

PACKAGED TERMINAL AIR CONDITIONER (PTAC) AND HEAT PUMP

SPECIFICATIONS





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PREMIUM AMANA[®] BRAND QUALITY OUTSTANDING PERFORMANCE AND COMFORT PREMIUM ENERGY MANAGEMENT SYSTEM

STANDARD FEATURES

Energy Efficiencies: With EERs up to 14.0 and COPs up to 3.9, our unit's high efficiencies may qualify you for many of the rebates offered by electrical power companies.

Quiet Operation: Our PTAC has been redesigned to be the quietest PTAC we've ever built. The unit's state-of-the-art design and construction provide a quiet environment, allowing guests to enjoy peaceful, sleep-filled nights.

- Two fan motors (indoor/outdoor)
- Indoor tangential fan for quiet operation
- STC of 29

Integrated Bluetooth® Connectivity: Our Amana brand PTAC can now connect to our Amana brand mobile app, available in iOS and Google Play Store. This allows unmatched configuration flexibility, reduces unit setting and configuration time, as well as increased unit diagnostics and troubleshooting capability compared to previous generation Amana brand PTACs.

Integrated RF Communications: Each **Amana** brand PTAC has an integrated RF antenna to allow out-of-the-box connectivity to the **Eden** wireless thermostat (DS01G, sold separately) and **Eden** Concierge energy management system (separate fees apply). The **Amana** brand PTAC, when paired with the **Eden** Concierge energy management system, can reduce PTAC energy consumption by up to 35% or more.*

R32 Refrigerant: With a GWP (Global Warming Potential) of 677, California compliant R32 refrigerant is our choice for **Amana** brand PTACs. Available in every configuration of our PTAC, R32 refrigerant can provide up to 12% more efficiency than R410A refrigerant, lower lifetime emissions compared to R454B, and can use up to 40% less refrigerant charge than R410A.

Quiet White Room Front: Our newly redesigned Quiet White front cover provides a striking balance between attractive styling and practical design. This cover provides distinctive contours and a modern appearance to enhance the character of even the most luxurious room.

Assembled in the USA for Over 45 Years: Assembled at our plant in Waller, Texas, using Goodman resources including engineering, production and testing.

Five-Year Limited Warranty: Enjoy one of the most comprehensive warranties in the industry. First year includes parts and labor; second through fifth years includes parts and labor on certain sealed system components, on certain functional parts only. For complete warranty details, visit www.amana-ptac.com.

100% Run Tested: All units are 100% run tested at our plant in Waller, Texas, including leak checks during manufacturing and prior to shipment at the warehouse.

Filter Dryer for Sealed System Refrigerant: Standard in all units to protect the compressor and lengthen the life of the unit by removing moisture and preventing acid formation.

Front Desk Control: Each unit comes equipped with the **Eden** control and energy management software. Using the **Eden** software and the PTAC's integrated RF antenna, all units can be wirelessly connected to a central hub for enhanced energy savings and diagnostics. **Amana** brand PTACs also have a low-voltage interface capability with a field-supplied front desk ON/OFF switch. (See page 2)

Easy Pull-Out Filters: Our filters are washable and easy to maintain.

7%" Unit Front Depth: Enhance valuable room space with our slim unit front, which has a sleek 7%" depth, one of the shallowest silhouettes in the industry today. The front can b secured to the chassis with a hidden screw in order to inhib guest tampering.

Condensate Dispersion System: Our condensate dispersion system removes condensate from the indoor cooling operation by throwing water directly onto the outdoor coil for rapid evaporation and increased cooling efficiencies. The slinger ring on the enhanced fan draws water up and into the fan blades. This water is then atomized and evaporated into the atmosphere through the condenser. Increased surface area from the coil allows more water to b evaporated on the sides of the coils and helps to minimize condensate run-off.

Room Freeze Protection: When the unit senses temperature of 40°F or below, the unit activates the fan motor and either the electric resistance heater or the hydronic heater.

Zero Floor Clearance: The unit can be installed flush to a finished floor, if desired (please note that some accessories do not have zero clearance).

30-Second Fan-Off Delay: The fan continues to run 30 second after the compressor has stopped in either cooling or heat pump mode, and after electric heat has been turned off. The improves efficiency by dispersing the conditioned air on the coils into the room.

