



Simply the Best

## General Description

The UKA and GKA series of chilled water blowers are available in thirteen sizes covering 750 to 18700 C cfm [1274 to 31775 m<sup>3</sup>/hr]. Each unit has two sections; the coil section which includes chilled water coil and filters; the blower and drive package section which can be either vertical or horizontal supply air discharge.

## Casing

- Constructed of heavy gauge steel sheet and insulated with 1/2" [13mm] thick x 1 1/2 lb per cu.ft [24 kg per cu meter] linacoustic fiberglass.
- Aesthetically coated with powder coating to provide excellent finish, weatherability and corrosion resistance.
- Removable panels on the left and right hand side of the unit to provide access to critical parts and components.

## Cooling Coil

Our coils have been designed and tested to assure maximum efficiency of heat transfer between circulating water and air. The two basic criteria for heat transfer on the airside of the coil have been perfected by fin contour and staggered tube configuration. Coils are circuited to optimize performance and fluid pressure drop limitations. Standard coils are constructed of aluminum fins and 1/2" [13mm] O.D. copper tubes. Casing is made from heavy gauge steel sheet. Each model can be either 3 or 4 rows deep coil. Standard coils are suitable for 250 psig [17 bar] working pressure and are tested under water with 350 psig air pressure. The following are available as options for special applications:

- Pre-coated aluminum fins or copper finned coils
- Higher design working and test pressures
- Custom made coils for heating or cooling

## Drive Package and Blowers

- **GKA 30 to GKA 95**  
Units are equipped with direct driven motor blower, statically and dynamically balanced and operate at low rotation per minute to assure smooth and quiet performance.
- **GKA/UKA 145 to UKA 760** Belt driven drive package offers flexibility on various air flow rate and various static pressure application. Single large diameter double inlet double width blowers (AMCA certified) reduce the noise level and eliminate the need for common transition and eliminate air unbalance.

## Filters

UKA / GKA :UKA-EA :1/2" [13mm] thick washable filters (70% arrestance efficiency). 1" [25mm] thick washable filters (70% arrestance efficiency).