

**Packaged Air Cooled Chiller System
Sound Pressure Levels**
Chilstar™, MA Series, CA Series Chiller Systems



Compare To	Level	HERMETIC COMPRESSOR PACKAGED AIR COOLED CHILLER SYSTEMS						SEMI-HERMETIC COMPRESSOR PACKAGED AIR COOLED											
Jet aircraft, 50 m away	140																		
Threshold of pain	130																		
Threshold of discomfort	120																		
Chainsaw, 1 m distance	110																		
Disco, 1 m from speaker	100																		
Diesel Truck 10 m away	90																		
Curbside of Busy Road, 5 m	80				80	80	83					81.2					80.4		
Vacuum Cleaner, 1 m	70			76	79	77			72.6	73.6	76.8	75.5	78.4	78.3			77.4		
Conversational Speech, 1m	60	65	63							69.7									
Average Home	50																		
Quiet Library	40																		
Quiet Bedroom at Night	30																		
Background in TV Studio	20																		
Rustling Leaves	10																		
Threshold of hearing	0																		
		2 HP	3 HP	Single	Dual	Single	Dual	Single	Dual	Single	Dual	Single	Dual	Single	Dual	Single	Dual	Single	Dual
				5 HP		7.5 HP		12 HP		10 HP		20 HP		30 HP		40 HP		50 HP	

The levels listed for the chiller systems is based on a 1 meter distance from the equipment.
The sound levels will reduce dramatically at distance greater than 3 feet.

If more information is required, please contact Pro Refrigeration, Inc. Technical Support Department at (800) - 845-7781

Factors such as temperature, humidity, altitude, & equipment age can affect the measured dB ratings of equipment.
The data in this chart is for informational purposes only and is subject to change based on any of the above factors.