

# Sound Power Level Test Data

## Port-A-Cool® Portable Evaporative Cooling Units

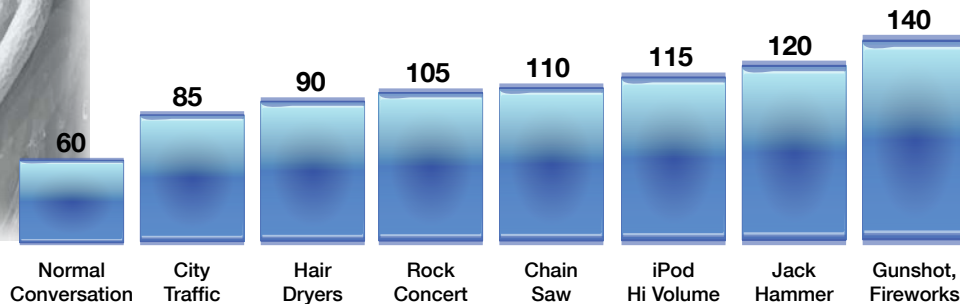
The following data was collected from testing conducted in strict Intertek laboratory conditions by certified experts on new, unused Port-A-Cool® units as listed below. Laboratory methods used are in compliance with ANSI S12.51-2012/ISO 3741:2010. Intertek Acoustical Facilities utilizes a 16,640 cu. ft. reverberation room which has been qualified for testing to the above standard. The reference sound source used for these tests was a calibrated B & K Type 4204, which conforms to the above standards. According to the results of these tests, all Port-A-Cool® models fall below permissible noise levels of 90 dBA over an eight hour period recommended by the U.S. Department of Labor, the Occupational Safety and Health Administration, and The National Campaign for Hearing Health.

Model	Sound Power			Test Conditions (at 115v)					
	dBA Low	dBA Med	dBA High	Amps Low	Amps Med	Amps High	Watts Low	Watts Med	Watts High
48" two speed	77.8	NA	81.9	9.3	NA	11.6	860	NA	1060
36" three speed	71.5	73.7	82.7	7.8	8.3	10.9	490	560	860
36" variable speed	63.8	NA	82.5	9.2	NA	11.1	530	NA	1010
24" variable speed	65.6	NA	80.1	8.2	NA	7.6	450	NA	580
16" three speed	71.4	77.0	79.6	3.1	3.5	3.8	288	322	417
16" variable speed	66.5	NA	81.2	4.96	NA	3.66	237	NA	367
Cyclone 3000 series	76.4	NA	78.4	2.63	NA	3.60	241	NA	378
Cyclone 2000 series	69.6	NA	75.5	1.56	NA	2.16	133	NA	220



## How Loud is Too Loud?

According to information provided by the U.S. Department of Labor, exposure to sound levels with decibels (dBA) over 90 should be limited to 8 hours or less. To avoid hearing loss, they also recommend avoiding exposure to dBA over 140 beyond impact noise in industrial settings.



For more information  
 call 936-598-5651  
 or visit  
[www.port-a-cool.com](http://www.port-a-cool.com)