

University of Illinois Department of Agricultural Engineering
Bioenvironmental and Structural Systems Lab
Final Report

Project Number: 14005
Test Date: January 7, 2014

Inlet:

Make- Double L
Model- GC1140
Size- 22.5" x 22.5" opening

Description: All direction ceiling inlet - structural foam housing.

Notes: GC1140 counterweight installed

Test Conditions:

T(wb): 49.5	Barometric pressure, recorded	29.64
T(db): 72.5	Barometric Pressure, corrected	29.52

Static

Pressure (in. H ₂ O)	Airflow (cfm)
0.031	333
0.050	747
0.070	1210
0.100	1659
0.126	1868
0.150	2046
0.200	2360
0.251	2680