

KX645

6" Kitchen Exhaust Louver

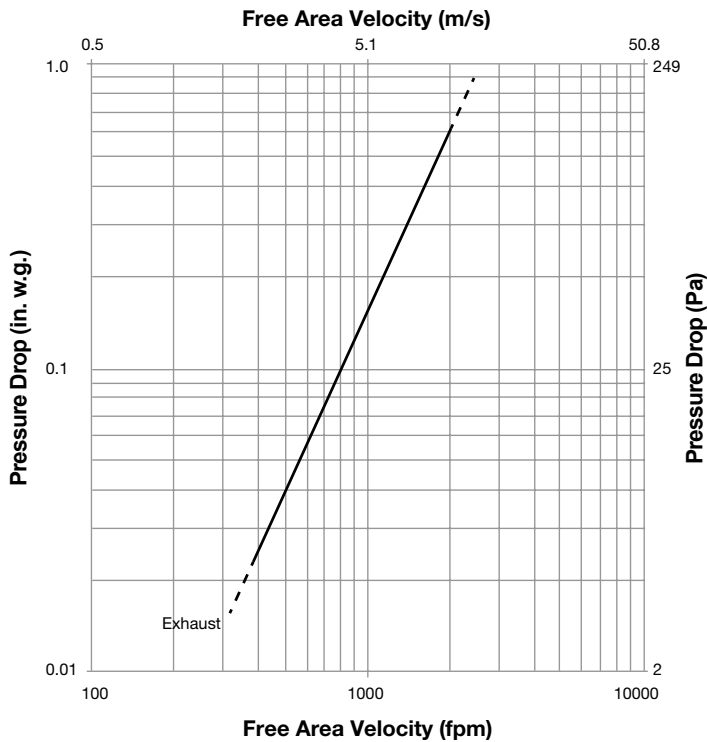
PERFORMANCE DATA

AIR PERFORMANCE

Standard Air 0.075 lb/ft³ (1.2 kg/m³)

Louver Test Size 48" x 48" (1219 mm x 1219 mm)

(AMCA 500-L Test Figure 5.5)



Price Industries Limited certifies that the KX645 is licensed to bear the AMCA Seal. The ratings shown as based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance.

Air performance is established from measurements of the pressure differential across the louver at various free area velocities under laboratory conditions. Ratings shown do not include the effect of bird screens or other accessories.

Free area velocities (shown) are greater in magnitude than overall face area velocities for a given volumetric flow rate.

FREE AREA – ft² (m²)

Section Height in. (mm)	Section Width in. (mm)										
	12 (300)	18 (450)	24 (600)	30 (750)	36 (900)	42 (1050)	48 (1200)	54 (1350)	60 (1500)	66 (1700)	72 (1850)
12 (300)	0.21 (0.02)	0.35 (0.03)	0.49 (0.05)	0.63 (0.06)	0.77 (0.07)	0.91 (0.08)	1.05 (0.1)	1.17 (0.11)	1.31 (0.12)	1.45 (0.13)	1.59 (0.15)
18 (450)	0.43 (0.04)	0.71 (0.07)	0.99 (0.09)	1.28 (0.12)	1.56 (0.15)	1.85 (0.17)	2.13 (0.2)	2.37 (0.22)	2.65 (0.25)	2.94 (0.27)	3.22 (0.30)
24 (600)	0.64 (0.06)	1.07 (0.1)	1.50 (0.14)	1.93 (0.18)	2.35 (0.22)	2.78 (0.26)	3.21 (0.3)	3.56 (0.33)	3.99 (0.37)	4.42 (0.41)	4.85 (0.45)
30 (750)	0.86 (0.08)	1.43 (0.13)	2.00 (0.19)	2.57 (0.24)	3.14 (0.29)	3.72 (0.35)	4.29 (0.4)	4.76 (0.44)	5.33 (0.50)	5.91 (0.55)	6.48 (0.60)
36 (900)	1.07 (0.10)	1.79 (0.17)	2.50 (0.23)	3.22 (0.3)	3.93 (0.37)	4.65 (0.43)	5.36 (0.5)	5.96 (0.55)	6.68 (0.62)	7.39 (0.69)	8.11 (0.75)
42 (1050)	1.29 (0.12)	2.15 (0.2)	3.01 (0.28)	3.87 (0.36)	4.72 (0.44)	5.58 (0.52)	6.44 (0.6)	7.16 (0.67)	8.02 (0.74)	8.88 (0.82)	9.74 (0.90)
48 (1200)	1.50 (0.14)	2.51 (0.23)	3.51 (0.33)	4.51 (0.42)	5.52 (0.51)	6.52 (0.61)	7.52 (0.7)	8.36 (0.78)	9.36 (0.87)	10.36 (0.96)	11.36 (1.06)
54 (1350)	1.72 (0.16)	2.87 (0.27)	4.01 (0.37)	5.16 (0.48)	6.31 (0.59)	7.45 (0.69)	8.60 (0.8)	9.55 (0.89)	10.70 (0.99)	11.85 (1.10)	12.99 (1.21)
60 (1500)	1.94 (0.18)	3.23 (0.3)	4.52 (0.42)	5.81 (0.54)	7.10 (0.66)	8.39 (0.78)	9.68 (0.9)	10.75 (1.00)	12.04 (1.12)	13.33 (1.24)	14.62 (1.36)
66 (1700)	2.15 (0.20)	3.59 (0.33)	5.02 (0.47)	6.45 (0.6)	7.89 (0.73)	9.32 (0.87)	10.76 (1)	11.95 (1.11)	13.38 (1.24)	14.82 (1.38)	16.25 (1.51)
72 (1850)	2.37 (0.22)	3.94 (0.37)	5.52 (0.51)	7.10 (0.66)	8.68 (0.81)	10.26 (0.95)	11.83 (1.1)	13.15 (1.22)	14.73 (1.37)	16.30 (1.51)	17.88 (1.66)

Free area is the sum of space on a louver through which air can pass (i.e. between blades, frames and other airflow obstructions). The standard comparison size for Louver Free Area is 48" wide x 48" high. The ratio of free area to face area is typically expressed as a percentage and varies with louver sizes. All values reflect section sizes – louvers can be ordered at any larger size and will be provided in multiple sections wide and/or high.