

# Specification

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## N40 Series Fan

The N40 Series Fan shall be the centrifugal low pressure blower type with a 16 blade modified radial tip impeller and a direct drive motor. The N40, 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 2355 cfm with a maximum pressure capacity of 6.1” w.g.

Motors shall be 3 HP, (TEFC) with (230V/460V/3ph/60Hz) (nominal 8.3/4.8A) (25mF capacitor) electrics. Blower wheel shall be direct drive operating at 3450 rpm.

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 shall have dynamically balanced steel plate impeller.

All motors shall be continuous duty type and exceed IP54 protection standards.