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*These savings represent estimated savings over time as compared to the same PTAC model without the **Eden** EMS installed; they were generated using general assumptions including energy loads, local weather averages and use of occupancy controls. Actual savings will vary according to use habits, room square footage and how the unit is installed and maintained.



pe Dit	Compressor Lock-In: This feature helps prolong the life of the compressor by preventing short-cycling. When the compressor is switched from OFF to ON because room temperature has risen or fallen below the specified limit, it will remain on for at least 4 minutes. If the temperature set-point is changed during this 4 minutes, the lock-in feature is overridden.
n	Automatic Emergency Heat: No more "my unit is not heating" complaints during the middle of the night. Heat pump units will automatically switch over to electric resistance heat if the heat pump compressor system fails or if the heating load is greater than the unit capacity.
be	Constant Fan Mode: Take advantage of continuous fan operation. Each unit can be configured with our Amana brand mobile app or paired with a supporting thermostat to provide constant fan operation.
res er	Hidden Ventilation Control: The ventilation control lever is hidden from the occupant's view to allow you to manage ventilation requirements.
5	High-Pressure Switch: Protects the unit from high pressure and damage to the unit, helping to ensure long unit life.
onds	Smart Vent and Economizer: Available on Amana brand PTACs with the power vent fan and power vent door options (feature
nis e	code "V" and "D"). Choose how to bring in up to 95 CFM (Power Vent Fan) of outside air into your guest room. Ability to control operation based on; heat limits, cold limits, and humidity limits. With the economizer function, you can bring in outdoor air to cool your room when outdoor temperatures are right. Features configurable temperature delta for activation between guest room and outdoor makeup air with an optional

NOMENCLATURE



POWER CORD CONFIGURATION



PRODUCT SPECIFICATIONS: PTC MODELS—COOLING/ELECTRIC HEAT

PTC R32 J Mode	els								
Model ^{1,5,6,8}	3,9	PTC073J **AXXX	PTC093J **AXXX	PTC123J **AXXX	PTC153J **AXXX	PTC074J **AXXX	PTC094J **AXXX	PTC124J **AXXX	PTC154J **AXXX
Voltage ^{1,3}	5	230 / 208	230 / 208	230 / 208	230 / 208	265	265	265	265
Capacity (BT	U/h)	7,000 / 7,000	9,200 / 9,000	11,900 / 11,700	14,800 / 14,900	7,000	9,200	11,800	14,800
Amps ¹⁰		3.1 / 3.1	4.1 / 4.1	6.1 / 6.1	7.0 / 7.0	2.7	3.6	4.8	6.1
Watts ¹⁰		570 / 545	725 / 720	1,040 / 1,005	1,400 / 1,355	585	725	1,060	1,405
EER		12.8 / 12.8	12.1 /1 2.2	11.4 / 11.5	10.3 / 10.4	13	11.9	11.2	10.7
Unit without Ele	without Electric Heater								
Min. circuit am	ps ^{2,4,10}	3.7	4.9	7.4	8.5	3.2	4.4	5.8	7.4
CFM (cool/	high	330	290	330	400	330	290	330	400
wet coil)	low	245	264	245	314	245	264	245	314
CFM	high	343	321	313	412	339	343	335	414
(dry coil)	low	309	295	285	390	339	343	335	414
Ventilated air, (fan only)	CFM	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95
Net weight (lbs.)	106	102	108	113	103	102	108	113
Ship weight (lbs.)	115	117	125	130	115	117	125	130

PTC R410A K M	odels								
Model ^{1,5,6,}	8,9	РТС073К **АХХХ	РТС093К **АХХХ	PTC123K **AXXX	PTC153K **AXXX	РТС074К **АХХХ	РТС094К **АХХХ	PTC124K **AXXX	PTC154K **AXXX
Voltage ^{1,2}	Voltage ^{1,3} 230 / 20			230 / 208	230 / 208	265	265	265	265
Capacity (BT	U/h)	7,000 / 7,000	9,200 / 9,000	11,900 / 11,600	14,800/ 14,500	7,000	9,200	11,800	14,800
Amps ¹⁰		3.1 / 3.1	4.2 / 4.2	6.1 / 6.1	7.1 / 7.1	2.8	3.6	4.9	6.2
Watts ¹⁰		590 / 560	755 / 750	1,050 / 1,025	1,430 / 1,410	615	765	1,075	1,450
EER		12.0 / 12.4	11.6 / 11.7	11.0 / 11.0	10.0 / 10.0	11.9	11.3	10.7	10
Unit without Ele	it without Electric Heater								
Min. circuit am	1ps ^{2,4,10}	3.7	4.9	7.4	8.5	3.2	4.4	5.8	7.4
CFM (cool/	high	330	330	330	400	340	330	330	400
wet coil)	low	245	264	245	314	245	264	245	314
CFM	high	336	325	334	408	328	345	343	420
(dry coil)	low	309	301	310	384	328	345	343	420
Ventilated air, (fan only)	CFM	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95
Net weight (lbs.)	106	102	108	113	103	102	108	113
Ship weight ((lbs.)	115	117	125	130	115	117	125	130

