



Press Release

HTRI releases *Xchanger Suite 5.0* with new component *Xspe*

College Station, Texas, USA — August 1, 2006

Heat Transfer Research, Inc. (HTRI) announces the release of *Xchanger Suite*[®] 5.0. Our members can now benefit from the latest addition, *Xspe*[™] for spiral plate heat exchangers. All components of *Xchanger Suite* 5.0—*Xace*[®], *Xfh*[®], *Xhpe*[™], *Xist*[®], *Xjpe*[™], *Xphe*[®], *Xspe*, *Xtlo*[®], and *Xvib*[®]—work together and incorporate native interfaces with process simulator programs to make your job easier.

Xchanger Suite is now even more functional for designing, rating, and simulating heat exchangers, with added support for the CAPE-OPEN Thermodynamic Interface version 1.0.

***Xace* 5.0 — Air coolers and economizers**

- Specify the desired tubepasses in each tuberow in a tabular format
- Automatically generate most bundle layouts from a few values in a single table.

***Xfh* 5.0 — Fired heaters**

- Model box heaters with up to 100 process passes.

***Xist* 5.0 — Shell-and-tube heat exchangers**

- Use a setting plan that automatically generates most bundle layouts from a few values specified in a single table.

***Xphe* 5.0 - Plate-and-frame heat exchangers**

- Generate a scaled line drawing of the plate pack that helps you ensure that the exchanger you model is the exchanger you want.

***Xspe* 5.0 — Spiral plate exchangers**

- Rate and simulate single-phase spiral plate exchangers with this new component that easily handles liquid-liquid applications.

***Xvib* 5.0 - Rigorous tube vibration analysis**

- Review the *Xist* tube layout drawing that now indicates the exact tube modeled.

About HTRI

Heat Transfer Research, Inc. (HTRI) is the global leader in process heat transfer and heat exchanger technology. Founded in 1962, our industrial research and development consortium serves the engineering needs of over 600 corporate member sites. Our staff conducts application-oriented research on industrial-scale equipment at our state-of-the-art facility; we use these proprietary data to develop methods and software for the thermal design and analysis of heat exchangers and fired heaters. We provide technical support to all members and offer training, consulting, and contract services to both members and non-members. Our dedication to excellence assures customers of a distinct competitive advantage and high level of operating confidence in equipment designed with HTRI technology. For more information, visit our website at www.HTRI.net.

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