

COMPETITIVE ADVANTAGE

sound pressure data models HD, HDS, and PTS



Some Notes on Sound Pressure Data

The sound pressure around a piece of equipment depends on a number of variables including building construction materials, size of building, location of equipment, as well as the proximity of the listener to the equipment within the three physical dimensions surrounding the equipment. Manufacturers sometimes indicate the sound pressure level of their products, expressed in dBA, with a lower number indicating a lower sound level. These values should only be used to compare noise levels of similar types of equipment at the same distance and in the same environment. Do not assume that the dBA levels shown in the performance data will in any way be similar to those achieved in practice. Since manufacturers have no idea where their equipment or the listener will be located, they are not in a position to calculate sound pressure levels for most applications. Data presented in this document is for general reference only and in no way constitutes a guarantee of actual performance.

Table 1.1
Model HD/HDS Sound Pressure Level (dBA) ①

Model Size	Modine	Competitor ②
	5 ft.	5 ft.
30	53	59
45	57	59
60	59	59
75	58	69

Table 1.2
Model HD/HDS, PTS Sound Pressure Level (dBA) ①

Model Size	Modine		Competitor ②	
	10 ft.	15 ft.	10 ft.	15 ft.
100	50	48	58	54
125	58	57	59	55
150	52	50	55	51
175	55	53	55	52
200	53	51	56	53
250	62	60	59	56
300	66	64	62	59
350	69	67	64	61
400	69	67	65	62

① Measured at distance from unit shown.

② Competitor published data.

Modine Manufacturing Company has a continuous product improvement program,
and therefore reserves the right to change design and specifications without notice.