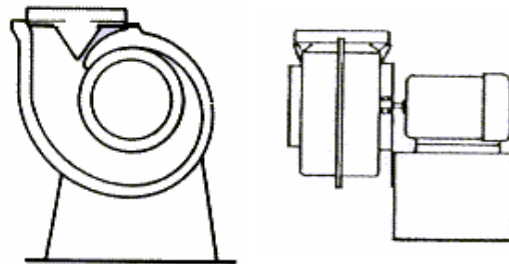




Laboratory Exhaust
CENTRIFUGAL FAN

HPC – 0800 Direct Drive



GENERAL DESCRIPTION

The HPC 0800/ Direct Fan provide excellent efficiency in removing vapors and corrosive fumes in varying environmental conditions. The housing is molded fiberglass which insures excellent resistance to chemical and vapors attack as well as minimal friction losses within the fan inlet.

This fan is direct driven by a 1/3 – HP open drip proof motor. The motor has heavy – duty ball bearings to provide dependable operation with minimal maintenance.

Powerful, yet light and compact for ease of installation, this fan will provide outstanding services at an economical price.

RPM PERFORMANCE

The find RPM for the Direct Drive unit, use 1750 RPM from Performance Table on opposite page.

NOTE: The motor will be a 1/3 – HP motor instead of a 1/2 – HP as shown.

-BOTH FANS FEATURE-

8" Inlet / 8" Outlet
Corrosion Resistance
SOLID Fiberglass Housing

Easy Installation
Complete Assembly
Polypropylene Impeller

HEE Environmental Engineering HPC 0800 fans are outstanding in the field of fan design. Aerodynamically designed housing and wheels generate a higher volumetric capacity resulting in reduced horsepower requirements and lower sound levels. Because of the noise deadening characteristics of fiberglass, sound levels are lower than comparative steel or coated steel equipment.

Housing and all internal parts are fabricated from the highest quality, premium polyester resin to assure superior corrosion resistance in a wide variety of chemical applications.

The discharge on both fans can be positioned to allow a variety of discharge locations in a counterclockwise rotation.

The key to the outstanding performance of the fan lies in its aerodynamic design to insure airflow with a minimum of internal losses. Wheel design is all important for it must provide correct blade angles to insure efficient pressure rise and streamline airflow to minimize turbulence and sound levels. The HEE Environmental Engineering HPC 0800 wheel is molded polypropylene, utilizing the highest quality materials to assure the strongest, most reliable wheel construction possible.

The heavy duty steel base is sandblasted to white metal, primed and coated with a highly corrosion resistant vinyl enamel paint.

The nuts, bolts and washers used during the assembly of these fans are corrosion resistant type 304 stainless steel. A complete weather cover, designed to protect the motor, shaft, bearings, sheaves, and steel support base is available. The cover pivots at the rear for complete access to the drive train.



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