



SERIES HKA – GUIDE SPECIFICATION

HARTKOOL FAN

The HartKool Fan shall be manufactured by Hartzell Air Movement, Series HKA. Standard sizes are 18, 24, 32, and 36". The fan shall be a rugged heavy duty industrial design. The fan shall be packaged, completely assembled and ready to install.

The HartKool fan propeller shall be an airfoil design, cast of 319 aluminum alloy in compliance with Federal Specification QQ-A-601E and ASTM B26. The propeller shall be guarded by OSHA approved concentric ring guards, and shall run in a spun orifice for maximum efficiency and concentrated discharge air velocity patterns.

The motor shall be totally enclosed air-over for continuous duty, suitable for operating at 115/230 V, and include an integral grounded cord. Fan models with two speed motors shall include an integral speed switch. Motors shall be mounted for easy maintenance without specialized tools.

The HartKool fan shall be finished with a glossy powder coat surface coating system.

The fan assembly shall be balanced at the Hartzell factory prior to shipping. Fans shall be balanced in accordance with AMCA Standard 204-96, fan application category BV-2 (comparable to Grade G16). Fans shall be manufactured in accordance with Hartzell's standard quality assurance procedures. Fan performance shall be based on tests conducted in Hartzell's AMCA accredited test laboratory and in accordance with the latest revision of AMCA Standard 230 for air performance and AMCA Standard 300 for sound performance.

ACCESSORIES:

- Low Pressure Mist Kit – Kit shall include corrosion resistant hose, stainless steel clamps, and ULV fog nozzles with filters. Kit shall include all mounting hardware and a female garden hose coupling.
- Mounting Hook – Hook shall be powder coated steel, and shall be sized to hang the fan over a standard 2 x 4, rafter, or purlin.
- Wall/Ceiling Bracket – Bracket shall be designed to permanently mount the fan on a sidewall, or hang it from the ceiling, and shall be powder coated. All mounting hardware, and fan pivoting mechanism, shall be included.
- Wheeled Cart – Cart shall be capable of being moved to position the fan where required. The cart shall include a mounting post to allow the fan to be mounted at the top, as well as an additional bracket to mount a second small fan at a lower height on the post. All cart pieces shall be powder coated. All mounting hardware shall be included.
- Protective Coatings - Other specialty coatings may be available - Consult Factory.
- Motors - Special motors can be furnished upon request.