

### ***Typical Specifications for RB Series Inline Plastic Fans***

Supply, exhaust or return air plastic inline fans shall be of the centrifugal, direct-driven type.

### ***Construction & Specifications***

Fan housing shall be constructed of heavy-duty engineered thermoplastic that is durable, corrosion resistant and flame retardant. Internal air turning vanes shall be provided for maximum air performance. Motorized impeller shall be an external rotor type, class B insulation, totally enclosed with permanent split capacitor. Motor shall be a permanently sealed self-lubricating ball bearing type. Motor shall be equipped with automatic reset thermal overload protection. Motor shall be acceptable for continuous duty. Sufficient service factor shall be provided to ensure long maintenance-free operation over maximum load conditions. Motorized impeller shall be both statically and dynamically balanced as one integral unit to provide for vibration free performance.

### ***Performance***

Fan air flow and sound performance shall be certified by HVI and licensed to bear the HVI Certified Ratings seal.

### ***Code Approval***

Fan shall be tested and approved by UL, ETL or equivalent for safety.

### ***Warranty***

Fan shall be fully warranted for a period of no less than five years from the date of purchase.