Heating & Air Conditioning
Amana®

ACTIVDRY™
DEHUMIDIFICATION

Packaged Terminal Air Conditioner

Features

- *Superior 35% Dehumidification* — Amana® brand ActivDRY PTACs remove up to 35% more water from the air than our standard PTAC – as much as 2.8 pints per hour, depending on the model
- *Seacoast Corrosion-Resistant Coil* — Our optional Seacoast corrosion-resistant coil is available by order for locations where coil corrosion is a problem
- *Energy Efficiency* — EER of up to 11.2 to keep energy consumption to a minimum
- *On-board Energy Management System* — Amana® brand units are equipped with EMS technology to better control room temperature and save energy dollars
- *DigiSmart™ Control Board* — Ready for wireless or wired operation
- *Programmable Set-back Program* — Settings allow automatic temperature setback when unit is idle
- *DigiSmart™ Suite of Peripherals* — Remote occupancy sensor, remote thermostat, RF antennas, and RF platform controller provide everything you need to reduce energy costs by 35%

WITH
35% More Dehumidification
than the Amana® brand
DigiSmart™ PTAC

5 YEAR PARTS LIMITED WARRANTY*
1 YEAR UNIT LIMITED WARRANTY*

First-Year Warranty: Parts & Labor
Second through Fifth Year: Parts & Labor on certain sealed system components
Second through Fifth Year: on certain functional parts only
* Complete warranty details available at www.amana-ptac.com.

PROUDLY ASSEMBLED FOR OVER 30 YEARS IN THE U.S.A.

DigiSmart CONTROL BOARD brings together our best PTAC ever with our best Energy Management Software and now integration with Property Management and Front Desk Management Software. Reduce PTAC energy consumption by 35% OR MORE* through the power of the in-unit Energy Management System, programmable temperature set-back and limits combined. Reduce PTAC maintenance cost through our automated maintenance notification system. Improved maintenance sustains energy efficiency (EER) and prolongs PTAC life, keeping equipment running at its designed efficiency level and room guests more comfortable.

The Amana Brand DigiSmart Solution

In-Room: "Self-Installable" Wireless Peripherals

The DigiSmart Occupancy Sensor completes the in-room equipment. This infrared sensor can determine if the room is occupied or empty, and when empty signals the PTAC to adjust the temperature to save energy based on programmable setbacks.

The DigiSmart Wireless Remote Thermostat can mount on the wall anywhere in the guest room. Battery powered and with its own wireless ability to communicate with the PTAC to maintain room temperature. Best of all, no wires to run. The PTAC and Thermostat connect at the press of a button and are permanently linked. The thermostat and PTAC work in-sync to display accurate temperature.

The DigiSmart Wireless Antenna installs inside the PTAC with a snap-in connector. Installing the antenna allows the PTAC to communicate wirelessly with other devices in the room and to the DigiSmart network.

- 45,000+ rooms have had wireless installations since 2005
- Total wireless devices deployed to date: 120,000+

The Amana brand DigiSmart PTAC with antenna, combined with the self-installable, wireless Thermostat and Occupancy Sensor give the property owner complete control over the equipment settings and can reduce PTAC energy usage by 35% OR MORE.*

