



PERSPECTIVES

Newsletter

Issue 10-10
December 2010



Elite Air Systems is proud to announce the addition of Krueger to our product offering. Krueger is one of the industry's most respected names, and is synonymous with innovations in specialty products for clean environments, operating room applications as well as

a broad line of commercial and architectural products. Krueger's products include terminal units, grills and registers, chilled beams, displacement ventilation, and raised floor products.

ENGINEERING TOOLS

K-Select provides you with a terminal and GRD selection program that incorporates powerful engineering tools to provide a design reference that can save significant time in the design of a building's HVAC system.

Grilles, Registers, & Diffusers

- Select by calculating performance at the required design point.
- Select by the room's design using ADPI.
- Select by ADPI selection at a CFM performance point based off a given room area, cooling delta-T, and characteristic length.

Terminal Units

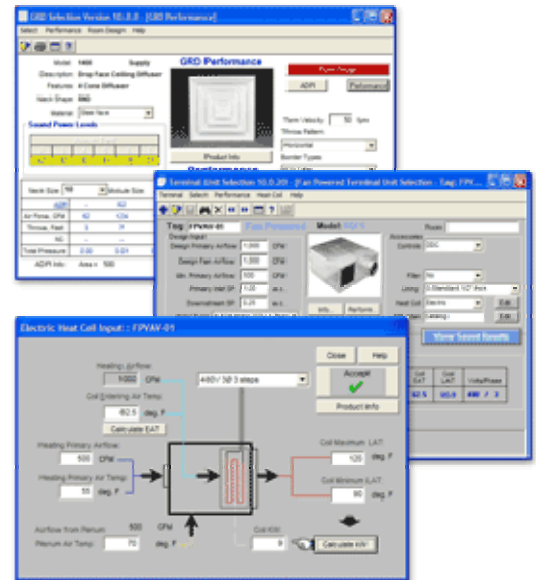
- Radiated & Discharge Sound Power by Octave Band.
- Acoustic calculator (based upon ARI's standard 885-98).
- Minimum static pressure caused by the VAV unit (Min. delta-Ps = box with damper @ full open Ps + coil Ps) at design CFM.
- Static pressure drop across VAV box (delta-Ps = inlet Ps - downstream Ps - coil Ps) Hot Water Coil selection and performance information.
- Electric Heat selection and performance information.

Reports & Printouts

- NC (noise criteria) based off room absorption of 10 dB, re 10-12 watts.
- Neck velocity and total pressure at a given CFM.
- ADPI values at any given performance point that results in an ADPI greater than 70. Throw at any required terminal velocity.

Revit Blocks

- Single Duct Terminal Units (Basic units and units with electric heat and hot water)
- Fan Powered Terminal Units (Basic units and units with electric heat and hot water)



ENGINEERING WEBINARS

Periodic engineer webinars are offered for CEU credits. The schedule and registration for these webinars as well as links to all the other tools are available at

www.Krueger-HVAC.com

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