

Specification

N24 Series Fan

The N24 Series Fan shall be the centrifugal low pressure blower type with a 16 blade modified radial tip and a direct drive motor. The N24 N -Series Model shall have a capacity rated for _____ cfm at _____” static pressure at standard conditions. Operating conditions: _____ degrees F, _____ ft. altitude. The blower free blowing air volume shall be 1413 cfm with a maximum pressure capacity of 6.3” w.g.

Motors shall be 1 HP, (TEFC) with 115V/230V/1ph/60Hz) (nominal 9.4/4.7A) (25mF capacitor); (208V - 230V/460V/3ph/60Hz) (nominal 3.0/1.7A) electrics. Blower wheel shall be direct drive operating at 3600 rpm for single phase and 3440 for three phase.

Blower housing shall be 14 gauge. A polyester epoxy lacquered galvanized sheet metal housing shall provide round outlet for easy flange, pipe or hose connection.

Blower wheel shall be die-cast Silumin (aluminum-silicon), which is non-sparking. To assure smooth operation, wheels shall be balanced by means of material removal only, no balancing weights of any type shall be used. Wheel hub shall be an integral part of the wheel casting. Wheels shall be mounted and locked onto motor shaft by means of a flat washer and hex -head machine screw. All motors shall be continuous duty type and exceed IP54 protection standards.

The Model N24 Fan shall have a very low noise level of less than 68 dB(A) as measured in accordance with ISO 6081.