



The Name To Remember.

AAON Dry

PRECISION DEHUMIDIFIERS FOR INDOOR SWIMMING POOL ENVIRONMENTS

The Only Complete Packaged Dehumidification Systems From 2 ton (12 lbw/hr) - 230 tons (953 lbw/hr)



Francis Scott Aquatic Center



- Precision Control to Protect Your Building Investment
- Creates a Comfortable Pool Environment
- Energy Efficient - Low Operating Costs
- Environmentally Friendly R-410A Refrigerant
- Smallest Application Footprint in the Industry
- Integral Gas, Electric, Hot Water or Steam Auxiliary Heating
- Integral Fresh Air Intake & Exhaust
- Factory Wired & Tested
- ETL Listed
- Optional Split Systems



Martha Washington Pool



SMALL AND MEDIUM INDOOR SWIMMING POOLS

AAON utilizes its unsurpassed product expertise and state of the art manufacturing to continuously provide practical HVAC solutions to the dynamic market place.

Functionality – AAON equipment is designed and manufactured to meet your particular specifications. AAON products provide superior features and your choice of premier options. AAON equipment is tailored exactly to your job requirements, including your choice of controls.

Flexibility - AAON units are optimally configured for individual applications. The swimming pool market requires more options and a more robust design than standard HVAC equipment. AAON offers a variety of swimming pool specific options to meet your exact needs.

Innovation - AAON's advanced production facilities enable custom tailored solutions at the lowest cost. A passion to provide inventive products for our customers has led AAON to make substantial investments in research, development, engineering and manufacturing capability that have allowed AAON to revolutionize the swimming pool market and deliver this standard of excellence to you.

Superior Unit Features

- Double wall cabinet and access door construction. All panels have an inner wall that protects the insulation from moisture, increases sound dampening and is easier to clean.
- Access doors with stainless steel piano hinges.
- Compressors, controls and heating components are located in a single compartment isolated from the air stream for ease of service and longevity.
- High efficiency TEFC motors.
- Polyurethane paint exceeds a 2500-hour salt spray test.
- Run test report, wiring diagram, installation manual and startup form located in control access compartment.
- High efficiency scroll compressors are installed on a structural deck with rubber isolation mounts for quiet operation.
- R-410A environmentally friendly refrigerant.
- Thermostatic expansion valves on all DX systems for improved performance.
- Stainless steel condensate drain pan.
- Advanced refrigeration control for energy optimization and precision.



RM Series 2 Ton (12 lbw/hr) - 30 Ton (128 lbw/hr)



V2 Vertical Air Handler
800 to 10,000 cfm



Premier Unit Options

- AAONAIRE® Energy Recovery Wheel.
- Interior coating for corrosion protection.
- Polymer coated refrigerant heating & cooling coils.
- Polymer coated dehumidification coil.
- Refrigerant to pool water heat exchanger.
- Power exhaust.
- Premium efficiency TEFC motors.
- Compressor isolation valves.
- Second stage compressor lock-out.
- Phase and brown-out protection.
- Occupied / unoccupied mode for energy saving operation.
- Horizontal supply and return air curb.



Golds Gym

LARGE INDOOR SWIMMING POOLS AND AQUATIC CENTERS

Challenges

Indoor Swimming Pools pose challenges unique to their environment. Some of those challenges include:

- Preventing damage to the building structure
- Corrosion
- Mold and mildew
- Warm indoor air temperature
- Pool water evaporation
- Water chemical levels
- High operating costs

Large Indoor Swimming Pools have added considerations that small swimming pools do not, including:

- Wide variations in occupancy
- Wide variations in activity levels
- Jet sprays and water slides

Failure to properly control both humidity and temperature could result in swimming competition disadvantage and/or spectator discomfort.

AAON's indoor pool precision dehumidification units dynamically vary capacity to solve these difficult scenarios and provide the most cost effective solution to the problems.



RN Series 26 ton (128 lbw/hr) - 70 ton (316 lbw/hr)



Florence YMCA

Solutions

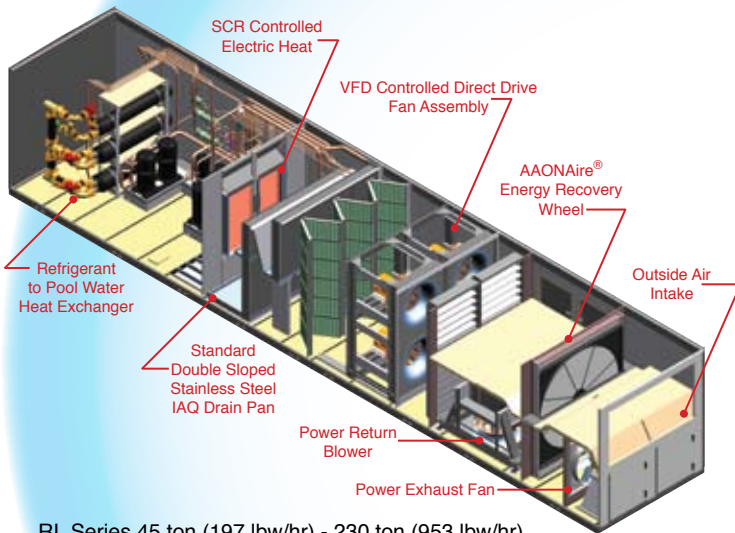
Precise temperature and humidity control are essential in creating a comfortable indoor pool environment and operating cost control.

Unlike conventional ventilation systems, AAON's unique unit design is available with an energy recovery wheel to capture and re-use energy, resulting in optimal environmental control, high energy efficiency and low operating cost.

AAON continues to develop innovative solutions for the challenges you face every day.

AAON's pre-engineered software makes indoor swimming pool calculations quick and accurate.

AAONEcat32™ provides the information that you need to select the correct AAON equipment for the application.



RL Series 45 ton (197 lbw/hr) - 230 ton (953 lbw/hr)



Little Otter Swim School



Moose Lodge Indoor Pool



AAON Environmentally Friendly HVAC Product Family

Customer Commitment – AAON encourages environmentally responsible design by incorporating many energy saving features into our superior heating and cooling products. In addition to energy efficiency, AAON also offers environmentally friendly R-410A refrigerant capability in all our cooling and heat pump equipment. As countries throughout the world phase out CFC and HCFC refrigerants, R-410A is becoming the global standard and AAON is leading the way!



Rooftop Units



2 - 5 Tons



2 - 30 Tons



26 - 70 Tons



45 - 230 Tons

Condensing Units



2 - 5 Tons



8 - 40 Tons



45 - 230 Tons

Air-Cooled or Evaporative-Cooled Chiller



35 - 365 Tons

Boiler



500 - 6,000 MBH

Custom Indoor or Outdoor Air Handling Units



1,500 - 100,000+ CFM



1,500 - 218,000 CFM



1,500 - 120,000+ CFM

Outdoor Air Handling Units



800 - 2,000 CFM



800 - 12,000 CFM



10,400 - 28,000 CFM



18,000 - 68,000 CFM

Indoor Air Handling Units



1,000 - 16,000 CFM



16,000 - 51,500 CFM



800 - 10,000 CFM

It is the intent of AAON to provide accurate up-to-date specification data. However, in the interest of ongoing product improvement, AAON, Inc. reserves the right to change specifications and/or design of any product without notice, obligation, or liability.

AAON® products are covered by one or more of the following U.S. patents: 5,738,167; 5,826,641; 5,839,505; 6,715,312; 6,792,767; 6,802,543; 6,929,452.

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