

SERIES HLC-LFD PERFORMANCE DATA

HLC-LFD

CFM Per Square Foot	16% Free Area		23% Free Area		51% Free Area	
	Ps	NC	Ps	NC	Ps	NC
20	.012	<15	.010	<15	.004	<15
30	.024	<15	.021	<15	.010	<15
40	.043	19	.038	18	.017	<15
50	.067	22	.060	21	.027	18
60	.094	31	.086	29	.038	22
70	.129	37	.117	35	.052	24
80	.168	40	.152	38	.068	30
90	.213	42	.193	40	.086	35
100	-	-	-	-	.107	39

PERFORMANCE NOTES FOR SERIES HLC-LFD

All data is tested in accordance with ANSI/ASHRAE 70 and 113.

DEFINITION OF UNITS

Ps Static pressure loss through the diffuser and does not include velocity pressure

NC Based on L_w re: 10^{-12} watt, includes 10 dB room attenuation and a maximum inlet velocity of 500 fpm

CFM Cubic Feet per Minute (air)

fpm Velocity of airstream in Feet per Minute