



VENTILATING FANS

Wheel Diameter 73" Limit Load H.P. = 488.8 x (R.P.M. / 1000)^3 Outlet Area 30.64 sq. ft. inside.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 1/4" to 1 3/4".

Table with columns for CFM, OV, and various SP (Static Pressure) values from 2" to 6" SP.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 6 1/2" to 12" SP.

Wheel Diameter 80 3/4" Limit Load H.P. = 809.5 x (R.P.M. / 1000)^3 Outlet Area 37.49 sq. ft. inside.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 1/4" to 1 3/4".

Table with columns for CFM, OV, and various SP (Static Pressure) values from 2" to 6" SP.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 6 1/2" to 12" SP.

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I — Black on White, Class II — Black on Light Blue, Class III — Black on Dark Blue. The performance shown is for standard BL-AEROFOIL fans with outlet ducts (with or without inlet ducts). Ratings are based upon tests of AMCA Arrangement 1, single inlet fans. BHP does not include drive losses.

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I — Black on White, Class II — Black on Light Blue, Class III — Black on Dark Blue. The performance shown is for standard BL-AEROFOIL fans with outlet ducts (with or without inlet ducts). Ratings are based upon tests of AMCA Arrangement 1, single inlet fans. BHP does not include drive losses.

1780  
SINGLE INLET

BL-AEROFOIL



Limit-Load  
REG. U.S. PAT. OFF.

Wheel Diameter 89" Limit Load H.P. = 1317 x (R.P.M./1000)<sup>3</sup> Outlet Area 45.54 sq. ft. inside.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 1/4" to 1 3/4".

Table with columns for CFM, OV, and various SP (Static Pressure) values from 2" to 6".

Table with columns for CFM, OV, and various SP (Static Pressure) values from 6 1/2" to 12".

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I — Black on White, Class II — Black on Light Blue, Class III — Black on Dark Blue. The performance shown is for standard BL-AEROFOIL fans with outlet ducts (with or without inlet ducts). Ratings are based upon tests of AMCA Arrangement 1, single inlet fans. BHP does not include drive losses.

VENTILATING FANS

BL-AEROFOIL

1320  
SINGLE INLET

Wheel Diameter 66" Limit Load H.P. = 295.3 x (R.P.M./1000)<sup>3</sup> Outlet Area 25.05 sq. ft. inside.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 1/4" to 1 3/4".

Table with columns for CFM, OV, and various SP (Static Pressure) values from 2" to 6".

Table with columns for CFM, OV, and various SP (Static Pressure) values from 6 1/2" to 12".

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I — Black on White, Class II — Black on Light Blue, Class III — Black on Dark Blue. The performance shown is for standard BL-AEROFOIL fans with outlet ducts (with or without inlet ducts). Ratings are based upon tests of AMCA Arrangement 1, single inlet fans. BHP does not include drive losses.



VENTILATING FANS

Wheel Diameter 60" Limit Load H.P. = 183.4 x (R.P.M. / 1000)^3 Outlet Area 20.70sq. ft. inside.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 1/4" to 1 3/4".

Table with columns for CFM, OV, and various SP (Static Pressure) values from 2" to 6" SP.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 6 1/2" to 12" SP.

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I — Black on White, Class II — Black on Light Blue, Class III — Black on Dark Blue.

Wheel Diameter 98 1/4" Limit Load H.P. = 2159 x (R.P.M. / 1000)^3 Outlet Area 55.50sq. ft. inside.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 1/4" to 1 3/4".

Table with columns for CFM, OV, and various SP (Static Pressure) values from 2" to 6" SP.

Table with columns for CFM, OV, and various SP (Static Pressure) values from 6 1/2" to 12" SP.

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I — Black on White, Class II — Black on Light Blue, Class III — Black on Dark Blue.



VENTILATING FANS

Wheel Diameter 108 3/4" Limit Load H.P. = 3587 x (R.P.M. / 1000)^3 Outlet Area 68.00sq. ft. inside.

Table with 11 columns for fan sizes (1/4" SP to 1 3/4" SP) and 2 columns for CFM and OV. Rows list CFM and OV values with corresponding RPM and BHP.

Table with 11 columns for fan sizes (2" SP to 6" SP) and 2 columns for CFM and OV. Rows list CFM and OV values with corresponding RPM and BHP.

