DesignLine
THERMAQUIET®

LOW TEMPERATURE
HIGH EFFICIENCY
HYDRONIC FAN COIL
MEETING TODAY’S GREEN INITIATIVES...

ThermaQuiet®, Designline’s new high efficiency hydronic heating unit brings sleek European styling to any residential or light commercial application including new construction and retrofits.

ThermaQuiet is designed to perfectly complement today’s condensing applications providing superior outputs and performance at reduced supply water temperatures, maximizing equipment performance efficiencies. Whether using a high efficiency boiler, heat pump or even solar hot water supply products, ThermaQuiet’s energy efficient design saves over 35% when compared to traditional hydronic radiation products.

When used in a low temperature application or a traditional 180° hot water supply temperature system ThermaQuiet’s uniquely designed coil produces the most efficient heat distribution on the market today.

ThermaQuiet is the perfect alternative to bulky radiators, expensive in-floor radiant or any other hydronic-based space heating application providing not only superior performance but also style to match any décor.

All units are controlled through a simple to use integrated micro-processor control platform that continuously monitors room temperatures through temperature compensation, minimizing energy consumption while maximizing operating efficiencies.
FEATURES AND BENEFITS

- Attractive Stylish Design
- Solar & Heat Pump Compatible
- Microprocessor Control Platform
- Insta-Heat “Boost” Function
- Diagnostic & Performance LED Indicators
- End Switch for Boiler Activation
- Simple Low Cost Installation
- Cool-Touch Exterior
- Replaces up to 25' of Traditional Baseboard

ThermaQuiet units are available in 2 sizes with output capacity ranges from 3,000 – 14,340 BTU/h. “Insta-Heat”, ThermaQuiet’s override function, allows an immediate override of programmed settings for an instant heat “boost” at the touch of a button. For the summer months the “Insta-Heat” setting override allows for no heat air circulation for passive summer cooling.

EFFICIENT HEAT DISTRIBUTION
An engineered fan design with curved impeller is used as opposed to conventional tangential fans, which just directionally “blow” air. ThermaQuiet’s fan assembly generates pressure equally in all directions for uniform, precise tempered air distribution to the occupied space. Assemblies are perfectly balanced insuring silent operation for the life of the unit.

COMFORT AT YOUR FINGERTIPS
ThermaQuiet’s proprietary micro-processor control platform allows for custom setting overrides and LED light indicators provide immediate performance feedback.

GREEN...
ThermaQuiet is GREEN and extremely efficient. Incorporating the ThermaQuiet into any condensing boiler application allows boilers to run at optimal efficiencies. ThermaQuiet’s low draw electrical configuration further promotes extreme efficiency. Standard units consume between 8-34 watts, which is equivalent to that of a small reading lamp!
### SPECIFICATIONS

**DL65-WM**

- **Low**
  - CFM: 260
  - Voltage: 115
  - AMP: .64
  - dBa: 22
- **Medium**
  - CFM: 356
  - Voltage: 115
  - AMP: 1.74
  - dBa: 33
  - Velocity (ft/sec): 1.31
- **Boost**
  - CFM: 556
  - Voltage: 115
  - AMP: 2.3
  - dBa: 43
  - Velocity (ft/sec): 3.0

**DL145-WM**

- **Low**
  - CFM: 780
  - Voltage: 230
  - AMP: .64
  - dBa: 22
- **Medium**
  - CFM: 1185
  - Voltage: 230
  - AMP: 1.74
  - dBa: 33
- **Boost**
  - CFM: 1645
  - Voltage: 230
  - AMP: 2.3
  - dBa: 43

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**Entering Water Temperature (°F)**

- **DL65-WM**
  - Low: 1402 GPM
  - Medium: 2049 GPM
  - Boost: 2516 GPM

- **DL145-WM**
  - Low: 3152 GPM
  - Medium: 4923 GPM
  - Boost: 5805 GPM

**BTU/hr Output based on 65° entering air.**

- **DL65-WM**
  - Low: 1402 GPM
  - Medium: 2049 GPM
  - Boost: 2516 GPM

- **DL145-WM**
  - Low: 3152 GPM
  - Medium: 4923 GPM
  - Boost: 5805 GPM

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In the interest of product improvement we reserve the right to make product changes without notice.