

Pool Conditioner Series



NORDIC® leads the way in indoor pool conditioning



Certifications



Product Features

R410a - Environmentally friendly refrigerant, will not cause depletion of our ozone layer.

Fan - High efficiency variable speed direct drive Electronically Commutated Motor (ECM). Serviceable from a single side.

Drip Tray - Dual 3/4" FNPT connections.

Compressor - Single stage K5E scroll.

Hard Start Kit - Standard on all single phase models.

TXV - Expansion valve system maintains maximum capacity under all operating conditions.

Back Up - 15 or 20Kw electric heat available.

Filter Dryer - Standard on all units.

Sight Glass - Standard on all units

Refrigerant Pressure Gauges - Mounted on front panel of unit.

Accumulator - Protects compressor against liquid slugging.

Titanium Pool Water Coil - for long service life.

Piping - 2" PVC water lines for full pass through of pool circulator water.

Air Coils - Coated with acrylic plastic for protection from chlorinated air.

Service Ports - High and low service ports for quick connection to a manifold gauge set.

Electronic Lock-out Board - with short cycle timer protection.

Cabinet - 316 stainless steel. Acoustically insulated for quiet operation.

Doors - One side service access to all components, all 4 doors can be removed.

Thermostats - Two Ranco® 2-stage digital aquastats included with unit (room air and pool water)

Humidistat - Included with unit.

Performance Specifications

| Rating Conditions | Model | Airflow (CFM) | Indoor (Pool) Flow (USGPM) | Indoor (Pool) Pressure Drop (Psi) | Input Energy (Watts) | Heating Capacity (Btu/hr) | Moisture Removal @ 50% RH (Lb/hr) | Moisture Removal @ 60% RH (Lb/Hr) | Typical Pool Surface Area (sq. ft.) |
|-------------------|-------|---------------|----------------------------|-----------------------------------|----------------------|---------------------------|-----------------------------------|-----------------------------------|-------------------------------------|
| EWT 80°F Heating | PC-45 | 1200 | 21 | 1.5 | 2,020 | 46,000 | 14 | 18 | 600 |
| | PC-55 | 1500 | 28 | 2.2 | 3,000 | 64,200 | 19 | 23 | 800 |
| EAT 82° Cooling | PC-65 | 1900 | 35 | 2.8 | 4,045 | 77,000 | 24 | 30 | 1100 |
| | PC-80 | 2400 | 42 | 3.5 | 5,785 | 103,300 | 28 | 33 | 1300 |

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