Table with 11 columns for fan sizes (6 1/2" SP to 12" SP) and 2 columns for CFM and OV. Rows list CFM and OV values with corresponding RPM and BHP.

Wheel Diameter 54 3/4" Limit Load H.P. = 110.8 x (R.P.M. / 1000)^3 Outlet Area 16.92 sq. ft. inside.

Table with 11 columns for fan sizes (1/4" SP to 1 3/4" SP) and 2 columns for CFM and OV. Rows list CFM and OV values with corresponding RPM and BHP.

Table with 11 columns for fan sizes (2" SP to 6" SP) and 2 columns for CFM and OV. Rows list CFM and OV values with corresponding RPM and BHP.

Table with 11 columns for fan sizes (6 1/2" SP to 12" SP) and 2 columns for CFM and OV. Rows list CFM and OV values with corresponding RPM and BHP.

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I — Black on White, Class II — Black on Light Blue, Class III — Black on Dark Blue. The performance shown is for standard BL-AEROFOIL fans with outlet ducts (with or without inlet ducts). Ratings are based upon tests of AMCA Arrangement 1, single inlet fans. BHP does not include drive losses.

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I — Black on White, Class II — Black on Light Blue, Class III — Black on Dark Blue. The performance shown is for standard BL-AEROFOIL fans with outlet ducts (with or without inlet ducts). Ratings are based upon tests of AMCA Arrangement 1, single inlet fans. BHP does not include drive losses.

980

SINGLE INLET

BL-AEROFOIL



Limit-Load REG. U.S. PAT. OFF.

VENTILATING FANS

TYPE "BL"

365

DOUBLE INLET

Wheel Diameter 49"

Limit Load H.P. = 66.605 x (R.P.M. / 1000)^3

Outlet Area 13.81sq. ft. inside.

Table with 18 columns: CFM, OV, 1/4" SP, 3/8" SP, 1/2" SP, 5/8" SP, 3/4" SP, 7/8" SP, 1" SP, 1 1/4" SP, 1 1/2" SP, 1 3/4" SP. Rows include fan models like 11048, 12429, 13810, etc.

Table with 18 columns: CFM, OV, 2" SP, 2 1/4" SP, 2 1/2" SP, 3" SP, 3 1/2" SP, 4" SP, 4 1/2" SP, 5" SP, 5 1/2" SP, 6" SP. Rows include fan models like 19334, 20715, 22096, etc.

Table with 18 columns: CFM, OV, 6 1/2" SP, 7" SP, 7 1/2" SP, 8" SP, 8 1/2" SP, 9" SP, 9 1/2" SP, 10" SP, 11" SP, 12" SP. Rows include fan models like 30382, 31763, 33144, etc.

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I—Black on White, Class II—Black on Light Blue, Class III—Black on Dark Blue. The performance shown is for standard BL-AEROFOIL fans with outlet ducts (with or without inlet ducts). Ratings are based upon tests of AMCA Arrangement 1, single inlet fans. BHP does not include drive losses.

Wheel Diameter 18 1/4"

Limit Load H.P. = 1.045 x (R.P.M. / 1000)^3

Outlet Area 3.42sq. ft. inside.

Table with 18 columns: CFM, OV, 1/4" SP, 3/8" SP, 1/2" SP, 5/8" SP, 3/4" SP, 7/8" SP, 1" SP, 1 1/4" SP, 1 1/2" SP, 1 3/4" SP. Rows include fan models like 2736, 3078, 3420, etc.

Table with 18 columns: CFM, OV, 2" SP, 2 1/4" SP, 2 1/2" SP, 3" SP, 3 1/2" SP, 4" SP, 4 1/2" SP, 5" SP, 5 1/2" SP, 6" SP. Rows include fan models like 4788, 5130, 5472, etc.

Table with 18 columns: CFM, OV, 6 1/2" SP, 7" SP, 7 1/2" SP, 8" SP, 8 1/2" SP, 9" SP, 9 1/2" SP, 10" SP, 11" SP, 12" SP. Rows include fan models like 7524, 7866, 8208, etc.

Ratings are at 70° F. and 29.92" barometer. Ratings: Class I—Black on White, Class II—Black on Light Blue, Class III—Black on Dark Blue. The performance shown is for standard TYPE "BL" fans with outlet ducts (with or without inlet ducts). Ratings are based upon tests of AMCA Arrangement 3, double inlet fans. BHP does not include drive losses.