

# Submittal Data Sheet

## Guardian II Floor Mounted A/C

Unit No: \_\_\_\_\_  
Model: \_\_\_\_\_  
Qty: \_\_\_\_\_  
Description: \_\_\_\_\_ Ton

Project: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Contractor: \_\_\_\_\_  
Skil-aire Rep: \_\_\_\_\_

Split Air Cooled     Split Water Cooled     Packaged Air Cooled     Packaged Water Cooled  
 Packaged Chilled Water     Remote Indoor – Air / Water Cooled – Condenser / Condensing Unit  
 Remote Outdoor – Air / Water Cooled – Condenser / Condensing Unit

### Main Power Supply:

Evap Section: 230V 460V / 1 3 Ph / 60 Hz  
Cond Section: 230V 460V / 1 3 Ph / 60 Hz

### Humidification Data:

Type: Electrode Steam Canister  
Steam Capacity: \_\_\_\_\_ LB/HR

### Cooling Capacity:

75 F DB/ 50% RH \_\_\_\_\_ MBH / \_\_\_\_\_ SMBH

### Air Filtration Data:

Size / Qty.: \_\_\_\_\_ / (\_\_\_\_\_)  
Efficiency: \_\_\_\_\_ % Dust Spot

### Evaporator Blower Data:

Blower Type: Belt- Drive Centrifugal  
Motor HP / FLA: \_\_\_\_\_ HP \_\_\_\_\_ FLA  
Airflow Rate: \_\_\_\_\_ CFM @ 0.8" ESP

### Connection Data:

Evap Section:  
Condensate Drain: \_\_\_\_\_" FPT IN  
Humidifier Supply: \_\_\_\_\_" Flare  
Hot Gas Line (R22): \_\_\_\_\_" OD Copper  
Liquid Line (R22): \_\_\_\_\_" OD Copper

### Evaporator Coil Data:

Face Area: \_\_\_\_\_ Ft  
Rows: \_\_\_\_\_

### Cond Section:

Hot Gas Line (R22) \_\_\_\_\_" OD Copper  
Liquid Line (R22) \_\_\_\_\_" OD Copper

### Compressor Data:

Type / (Qty.): Scroll / (\_\_\_\_\_)  
RLA / LRA \_\_\_\_\_ / \_\_\_\_\_  
Refrigerant Type: R22 other \_\_\_\_\_

### Physical Data:

Evap Section Wt. (lbs) \_\_\_\_\_  
Cond Section Wt. (lbs) \_\_\_\_\_  
Evap Section Wt. (lbs) \_\_\_\_\_

### Condenser Fan Data:

Blower Type: Belt Drive Centrif / DD Prop  
Motor HP / FLA \_\_\_\_\_ HP \_\_\_\_\_ FLA  
Airflow Rate: \_\_\_\_\_ CFM @ free discharge

### Electrical Data:

Packaged: \_\_\_\_\_ FLA / \_\_\_\_\_ MCA / \_\_\_\_\_ MFS  
Evap: \_\_\_\_\_ FLA / \_\_\_\_\_ MCA / \_\_\_\_\_ MFS  
Cond: \_\_\_\_\_ FLA / \_\_\_\_\_ MCA / \_\_\_\_\_ MFS

### Heat Data:

Type Electric Hot Water Steam  
Heat Capacity: \_\_\_\_\_ MBH \_\_\_\_\_ Kw, \_\_\_\_\_ stg

### Factory Options Included:

- MicroSkill-100, Temp & Humidity Controller with Alarms
- MicroSkill-200, Advanced Micro based Temp & Humidity Controller with Alarms, Networkable
- Flooded Condenser Low Ambient Control
- Hot Gas By-Pass
- ECX Water-side Economizer & Controls
- Heat Pump Appurtenances
  
- DigiSkil-100, non-programmable digital T-Stat
- DigiSkil-200, 7-Day programmable digital T-Stat
- Fan Cycling Low Ambient Control
- Low Ambient Damper
- Non Fused Disconnect Indoor
- Non Fused Disconnect Outdoor
- Smoke Detector     Water/Moister Detector
- Firestat     Vibration Isolators
- Condensate Pump
- Air-side Economizer & Enthalpy Controls

### Select Standard Design Features:

- Heavy Gauge Steel cabinet with 2lb density Insulation
- Belt Drive, double inlet, forward curved blowers with steel keyed shafts and V-Belt drives with adjustable pulleys
- Thermally protected Baldor Motors
- High efficiency, heavy duty compressors
- High & Low pressure safeties, Charging and Service Ports
- Stainless Steel Drain Pan with Overflow Safety Switch
- TXV with External Equalization, Filter Dryer & Sight Glass
- Each unit Factory Tested and Charged

### Factory Warranties Included:

- 1 Year Limited Parts Warranty
- 4 Year Extended Compressor Warranty
- 1 Year Limited Parts & Labor Warranty
- Factory Check, Test & Start-Up Service

c UL US Listed

**MEA-386-90-E NYC Approved**