SUBMITTAL

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/01/17

Job Title: **123 WASHINGTON**

Contractor: HVAC SERVICES
Elevation: (ft) 62
Date: 5/18/2017
Submitted By: Jeff Berry

BUCKLEY ASSOCIATES INC
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GREENHECK
Building Value in Air.

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Model: G-085-D

Direct Drive Centrifugal Roof Exhaust Fan

*Overall height may be greater depending on motor

Dimensional	
Quantity	1
Weight w/o Acc's (lb)	22
Weight w/ Acc's (lb)	25
Roof Opening (in.)	12.5 x 12.5

Performance	
Requested Volume (CFM)	400
Actual Volume (CFM)	400
External SP (in. wg)	0.25
Total SP (in. wg)	0.25
Fan RPM	1415
Operating Power (hp)	0.04
Elevation (ft)	62
Airstream Temp.(F)	70
Air Density (lb/ft3)	0.075
Tip Speed (ft/min)	4,029
Static Eff. (%)	37

Motor	
Motor Mounted	Yes
Size (hp)	1/20 (or greater)
Voltage/Cycle/Phase	115/60/1
Enclosure	ODP
Motor RPM	1550
Windings	1

Operating Bhp point
Operating point at Total SP
Operating point at External SP
Fan curve
System curve
Brake horsepower curve

Sound Power by Octave Band

Sound Data	62.5	125	250	500	1000	2000	4000	8000	LwA	dBA	Sones
Inlet	63	71	67	59	56	54	49	40	64	52	6.2

Notes:

All dimensions shown are in units of in.
*Please consult factory for actual motor amp draw
LwA - A weighted sound power level, based on ANSI S1.4
dBA - A weighted sound pressure level, based on 11.5 dB attenuation per Octave band at 5 ft - dBA levels are not licensed by AMCA International
Sones - calculated using AMCA 301 at 5 ft

amca WORLDWIDE CERTIFIED RATINGS
SOUND AND AIR PERFORMANCE
AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC.
www.amca.org

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Standard Construction Features:

- Aluminum housing - Backward inclined wheel - Aluminum curb cap with prepunched mounting holes - Birdscreen - Ball bearing motors (sizes 100-180), sleeve bearing motors (sizes 60-95) - Motor isolated on shock mounts - Corrosion resistant fasteners

Selected Options & Accessories:

Motor with Thermal Overload
UL/cUL 705 Listed - "Power Ventilators"
Switch, NEMA-1, Toggle, Shipped with Unit
Junction Box Mounted & Wired
Solid State Speed Control, 6 Amp, Shipped Loose
Unit Warranty: 1 Yr (Standard)