*Actual vent CFM performance will vary due to application and installation conditions. 95 CFM with Power Vent Fan option (Feature Code "v")

Notes

- ¹ All 265-volt models must use an Amana® brand sub-base (PTSB4**E) or an Amana® brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum powercord and meet UL 484 standards. voltage on 265-volt models is 239 volts: maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana® brand 265-volt chassis). See heater performance.



⁵ Heating capacity and efficiency based on unit operation without condensate pump.

⁶ Specify two-digit heater kW size to complete model number.

⁷ R32 or R410A refrigerant used in all systems.

⁸ All units meet or exceed ASHRAE 90.1 standards.

¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.

PRODUCT SPECIFICATIONS: PTH R32 J MODELS—COOLING/ELECTRIC HEAT

PTH R32 J Model	s								
Model ^{1,5,6,8}	3,9	PTH073J **AXXX	PTH093J **AXXX	PTH123J **AXXX	PTH153J **AXXX	PTH074J **AXXX	PTH094J **AXXX	PTH124J **AXXX	PTH154J **AXXX
Cooling									
Voltage ^{1,3}		230 / 208	230 / 208	230 / 208	230 / 208	265	265	265	265
Capacity (BT	U/h)	7,100 / 7,000	9,000 / 9,000	12,000 / 11,600	14,600 / 14,400	7,300	9,000	12,000	14,600
Amps ¹⁰		3.2	4.0	5.6	7.1	2.8	3.5	4.9	6.6
Watts ¹⁰		570 / 545	725 / 720	1,040 / 1,005	1,400 / 1,355	585	725	1,060	1,405
EER		12.4 / 12.8	12.4 / 12.5	11.5 / 11.5	10.4 / 10.6	12.5	12.4	11.3	10.4
Heating									
Capacity (BT	U/h)	6,300 / 6,100	8,200 / 8,000	11,000 / 10,800	14,300 / 14,000	6,500	8,200	11,500	14,100
Amps ¹⁰	Amps ¹⁰		4.0	5.6	7.1	2.8	3.5	4.9	6.6
Watts ¹⁰		510 / 480	665 / 650	980 / 955 1,350 / 1,320 545 685 1,020		1,375			
COP		3.6 / 3.7	3.6 / 3.6	3.3 / 3.3	3.1 / 3.1	3.5	3.5	3.3	3.0
Unit without Elec	tric Heat	er							
Min. circuit am	ps ^{2,4,10}	3.7	4.9	7.4	8.5	3.2	4.4	5.8	7.4
CFM (cool/	high	330	290	330	400	330	290	330	400
wet coil)	low	245	264	245	314	245	264	245	314
CFM	high	335	321	315	362	344	320	324	381
(dry coil)	low	307	292	293	348	344	320	324	381
Ventilated air, (fan only)	CFM *	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95
Dehumidifact (Pints/hr.)	tion)	1.7	2.2	1.7	4.4	4.4 1.7 2.2 1.7		1.7	4.4
Net weight (I	bs.)	106	102	108	113	103	102 108		113
Ship weight (lbs.)	115	117	125	130	115	117	125	130

*Actual vent CFM performance will vary due to application and installation conditions. 95 CFM with Power Vent Fan option (Feature Code "v")

Notes

- ¹ All 265-volt models must use an **Amana** brand sub-base (PTSB4**E) or an **Amana** brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum voltage on 265-volt models is 239 volts; maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana brand 265-volt chassis). See heater performance.
- ⁵ Heating capacity and efficiency based on unit operation without condensate pump.
- ⁶ Specify two-digit heater kW size to complete model number.
- ⁷ R32 refrigerant used in all systems.
- ⁸ All units meet or exceed ASHRAE 90.1 standards.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- ¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.

