
50 HERTZ - METRIC TURBO BLOWER

HAUCK 50 Hertz Fiberglass Turbo Blowers are metrically dimensioned units available in four pressure ranges and thirty-seven different sizes. Capacities ranging from 555 to 10,900 cubic meters per hour provide almost any needed volume of air at constant pressure (500-1100mm wc). Although originally designed as a combustion air type blower, the 50 Hertz Fiberglass Turbo Blower can be used in any application requiring low pressure air.



HAUCK



- INCREASED EFFICIENCY
- CORROSION RESISTANT FIBERGLASS HOUSING
- TURBINE BLADE IMPELLER

- MOLDED SCROLL DESIGN
- METRIC DIMENSIONS
- ADJUSTABLE DISCHARGE POSITIONS

HAUCK 50 Hz Turbo blowers are metrically dimensioned units available in four pressure ranges and thirty-seven different sizes. Capacities ranging from 555 to 10,900 m³/hr provide almost any needed volume of air at constant pressure (500-1100 mm wc). Although originally designed to supply air for combustion systems, they can be used on any application requiring low pressure air.

INCREASED EFFICIENCY

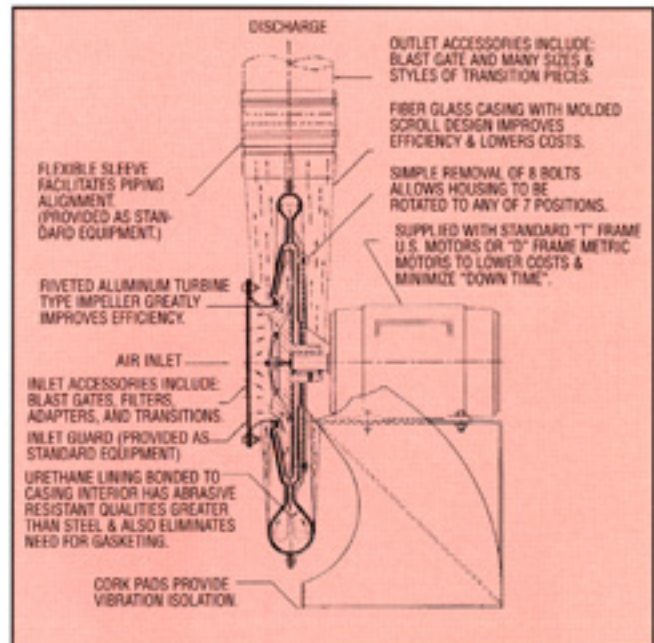
Precise engineering and designing, modern manufacturing techniques and resilient materials have been employed to make the HAUCK Turbo Blower the most significant revolution in the blower industry in the last fifty years. The integral molded scroll design and the turbine bladed impeller have been combined to produce efficiencies never before possible. Increased efficiencies translate to increased savings in both initial and subsequent operating costs. HAUCK Turbo Blowers can frequently meet your air volume and pressure requirements with a motor of lower kW rating than conventional blower equipment, thus greatly reducing the initial purchase price. Additionally, due to increased efficiency, power consumption is reduced and operating costs are lowered.

IMPROVED PERFORMANCE

Each impeller is dynamically balanced before assembly. Furthermore, all blowers equipped with factory installed motors are thoroughly tested before shipment to insure catalog performance when installed. Thorough pre-shipment testing helps eliminate vibrations caused by an unbalanced impeller which can significantly curtail the operational life of the blower.

ACCESSORIES

A complete line of accessories is available. See Sheet TBA50-4 for details.



Lighter weight, corrosion resistance and a precise molded involute scroll design are made possible by the fiberglass casing. In addition, the molded rubberized lining provides abrasion resistance greater than steel and a super smooth surface for reduced frictional losses. **Maximum air inlet temperature is 90°C.**

The riveted, heavy gauge aluminum turbine type impeller utilizes a curved blade design which "scoops" air into the blower inlet and improves efficiency.

The turbo blower base is designed to readily accommodate U.S. made 50Hz "T" frame motor or the standard "D" frame 50Hz metric motor.

The simple removal of eight bolts allows the casing and discharge to be rotated to any of seven positions. This rotation can easily be completed without disassembly of the casing.



HAUCK MANUFACTURING COMPANY

P.O. Box 90, Lebanon, PA 17042
717-272-3051 Fax: 717-273-9882

In Canada: Thermix, Inc.

Phone: 514-695-0681 Fax: 514-695-1513 (Montreal)
Phone: 905-634-3773 Fax: 905-634-5959 (Burlington)