

**AIREDALE**

## RAISE YOUR ENVIRONMENTAL STANDARDS.

The newly developed SchoolMate® High Efficiency (HE) is designed to provide a healthy and safe learning environment. It incorporates the use of the environmentally friendly R410a refrigerant and many other features, including:

- EC Motor
- Improved energy efficiency rating
- Two stage compressor

The SchoolMate HE is now available in six capacities, from 2 to 5 nominal cooling tons in one cabinet size.



**AIREDALE**

A **MODINE** Company

**Modine Manufacturing Company**

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**SchoolMate® HE**  
**Water/Ground Source**  
**Heat Pump**

## RAISE YOUR COMFORT LEVEL.

# YEAR-ROUND COMFORT.

Whether you are looking for a water source or ground source heat pump school unit, the SchoolMate® HE is your answer. Available in model sizes of 2, 2.5, 3, 3.5, 4, and 5 Nominal Cooling Tons, components are all packed into a single cabinet size.

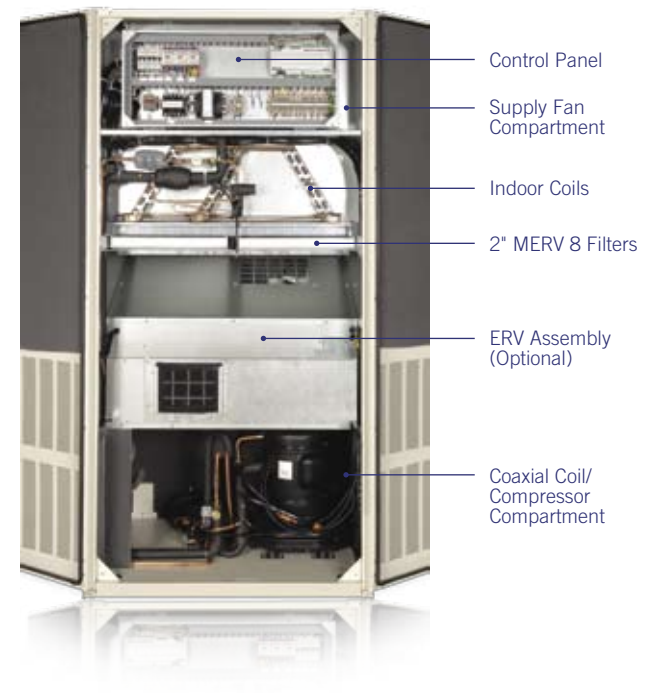
The water source units use the building's heating and cooling system to provide energy savings in the spring and fall.

Ground source units use the natural heat sink of the earth for maximum energy efficiency.

And for statutory outside air ventilation requirements, the SchoolMate HE has an on-board energy recovery ventilation system (ERV), complete with adjustable speed fans and enthalpy wheel.

## STANDARD FEATURES

- Self-contained air conditioning/heat pump
- Hermetic two-speed scroll compressor — Classrooms that need just a small boost of heat/cool can do so under less load, running more efficiently
- 2" Filters, MERV 8 rated
- Aluminized steel casing with a durable polyester hammertone finish, provides durability and a fingerprint-free surface



**SchoolMate HE**  
Water/Ground Source Heat Pump with R410a



ERV is easily removable for maintenance and cleaning.

Optional sound-deadening compressor jacket and sound-attenuating door deliver the quietest environment possible.

## OPTIONAL FEATURES

- Internal electric heating — takes up less space and eases servicing
- Factory supplied BACnet or LonWorks compatible controls — ensures compatibility with existing building management systems for central control
- Hot gas reheat for dehumidification control
- Energy Recovery Ventilator — recovers heat from the air that's about to be exhausted, increasing efficiency
- Sound-deadening "jacket" for the compressor — dramatically reduces noise, making the classroom quieter and more comfortable
- Sound-attenuating door — further lowers the dBa levels, reducing noise even more

## AVAILABLE ACCESSORIES

Airedale makes it easy to customize the unit to blend into any school's existing architecture with available:

- Discharge plenums
- Humidity sensors
- Duct shrouds
- Wall sleeves
- Outdoor louvers

To learn more visit [www.AiredaleUSA.com](http://www.AiredaleUSA.com) or call 1-866-823-1631