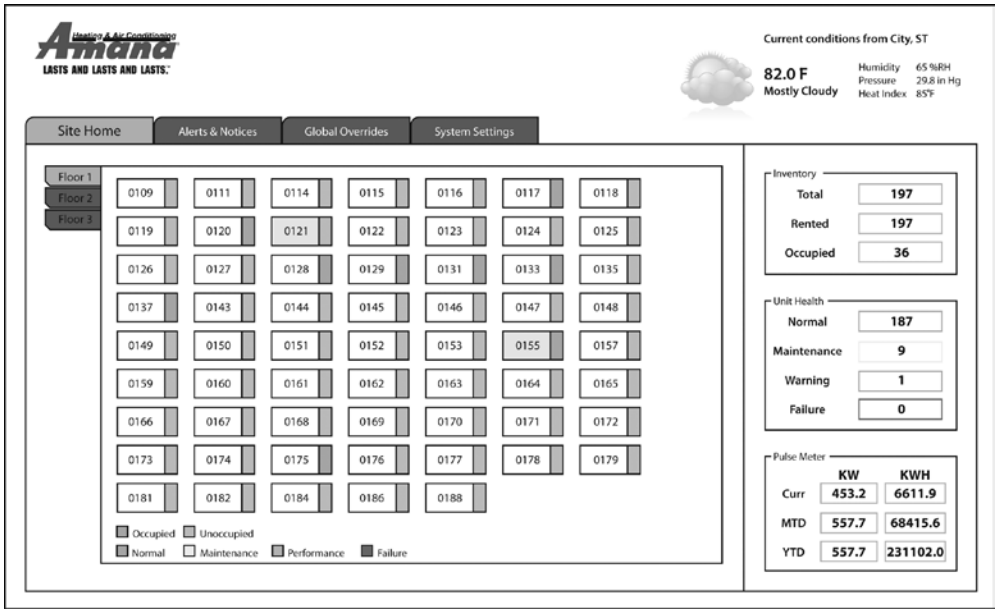
Web-Based, Real-Time Monitoring

Amana® Brand DigiSmart™ Controller:

All of the PTACs in the building can be managed through a single interface on a PC.

FEATURES INCLUDE: Full unit details for every PTAC, visible from the front desk or home office, automatic emails for PTAC maintenance, ability to change all settings on the unit, and enhanced diagnostics. Monitor up to 170 PTACs, WIRELESSLY, with one controller. Additional controllers can expand the network for additional rooms/properties.

> System Verification
> Global Setbacks
> EMS Configuration
> Site Statistics
> Battery Notices
> Email Reporting
> Unit Health
> Unit Code Alerts



Temp Limiting – Each PTAC can be configured with a heating and cooling temperature set-point limit.

Setbacks – Once a room is declared unoccupied by the occupancy sensor, the PTAC progresses through three different temperature setbacks, configured as three degree and time pairs (An example configuration is listed below).

1st: 2°, 30 mins – Setback the temp 2 degrees after 30 minutes

2nd: 4°, 1 hr – Setback the temp 2 more degrees after 30 more minutes

3rd: 8°, 3 hrs – Setback the temp 4 more degrees after 2 more hours

Unrented Set-Points – By integrating with your property's Front Desk System, the PTACs will adjust to specific set-points when no longer identified as rented in the system.

Nomenclature

DRY	09	3	G	35	AXXX	AA
1,2,3	4	5	6	7,8,9	10,11,12,13	14

Basic Model Type

DRY	Dehumid Cooler PTAC

Cooling Capacity

09	9000 BTU/h	60 Hz

Rated Voltage

3	230/208V, 60 Hz, 1 Ph
4	265V, 60 Hz, 1 Ph

Design Series

G	R-410A

Heater Size

00	No Electric Heat	35	3.5 kW (230/208V)
15	1.5 kW		3.7 kW (265V)
25	2.5 kW	50	5.0 kW

Engineering

Major & Minor Revisions

Features Code

A	Standard Model
C	Corrosion Protection (Seacoast)
D	Power Door
F	Fuse Holder (230/208 Only)
H	Hydronic Heat-Capable
P	Condensate Pump (PTH Only)
Q	Quiet STC 31 Chassis
R	RF Antenna
V	Power Vent
X	placeholder
W	Hard-Wired (PTQC)

Product Specifications

		DRY 093G***XXX	DRY 094G***XXX
Voltage		230 / 208	265
Cooling Performance			
Capacity (BTU/h)		8,800/8,600	8,800
Amps		4.6/4.7	4.3
Watts		785/770	785
EER		11.2/11.2	11.2
CFM (Cool/ Wet Coil)	High	290	290
	Low	264	264
Dehumidification *		2.8	2.8
Heating Performance			
Min. Circuit Amps		5.5	5.0
Watts			
BTU/h			
CFM (Dry Coil)	High	310	310
	Low	282	282
Fresh Air, CFM (Fan Only)		65*	65*
Net Weight (lbs.)		98	102
Ship Weight (lbs.)		113	117

* (Pints/Hr. @ High/Low Speed)

^ Approximately 95 CFM with optional power vent kit. Actual vent CFM performance will vary due to application and installation conditions.

