

ABB, New Office Space and a Factory Remodel



ABB is a worldwide company based in Zurich, Switzerland which produces industrial motors and drives among other technologies. In the Milwaukee area, ABB has both production facilities and office space for all five of the company's business units. The factory opened in 1982 and was recently in need of a remodel; JF Ahern and Masters Building Solutions worked together to provide a competitive design/build package.

An energy efficient office space was added and is served by two Daikin RPS units. These VAV Rooftop units come with factory mounted ABB variable frequency drives, a must have for the project.



The factory remodel required a more multifaceted approach. Three Multistack dual quad modules (*see above*) yielding 145 tons, are used for making ice, hot water heat recovery and also comfort cooling.

These modules are perfect for remodels due to the ease of navigating existing access routes, and are also extremely efficient.



Daikin Skyline rooftop units (*see above*) remain a very cost competitive product while retaining their flexibility and effectiveness. In this case, the design team again made use of ABB drives with factory installation. Also, the flexibility of the Skyline units allowed them to include space for Meefog humidifiers within these air handling units.



Meefog humidifiers (controls shown above), while used primarily in the Skyline units, are also found in ductwork for the Office spaces. Meefog systems use high-pressure water fogging technology that humidifies and cools the air without need of steam, producing a highly efficient and reliable system.

www.MastersHVAC.com

Appleton

3912 N Providence Ave
Appleton, WI 54913
Ph: (920) 997-1600
Fax: (920) 997-1601

Chippewa Falls / Eau Claire

1730 Prosperity Court
Chippewa Falls, WI 54729
Ph: (715) 738-1970
Fax: (715) 738-1980

LaCrosse

1219 Caledonia St.
LaCrosse, WI 54603
Ph: (608) 782-7030
Fax (608) 782-7031

Madison

908 Stewart Street
Madison, WI 53713
Ph: (608) 275-7001
Fax: (608) 275-7002

Milwaukee

2241 S. 116th Street
West Allis, WI 53227
Ph: (414) 546-5050
Fax (414) 546-5051