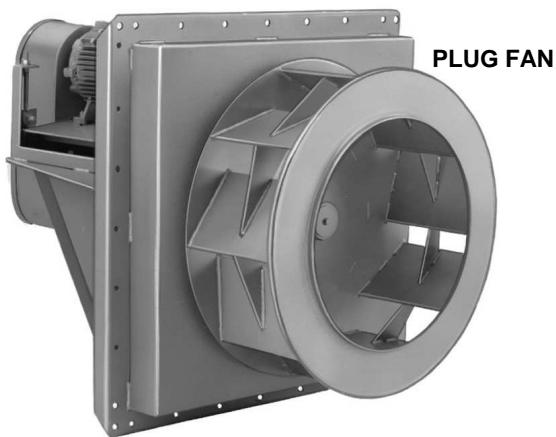


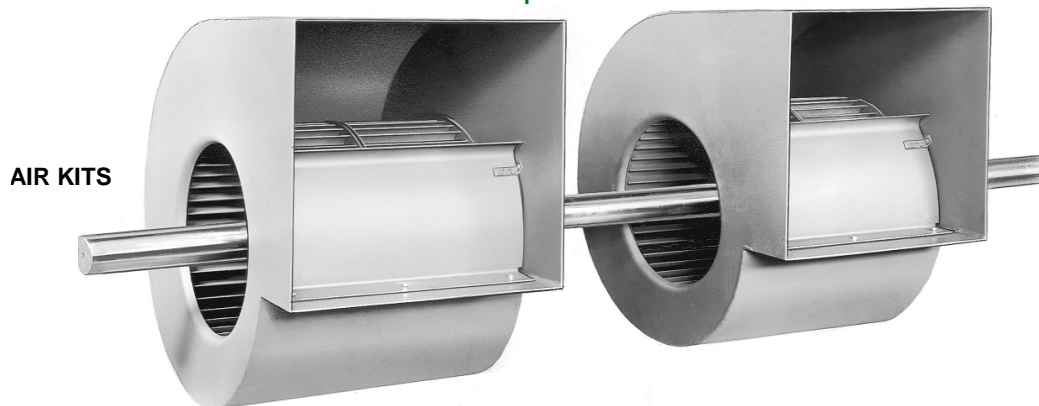
# PROCESS COMPONENTS



**nyb** removes the restrictions on system design imposed by conventional air-moving devices. Economical and space-efficient designs are now achievable, whether the application involves supply, exhaust, or recirculating air. Space savings, system flexibility, and overall cost reductions result when **nyb** Plug Fans, Air Kits, and OEM components are incorporated into system designs.

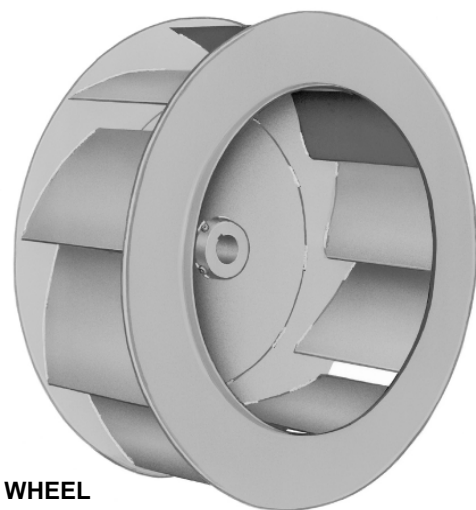
## PLUG FANS

Plug Fans use an unshoused backward-inclined wheel with operating efficiencies comparable to housed fan equipment. Plug Fans are available in two wheel designs: AcoustaFoil™ - an airfoil design providing aerodynamic superiority for clean-air applications; PLR - backward-inclined flat blades for rugged utility. **nyb** Plug Fans are available for insulated or uninsulated wall mounting with temperatures to 1300°F., capacities to 74,000 CFM, and static pressures to 14" WG.



## AIR KITS

When applied to ovens, dryers, air conditioners, or built-up process systems, these predetermined combinations of housings, shafts, bearings, and forward-curve wheels provide flexibility of performance and bearing centers, and overall reduction of unit size compared to other air-moving alternatives. Eight sizes of Air Kits are available in single-fan or two-fan assemblies, with capacities to 60,000 CFM, static pressures to 6" WG, and temperatures to 1000°F.



## OEM COMPONENTS

The same housings, wheels, and inlet cones used in AcoustaFoil and PLR Fans are available to original equipment manufacturers. These components offer a variety of configurations limited only by the needs of the system and good engineering practice. Class I, II, III, or IV construction. AcoustaFoil and PLR wheels with diameters from 12" to 73" encompass a full range of airflow and pressure capabilities.



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