Notes

1. MCA (Minimum Circuit Ampacity) ratings conform to the National Electric Code; however, local codes should apply.
2. Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts.
3. Overcurrent protection for all units without electric heaters is 15 amps. See heater performance for total MCA.
4. Heating capacity and efficiency based on unit operation without condensate pump; unit automatically switches to electric heat at approximately 24°F outdoor ambient.
5. Total watts for 12,000 BTU/h models.
6. Specify two-digit heater kW size to complete model number.
7. Total amps for 12,000 BTU/h models.
8. R-410A refrigerant used in all systems.
9. All units meet or exceed ASHRAE 90.1 standards.
10. All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
11. Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and Watts notation refers to compressor only.

Electric Heat Performance Data

Voltage	Electric Heater Size (kW)	No. of Stages	Nominal Heating (BTU/h)		Total Watts 5	Total Amps 7	Min. Circuit Amps [1]	MOD [3] (amps)	Power Cord
			@ 230V	@ 208V					
230/208V	2.5/2.0	1	8,500	6,800	2,650/2,140	11.5/10.2	14.2	15	6 - 15 P
230/208V	3.5/2.9	1	12,000	9,900	3,650/3,040	15.8/14.5	19.6	20	6 - 20 P

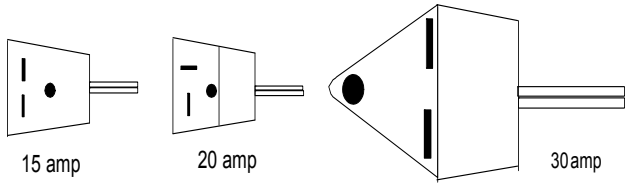
Notes:

1. Minimum branch circuit ampacity ratings conform to the National Electric Code; however, local codes should apply.
2. Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts.
3. Overcurrent protection for all units without electric heaters is 15 amps.
4. Heating capacity and efficiency based on unit operation without condensate pump; unit automatically switches to electric heat at approximately 24°F outdoor ambient.
5. Total watts for 12,000 BTU/h models; subtract 70 watts for PT07/09*B**A*
6. Specify two-digit heater kW size to complete model number.
7. Total amps for 12,000 BTU/h models; subtract 0.2 amps for PT07/09*B*A*.
8. R-410A refrigerant used in all systems.
9. All units meet or exceed ASHRAE 90.1 standards.
10. All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.

Power Cord Configuration

Power Cord Plugs

250V Rating Power Cord Plugs with LCDI Device
NEMA 6 Configuration



Power Receptacle Configuration

NEMA6-15R; 250V receptacle, used on 230/208V units

NEMA6-20R; 250V receptacle, used on 230/208V units

NEMA6-30R; 250V receptacle, used on 230/208V units

All units come with factory-installed power cords.
All units less than 250 volts come with LCDI device.

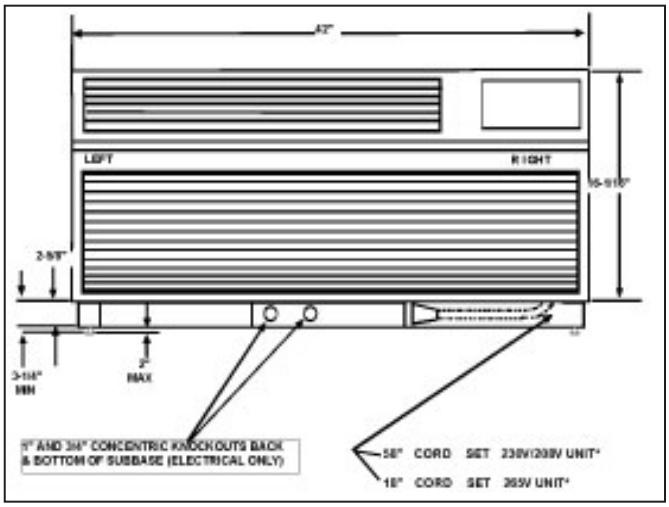
Contract Bid Specifications

Please visit www.amana-ptac.com to download the contractor bid specifications information.

