

## MACH1211 1 ton Air-Cooled Heat Pump

Heating and Air Conditioning in each unit

High Ambient (115°+) Low temp (55°)

### 24 Key Standard Features

- ◆ Constant Pressure Valve (for low temp)
- ◆ Compressor Short Cycle Protection
- ◆ Electrostatic Filters (better air quality)
- ◆ (ACRS) pump and 5 Gallon tank equipped
- ◆ Hi Lift Condensate Pump w/CV & Safety Switch
- ◆ Electro-Mechanical Controls (readily available)
- ◆ Condenser Fan Cycling controlled by load
- ◆ 2-Speed External Rotor Evaporator Blower
- ◆ Evap Fan Constant/Cycle Switch
- ◆ Expansion Valve (precise refrigerant control)
- ◆ Quiet, Rotary Compressor
- ◆ Aluminum Grilles
- ◆ Rifled Copper Tube, Enhanced Fin Coils
- ◆ High Pressure Switch Manual Reset
- ◆ Refrigerant Service Access Ports
- ◆ Green Light "Power Ready" indicator Light
- ◆ Built-in Power Cord Storage Box
- ◆ Auto Restart After Power Failure
- ◆ Pitched, Stainless Steel Drain Pan
- ◆ Gloss Powder Coat Finish (easy to maintain)
- ◆ Heavy Duty 3½ inch Casters (front swivel)
- ◆ Remote Thermostat Ready
- ◆ Heating & Cooling in each Unit
- ◆ 20 feet of 3/8 inch Drain Hose Included



MACH1211 with optional condenser duct flange and NZ-5 nozzles



MACH1211 rear cord storage box and lift assist handles



MACH1211 with optional condenser duct flange CDF-12

Cooling Operating Range:  
**55° to 115° +**



Every NorthWind MACH1211 is equipped with our ACRS (Advanced Condensate Removal System) mounted side by side as shown, simply choose to use either the tank or pump to handle condensate. No wiring, no switching, no fuss...just attach the drain hose to the pan fitting.

**High Ambient Cooling 115° +**



The nickel remains balanced on its edge while the unit runs at full capacity. High quality cabinet construction and external rotor motor motors provide very smooth, vibration-free operation.

Optional CAP-12 condenser air plenum easily attaches to unit over the condenser air inlet. This permits condensate inlet air to be ducted to the unit to eliminate negative air pressure in the conditioned space.



Optional NZ-5 nozzle kit may be used to direct cold evaporator air to a specific spot.



Optional NZ-5 Plate with 2, 5 inch flanges for duct attachment.



The CPK-12 ducts the condenser



Inside view with right side panel removed

### Optional Accessories

- CDF-12..... Condenser Duct Flange (12 inch)
- NZ-5.....Nozzle Kit 2, 5 inch flanges with ducts
- NZ-5 PLATE....Nozzle Plate 2, 5 inch flanges without ducts

MODEL	MACH1211 1 ton
<b>Cooling Capacity</b> 95°DB/83°WB at 60% RH BTU/HR	12,290
115°DB/95°WB at 50% RH BTU/HR	12,590
<b>Heating Capacity</b> 70°F DB at 60% RH	15,670
<b>Voltage</b>	115/1
<b>Current Consumption (Amps)</b>	12
<b>Min-Max Voltage</b>	105 -125
<b>Fuse/Circuit Breaker Size (Amps)</b>	15
<b>NEMA Plug Configuration</b>	5-15P
<b>24 Volt Control System</b>	Elec/Mech
<b>Power Cord (Gauge/Length)</b>	14/3-10 ft
<b>Evap Airflow (CFM/Hi/Low)</b>	415/340
<b>Cond Airflow</b>	610
<b>Operating Conditions (Min/Max/°F)</b>	55°-115°+
<b>Condensate Removal</b>	ACRS <sup>2</sup>
<b>Humidity Removed (60%RH/Gal/Hr)</b>	0.75
<b>R-22 Charge (Ounces)</b>	30
<b>Sound Level (W/Duct-Hi/Low)</b>	52/49
<b>Dimensions (WxDxH) W/Casters</b>	19¾ W 30 D 42 H
<b>Ship Weight/Net Weight (LBS.)</b>	284/238
<b>Condenser Discharge (Duct Size)</b>	12 inch
<b>Optional Evap Nozzle (Quantity/Size)</b>	2, 5 inch
<b>Condensate Pump Head (Feet)</b>	20
<b>Equivalent Feet Ducted Evaporator</b>	25
<b>Equivalent Feet Ducted Condenser</b>	30

**CAP-12**..... Condenser Air Plenum (12 inch)  
**CPK-12**..... Ceiling Panel Kit (12 inch includes 2 x 2  
ceiling tile, 8 feet flex duct, duct ties (order CDF-12 separately)

discharge air into a drop ceiling  
space. Check and follow your  
local codes.

\*Time delay fuses/circuit breakers are recommended