

# The Luxton-Reed Center

## *Product Showcase*





From our beginnings as a small-scale start-up in 1946 to the multiple companies and brands that comprise Mestek today, our commitment to high quality, innovative and environmentally friendly products has never wavered.

### ***Experience Based Innovation...***

From the introduction of finned-tube baseboard radiation to the first ever condensing cast-iron boiler Mestek companies have always been on the forefront of innovation.

The products showcased here in the Luxton-Reed Center are only a sampling of the broad spectrum covered by Mestek products. From HVAC and Hydronic Heating and Cooling Systems and Control platforms to Metal Forming and Architectural Louvers Mestek has the solution for all HVAC applications.

The Luxton-Reed Center defines, refines and improves products with the measurable and demonstrated the solutions offered by the Mestek family of companies.

We strive to provide energy efficient and environmentally sustainable technologies and technical expertise, with the aim of delivering the most efficient and environmentally friendly solution.

***...This is our planet, too.***

**[www.mestek.com](http://www.mestek.com)**

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## Chilled Beams...

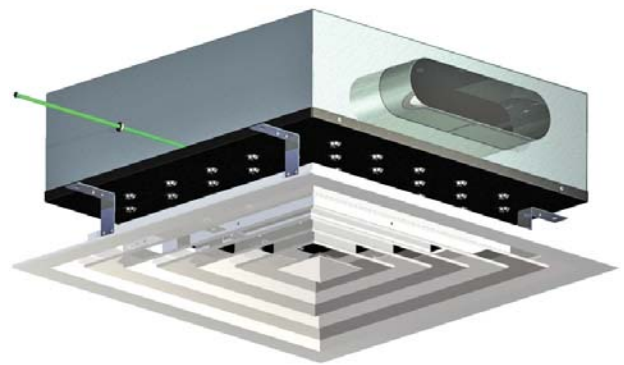
New low profile twin vertical coil active chilled beams avoid all the concerns with using traditional inclined coil beams, without exceeding a height of 11 1/2" (ACB20). All active chilled beams utilize DADANCO's unique nozzle and unit fluid dynamics technology.

This patented technology provides very high air entrainment ratios at low pressure drops and provides superior performance delivered at the lowest noise levels.



## Inffusers...

DADANCO's INFFUSERS are quite simply an 'induction diffuser' that uses special nozzles located in the underside of the air plenum to mix primary air (ducted from the central air handling plant) with secondary air that is induced from either the ceiling return air plenum (via **\*External entrainment**) or room (via **\*Internal entrainment**) to increase the total amount of air delivered to the space.



[www.dadanco.com](http://www.dadanco.com)





## *KN-Series...*

The KN-Series is the first commercial boiler capable of realizing the high efficiencies of condensing applications using a durable cast-iron heat exchanger. KN-Series boilers combine the condition-tolerant, heat-retaining characteristics of cast iron with the energy savings of fully modulating, high-efficiency condensing performance.

Innovation sized to meet the modern day requirements of low fuel utilization, high efficiency, longevity and the small footprint demands of today's condensing commercial boiler market. KN-Series Boilers are available from 200MBH to 3000MBH.

[www.knseries.com](http://www.knseries.com)





## Chillers...

SpacePak Chiller Series, an air-to-water reverse cycle heat pump, offers unmatched flexibility and superior performance for both heating and cooling needs.

Chiller Series units utilize high efficiency condenser coils that are 30% larger than traditional units and offer simple piping and plumbing connections for ease of installation. They are the perfect complement to the SpacePak AirCell or any other hydronic-based terminal distribution device.

SpacePak Chillers are ideal for a variety of applications including residential and commercial installations. It is easily zoned with multiple thermostats keeping energy costs down and refrigerant outside the occupied space.



## AirCell...

AirCell air distribution systems deliver perfectly conditioned air to any occupied space through the use of high efficiency variable speed EC motors and a unique low-temperature hydronic coil design.

AirCell works with any hydronic supply system including boilers, reverse-cycle chillers, heat pumps and geothermal equipment to provide heating, cooling or ventilation.

With ultra-low energy consumption, integrated control platform, and high efficient low-temperature coil, AirCell provides an environmentally friendly solution to heating and cooling needs. AirCell uses over 30% less energy when compared to traditional on/off fan coils while reducing CFC's with little to no air noise.



[www.spacepak.com](http://www.spacepak.com)





## *Unitaire...*

Airtherm offers institutional quality fan coil products with energy efficient ECM operated fans. ECM fan coils use less energy and can adapt to applications that others can't.

Airtherm fan coil units' resilient motor mounts, insulated discharge panels, and EC Motors result in quieter operation than other fan coils and improved controls can interface with both thermostats or BMS.



[www.airthermhvac.com](http://www.airthermhvac.com)





# Applied Air

## *IFL Heating & Cooling...*

Neutral air is ideal for controlling temperature and humidity in a space. Applied Air's new IFL system leverages neutral air to give you unmatched control of indoor air quality; and does so with incredible efficiency that lowers operation costs. The IFL offers high levels of filtration, dehumidification, efficient heating, DDC controls and high static air handling capacity. Factor in durability, affordability and a web-accessible control system, and you have one impressively neutral unit.

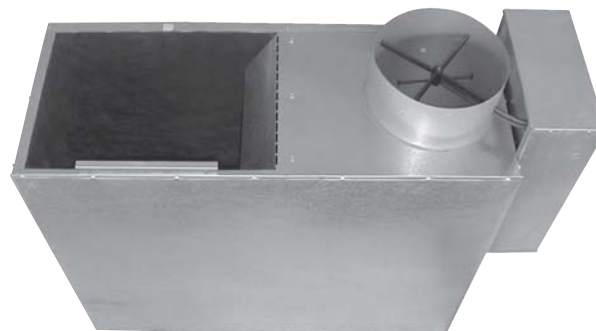


[www.appliedair.com](http://www.appliedair.com)



## *VAV, Grills, Registers & Diffusers...*

Since 1934, the Anemostat name has stood for quality, durability, and reliability. Anemostat produces a complete line of air diffusers, grilles and registers, air terminals and air distribution products for minimum to maximum security environments. Anemostat can also customize products to meet special job requirements.



[www.anemostat-hvac.com](http://www.anemostat-hvac.com)



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**DADANCO®**

A MESTEK COMPANY 

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**Made in the USA**



**DADANCO PRODUCTS**  
are produced in Westfield, MA

