

BLOWER MOTOR
NOMINAL EFFICIENCIES

General

A variety of blower motors from various suppliers are available as factory-installed options. These options are 60 Hz, three phase motors rated for 600 volts or less. Table 1 shows the nominal full load efficiency for each motor option. Premium efficiency motors may be eligible for rebates (utility company, government, etc.).

The high efficiency blower motors meet or exceed the nominal efficiency levels for a NEMA 60 Hz premium efficiency electrical motor rated 600 volts or less.

In addition, all 5 Hp and larger blower motors meet or exceed the nominal efficiency levels for a NEMA 60 Hz premium efficiency electrical motor rated 600 volts or less.

TABLE 1

Motor Efficiency	Horse-power	Voltage	NEMA Designation	NEMA Nominal Efficiency (%)
Std.	1.0	230	56H	82.5
Std.	1.0	460	56H	82.5
Std.	1.0	575	56H	82.5
High	1.0	230	56H	85.5
High	1.0	460	56H	85.5
High	1.0	575	56H	85.5
Std.	1.5	230	56H	84.0
Std.	1.5	460	56H	84.0
Std.	1.5	575	56H	84.0
High	1.5	230	56H	86.5
High	1.5	460	56H	86.5
High	1.5	575	56H	86.5
Std.	2.0	230	56H	84.0
Std.	2.0	460	56H	84.0
Std.	2.0	575	56H	84.0
High	2.0	230	56H	86.5
High	2.0	460	56H	86.5
High	2.0	575	56H	86.5
Std.	3.0	230	56H	86.5
Std.	3.0	460	56H	86.5
Std.	3.0	575	56H	86.5
High	3.0	230	182T	89.5
High	3.0	460	182T	89.5
High	3.0	575	182T	89.5
Std.	5	230	184T	89.5
Std.	5	460	184T	89.5
Std.	5	575	184T	89.5
Std.	7.5	230	213T	91.0
Std.	7.5	460	213T	91.0
Std.	7.5	575	213T	91.0
Std.	10.0	230	215T	91.7
Std.	10.0	460	215T	91.7
Std.	10.0	575	215T	91.7
Std.	15.0	230-460	254T	93.0
Std.	15.0	575	254T	93.0
Std.	20.0	230-460	256T	93.0
Std.	20.0	575	256T	93.0
Std.	25.0	230-460	284T	93.6
Std.	25.0	575	284T	93.6
Std.	30.0	230-460	286T	94.1
Std.	30.0	575	286T	94.1