



Hartzell Propeller Fan Co.

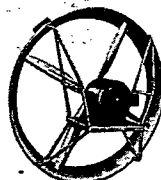
DIV. OF CASTLE HILLS CORP.

Piqua, Ohio

Engineering Offices In Principal Cities

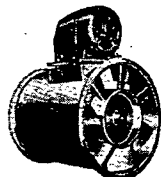
PROPELLER TYPE FANS

Standard fans (shown) in single-propeller, two-propeller and multi-blade models, diameters from 12 in. to 60 in. Also Low Noise Fans, 24 in. to 60 in., and a special high pressure fan which operates efficiently against pressures as high as 3 in. water gauge. All can be supplied in direct-drive, belt-drive, pulley-drive or extension shaft construction—ring or panel mounted. Cast aluminum-alloy propellers.



VANEAXIAL BLOWERS

For use in duct systems, against very heavy pressures. Direct-drive in six sizes, 18 in. to 42 in. Belt-drive in 10 sizes, 12 in. to 54 in. Air deliveries to 88,000 cfm. Special high-temperature models move air at elevated temperatures, and air containing mild acids and alkalis, without danger of premature failure of belts and bearings. All-welded construction. Dynamically-balanced cast aluminum alloy impellers.



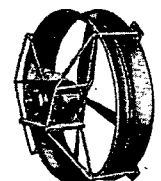
DUCT FANS

Standard duct fans are prefabricated duct sections which can easily and quickly be bolted into place in any duct system. Direct or belt-drive, 12 in. to 60 in. Bi-Pass Duct Fan has motor in tunnel out of air stream; for high temperature applications (up to 550 F with special heavy duty construction) and for moving corrosive fumes.



REVERSIBLE FANS

Move air in either direction with the same high efficiency. Can be reversed manually or automatically. For many cooling and drying processes and for ventilating jobs where intake may be desired under some conditions and exhaust under other conditions. Available in 28 in., 36 in. and 44 in. fans diameters, in duct section or double-ring construction.



ROOF VENTILATORS

The Vertijet (shown) or the Automatic Airjet attain unusual efficiency and economy through extreme simplicity of design. Lids open automatically when the fan is on, close weather tight when it goes off. Other ventilators include a Rotary Ventilator and a new Reversible Roof Ventilator which also meets all the requirements for a blackout unit.



OTHER HARTZELL VENTILATING EQUIPMENT: Centrifugal blowers, man and materials cooling fans, intake air units, unit heaters, aluminum and plastic adjustable-pitch fans for cooling tower and heat exchanger applications and mine ventilation.

ILG Electric Ventilating Co.

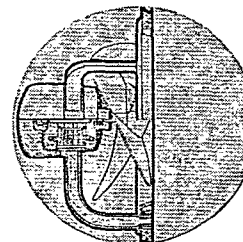
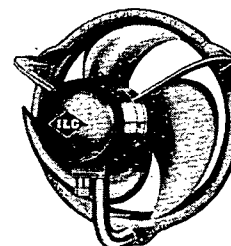
2880 North Crawford Ave., Chicago 41, Ill.

Offices in more than 40 Principal Cities



ILG PROPELLER FANS, CENTRIFUGAL FANS, ROOF VENTILATORS

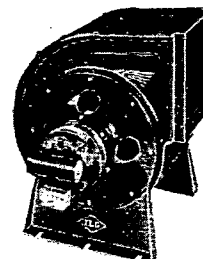
Tested and rated by NAFM, PFMA and ASHVE code. Capacities guaranteed.



Type "X" Explosion Proof Fans carry UL certification of suitability for all Class I, Group D hazardous applications.

Type "TA" Tubaxial Duct Fans for pressures up to 0.6 in. Easily installed duct section for vertical or horizontal use.

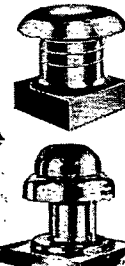
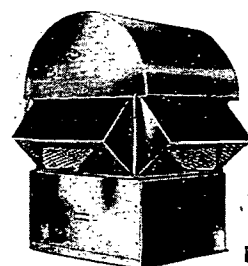
ILG DIRECT-CONNECTED SELF-COOLED MOTOR PROPELLER FANS—Exclusive self-cooling feature: motor covered for protection against corrosive and contaminating exhaust air, but cooled by a vent, the entrance of which is outside the exhaust area. Motor never "gums up" from contact with foul air . . . saves on power costs . . . practically no maintenance required. Direct drive assures permanent alignment. Exceptionally quiet operation. Wide range of sizes.



Volume Blower Type "B" left—Small volume, low pressure, quiet running. Cast iron base. Universal discharge positions, 7 capacities.

Volume Blower Type "P" left—For exhausting dust, fumes, vapors. Four discharge positions, 7 capacities.

ILG DIRECT-CONNECTED CENTRIFUGAL FANS, NEW AIRFOIL TYPE BC above, far left—Motor load is constant for wide range of volume and static pressure changes. Direct drive design with motor partially recessed, 10 sizes. Belt-drives in 12 sizes.



TYPE LSQ—Direct-connected propeller fan type featuring low silhouette, low maintenance and high capacity, 5 sizes up to .6 in. static pressure.

TYPE RVS—Centrifugal fan type, ideal for low volume requirements. 9 sizes up to .5 in. static pressure. 17 in. high above curb. Optional without damper, Type RAS, 13 in. high above curb.

ILG PRV POWER ROOF VENTILATORS—Centrifugal fan type, shown above left, for exhaust from vertical flues or duct systems. Direct drive, self-cooled motor. Non-overloading, backward curved wheel. 10 sizes. Up to 1½ in. Static Pressure.