



Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Model Number: ACHW-80N3MA

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____



SYSTEM PERFORMANCE DATA

| | | |
|-----------------------------------|--------------|-------------------------|
| Power supply | | |
| Normal Operational Voltage | (V, Ph, Hz) | 240V,1Ph,60Hz |
| Voltage Range | (V) | 208~240 |
| Electrical | | |
| Minimum circuit ampacity | (A) | 23.6A(208V)/26.8A(240V) |
| Max.fuse | (A) | 25A(208V)/30A(240V) |
| Connection wiring | | AWG 10-3 |
| Energy information | | |
| Normal Gallon Capacity | (Gallon) | 80 |
| Rated Gallon Capacity | (Gallon) | 75 |
| Uniform Energy Factor (UEF) | | 4 |
| First Hour Rating (FHR) | (Gallon) | 91 |
| Water Outlet Temperature Range | Deg. °F (°C) | 109°F~149°F (43°C~65°C) |
| Upper Element Wattage | (W) | 4500(240V) |
| Lower Element Wattage | (W) | 4500(240V) |
| Compressor capacity | (W) | 1500 |
| Total Unit Wattage (input) | (W) | 5500 |
| Cold Climate Efficiency(CCE) | | 3 |
| Recovery In G.P.H. 90° F Rise | | 27.5 |
| Heat pump ambient operating range | Deg. °F (°C) | 37°F~109°F (3°C~43°C) |
| Element ambient operating range | Deg. °F (°C) | 5~115(-15°C~46°C) |
| Sound | (dBA) | 49.5 |

UNIT DATA

| | | |
|-------------------------------|----------|-------------------------------|
| Body Height | inch(mm) | 74-1/4(1884.7) |
| Body Diameter(inch) | inch(mm) | 25-5/8(650.2) |
| Body Weight | lbs(kg) | 293.2(133) |
| Ship Length(inch) | inch(mm) | 30-1/4(769.6) x 29-1/8(739.1) |
| Ship Height(inch) | inch(mm) | 83-1/8(2110.7) |
| Ship Weight(lbs) | lbs(kg) | 357.2(162) |
| Inlet Water Connection Size | inch(mm) | 3/4(19.1) |
| Outlet Water Connection Size | inch(mm) | 3/4(19.1) |
| Drainage Hose | inch(mm) | 3/4(19.1) |
| Installation Clearance (Back) | inch(mm) | 0 |
| Installation Clearance (side) | inch(mm) | 6(152.4) |
| Installation Clearance (top) | inch(mm) | 20(508) |
| Refrigerant Type | | R134a |
| Refrigerant charge | oz(g) | 18.34(520) |
| Loading quantity(40HQ) | pcs | 45 |

