

Department of Agricultural Engineering

Fan

Series/Test: ____/____

File Name: _____

Motor

Model #: K37HXBBC-413

Serial #:

H.P.: 1/6

Amps: 1.6

Volts: 230

RPM: 3400

[illegible]

Housing

Material: fiberglass

Intake Area: 10.9"x10.9"

17.4" bottom

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Guards

Description: plastic coated

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wire
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Spacing: 1" concentric

Location: exhaust

TEST RESULTS

RAYDOT FW-1013

Test: 91101	Static Pressure <u>in. water</u>	Speed <u>rpm</u>	Airflow <u>cfm</u>	Efficiency <u>cfm/Watt</u>
	0.00	3421	1263	4.2
Fan description:	0.05	3420	1244	4.1
10" direct drive, 1/6 hp Emerson K37HXBBC-413	0.10	3417	1220	3.9
motor, fiberglass housing, plastic shutter	0.15	3415	1195	3.8
and guard	0.20	3409	1170	3.7
	0.25	3408	1140	3.6
	0.30	3402	1110	3.4