

### AHRI Directory of Certified Performance

AHRI Rating Data			Inlet Size	6" Inlet	8" Inlet	10" Inlet	12" Inlet														
Standard Ratings Sound Power Level, dB	3. Airflow, cfm			147	262	409	589														
	4. Min. Operating Pressure, in H <sub>2</sub> O			0.091	0.108	0.142	0.204														
	5. Max. Inlet Static Pressure @ 400 fpm Neck Velocity, in H <sub>2</sub> O			0.116	0.196	0.392	0.565														
	6. Rated with Pressure Relief, yes/no			n	n	n	n														
	Discharge	Standard Airflow Fully open damper 750 fpm Neck Velocity	Minimum Differential Static Pressure, in H <sub>2</sub> O	Hz Octave Band Center Frequency	125	36	38	46	53												
					250	37	40	48	56												
					500	34	36	42	50												
					1000	30	34	39	44												
					2000	21	29	32	36												
					4000	+	19	23	28												
	Discharge	Standard Airflow Throttled Damper 400 fpm Neck Velocity	Max. Inlet Static Pressure, in H <sub>2</sub> O	Hz Octave Band Center Frequency	125	+	44	46	50												
					250	36	52	54	55												
					500	40	57	58	60												
					1000	34	51	55	58												
2000					23	44	48	52													
4000					+	37	42	47													
<p>Note: Sound Power levels below values shown in this table shall be listed as below significance. Use a plus sign (+) to indicate below significance.</p> <table border="1"> <thead> <tr> <th>Hz Octave Band</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Sound Power Level, dB</td> <td>36</td> <td>29</td> <td>26</td> <td>22</td> <td>19</td> <td>17</td> </tr> </tbody> </table>								Hz Octave Band	125	250	500	1000	2000	4000	Sound Power Level, dB	36	29	26	22	19	17
Hz Octave Band	125	250	500	1000	2000	4000															
Sound Power Level, dB	36	29	26	22	19	17															

Performance data is presented for the T<sub>3</sub>SQ diffuser with the internal VAV damper in full open position