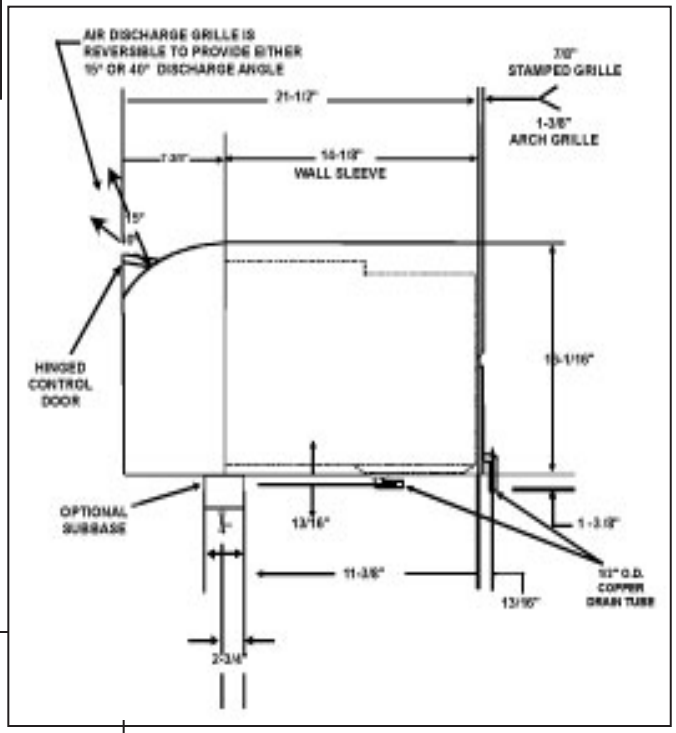
UNIT WITH ACCESSORY WALL SLEEVE AND SUB-BASE ACCESSORY

FRONT VIEW

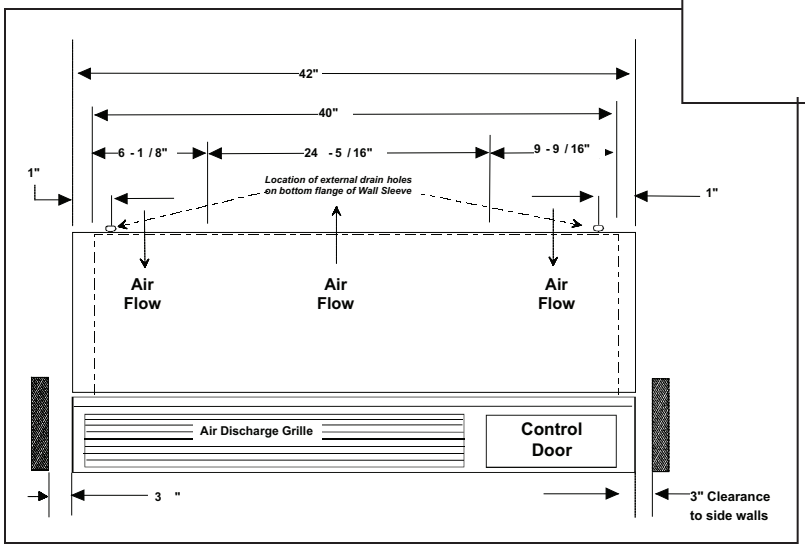
58” LCDI CORD SET — 230V/208V UNIT*



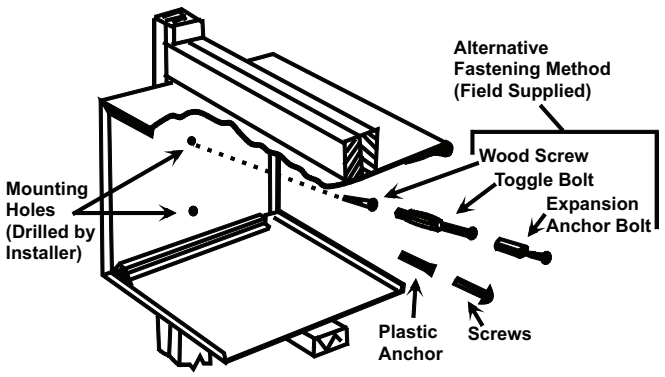
RIGHT VIEW



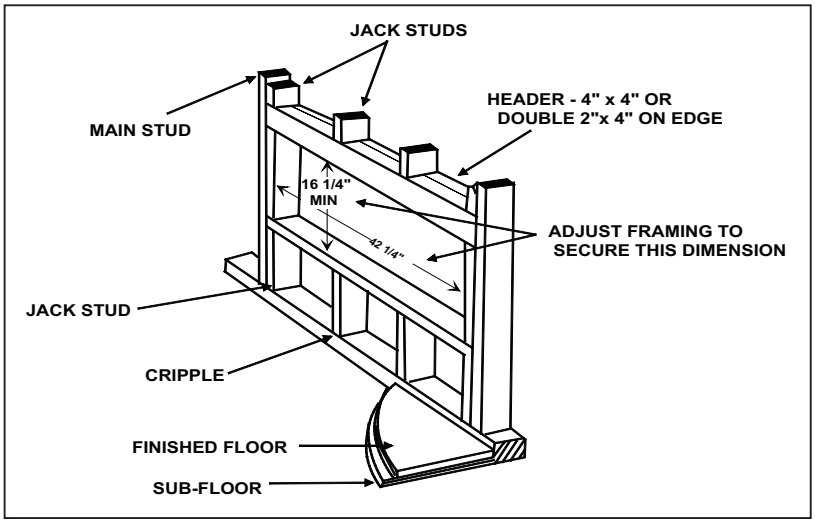
TOP VIEW



Framing for Accessory Wall Sleeve (WS900D)



Wall Sleeve must extend a minimum of ¼" beyond outside wall to allow for proper caulking.



Wall Sleeve Opening Height Should Be Squared with Wall Sleeve Opening Width	*H = 16¼"*
	W = 42¼"

Fastening Wall Sleeve

When installed in an opening, the Wall Sleeve must be horizontally level (side-to-side) and pitched **¼ bubble** to the outside. (**NOTE:** To ensure unit's maximum efficiency, **DO NOT** over- or under-pitch.)

Installation Notes

1. If **Sub-base** (PTSB***E) is installed, allow minimum 3¼" height clearance and maximum 5" height clearance between wall sleeve and floor; allow minimum 2¾" protrusion from a finished wall. *See Note 4 if using hydronic units.*
2. **Drain Kit** (DK900D) shipped separately. Can be mounted either right side, left side or bottom of sleeve. If mounted to bottom of sleeve, allow 2" height clearance from floor to bottom of sleeve.
3. For UL approval, 265V units must use Amana® brand **Sub-base** (PTSB***E) or Amana® brand **Hard Wire Kit** (PTPWHWK4). Overcurrent protection on 265V units must be by cartridge-style time delay fuses, **which are included and factory-installed on the Amana® brand 265V chassis.**
4. If **Hydronic Kit** (HWK03 or HVK03) is installed, **Wall Sleeve** must extend exactly 3" into the room from the finished interior wall. If using the Amana® brand **Sub-base** (PTSB***E), only the minimum 3¼" height clearance between wall sleeve and floor is permissible. Unit must also be operated with a remote-mounted thermostat.
5. If **Duct Kit** (MDK02B) is installed, allow a minimum of 2⅜" into the room from the finished interior wall.