



**RTU NOISE REDUCTION SYSTEM**

HUSHCORE® **STANDARD™ SL** RTU Noise Reduction System:

- a. Shall consist of HUSH COVER™ Removable Acoustical Blankets
  - 1. A composite of acoustical barriers and absorbers with a finished surface mass of 3 lbs. per sq. ft.
  - 2. Complete coverage of SCROLL compressors ONLY for the specified RTU.
  - 3. The covers shall be connected together by means of cloth straps with “D” rings and Velcro fasteners.
  - 4. Stainless steel wire tie fastening assemblies are not acceptable.
- b. The complete system shall meet RTU manufacturers published data pertaining to heat loss of compressors, condenser fan airflow, and ensure no “de-rating” of RTU performance.
- c. The complete system shall meet all environmental conditions such as temperature, wind, shrinkage, UV-rays, and moisture.
- d. OEM Factory Acoustical Packages by the RTU Manufacturer are not acceptable.
- e. Products and Systems shall be by BRD Noise and Vibration Control, Inc., Wind Gap, PA - (610) 863-6300, [www.HUSHCORE.net](http://www.HUSHCORE.net).

**ACOUSTICAL PERFORMANCE**

- a. To assure optimized aerodynamic and acoustic performance as well as proper integration and coordination of the final installation, the HUSHCORE® System shall be supplied by the RTU unit manufacturer as part of a complete package.
- b. All Noise Control Materials Manufacturer's shall deliver a complete submittal of the HUSHCORE® System in compliance with the acoustical performance as listed in this specification. Please contact BRD Noise and Vibration Control, Inc. (610) 863-6300 for acoustical compliance and noise reductions as listed below for the applicable project.
  - 1. When operating at worst case noise conditions, the RTU with prescribed noise treatments shall not exceed [            ] dBA at a distance of [            ].
  - 2. RTU Sound Power (Lw), including the specified HUSHCORE® System, shall not exceed the following octave band sound levels:

Freq. (Hz)	<u>63</u>	<u>125</u>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>2000</u>	<u>4000</u>	<u>8000</u>
Sound Power (Lw)	[    ]	[    ]	[    ]	[    ]	[    ]	[    ]	[    ]	[    ]

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**RTU NOISE CONTROL DETAIL**