

VENTILATION FAN TEST RESULT REPORT

Customer: EBC Inc. Date: July 29/16
 Attention: Martin Voynaud
 Make and Model: HVT 27 ¼ -17, 40Hp, 3600Rpm 600/60/3
 Asset #: 2016-34506
 Customer Number: 019-1
 Customer P.O.#: 00070917
 Blade Series / Type: 1000
 Blade Condition: New
 Blade Setting & Degree: #9 or 14°
 Motor Supplier: Baldor
 Test Location: Test Chamber
 Temperature: 25° C
 Amperage draw no load: 10.0 / 10.0 / 9.9 @ 600 V
 Amperage draw with load: 22.6 / 23.4 / 23.8 @ 600 V
 Vibration Readings: 0.4 RMS Vertical
0.5 RMS Horizontal
0.6 RMS Axial

dBA Readings						Vibration			
#	Model	Feet	Freq. Weight	dB	Range	Hz	Vertical	Horizontal	Axial
1	1/3 Oct	Side 5'	LA	102.0	60-130	30	0.2	0.2	0.4
2		Side 10'		98.4		35	0.3	0.6	0.3
3		Side 20'		94.6		40	0.3	0.3	0.4
4		Front 5'		109.9		45	0.2	0.4	0.4
5		Front 10'		108.1		50	0.2	0.4	0.4
6		Front 20'		104.2		55	0.4	0.4	0.4
* ASTERISK MARKS STATE CRITICAL VIBRATION ZONES *						60	0.5	0.4	0.6

Signature: Robert Guitard / dg

NOTE: Amperage draw with load consists of fan test at maximum or desired blade setting, discharging in free atmosphere. Vibration readings are taken under the same conditions. Sound level readings taken with TES 1358 Sound Analyzer