

Air Distribution Duct Sizing & Design Chart For Ducted Applications

Return Air Cover Model	3105007.XXX 3105035.XXX
Roof Cavity Depth	2.0 In. Min. - 5-1/2 In. Max.
Duct Cross Sectional Area	21.0 Sq. In. Min.
Duct Size Depth Width Total Duct Length Duct Length (short run)	1-1/2 In. Min. - 2-1/2 In. Max. 7.0 In. Min. - 10.0 In. Max. 15.0 Ft. Min. - 40.0 Ft. Max. 1/3 Total Duct Length
Center Duct System (Only) Depth Width Total Duct Length Duct Length (Short Run)	
Register Requirements Number Required Per Run Register Free Air Area Distance From Duct End Distance From Elbow	4 Min. 14.0 Sq. In. 5.0 In. Min. - 8.0 In. Max. 15.0 In.
Total System Static Air Pressure Blower at High Speed, Filter & Grill in Place	0.12 - 0.65 In. W.C.

FIG. 8 Duct Size And Requirements For 3105007.XXX And 3105035.XXX Return Air Cover