PRODUCT SPECIFICATIONS: PTH R410A K MODELS—COOLING/ELECTRIC HEAT

PTH R410A K Mo	dels								
Model ^{1,5,6,8}	,9	PTH073K **AXXX	РТН093К **АХХХ	PTH123K **AXXX	PTH153K **AXXX	PTH074K **AXXX	PTH094K **AXXX	PTH124K **AXXX	PTH154K **AXXX
Cooling									
Voltage ^{1,3}		230 / 208	230 / 208	230 / 208	230 / 208	265	265	265	265
Capacity (BTU	J/h)	7,100 / 7,000	9,000 / 9,000	11,600 / 11,400	14,200 / 14,000	7,300	9,000	11,600	14,200
Amps ¹¹		3.3	4.4	6.1	7.6	2.9	3.6	5.4	6.8
Watts ¹¹		590 / 560	755 / 750	1,050 / 1,025	1,430 / 1,410	615	765	1,075	1,450
EER		12.0 / 12.4	11.9 / 12.0	11.0 / 11.1	9.9 / 9.9	11.9	11.8	10.8	9.8
Heating									
Capacity (BTU	J/h)	6,500 / 6,400	8,200 / 8,000	10,600 / 10,500	13,900 / 13,700	6,800	8,200	10,600	13,700
Amps ¹⁰		3.3 4.4 6.1 7.6 2.9 3.6		5.4	6.8				
Watts ¹⁰		560 / 535	705 / 685	970 / 960	1,355 / 1,335	585	705	970	1,340
СОР		3.4 / 3.5	3.4 / 3.4	3.2 / 3.2	3.0 / 3.0	3.4	3.4	3.2	3.0
Unit without Elec	tric Heat	er							
Min. circuit amp	OS ^{2,4,10}	3.7	4.9	7.4	8.5	3.2	4.4	5.8	7.4
CFM (cool/	high	330	330	330	400	340	330	330	400
wet coil)	low	245	264	245	314	245	264	245	314
CFM	high	317	298	303	376	340	318	342	390
(dry coil)	low	289	272	283	361	340	318	342	390
Ventilated air, (fan only)*	CFM *	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95
Dehumidifact (Pints/hr.)	tion	1.7	2.2	1.7	4.4	1.7	2.2	1.7	4.4
Net weight (I	bs.)	106	102	108	113	103	102	108	113
Ship weight (I	lbs.)	115	117	125	130	115	117	125	130

*Actual vent CFM performance will vary due to application and installation conditions. 95 CFM with Power Vent Fan option (Feature Code "v")

Notes

- ¹ All 265-volt models must use an Amana brand sub-base (PTSB4**E) or an Amana brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum voltage on 265-volt models is 239 volts; maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana brand 265-volt chassis). See heater performance.
- ⁵ Heating capacity and efficiency based on unit operation without condensate pump.
- ⁶ Specify two-digit heater kW size to complete model number.
- ⁷ R-410A refrigerant used in all systems.
- ⁸ All units meet or exceed ASHRAE 90.1 standards.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- ¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.



PRODUCT SPECIFICATIONS: HEC R32 J MODELS-COOLING/ELECTRIC HEAT

HEC R32 J Mode	els								
Model ^{1,5,6,6}	1,9	HEC073J **AXXX	HEC093J **AXXX	HEC123J **AXXX	HEC153J **AXXX	HEC074J **AXXX	HEC094J **AXXX	HEC124J **AXXX	HEC154J **AXXX
Voltage ^{1,3}	Voltage ^{1,3}		230 / 208	230 / 208	230 / 208	265	265	265	265
Capacity (BT	U/h)	7,000 / 7,000	9,200 / 9,000	11,700 / 11,400	14,800 / 14,500	7,000	9,200	11,800	14,800
Amps ¹⁰		3.1 / 3.1	4.1 / 4.1	6.1 / 6.1	7.0 / 7.0	2.7	3.6	4.8	6.1
Watts ¹⁰		530 / 515	690 / 680	1,015 / 965	1,355 / 1,305	550	700	1,045	1,375
EER		13.8 / 13.6	12.8 / 12.8	11.9 / 11.9	10.7 / 10.8	14	12.7	11.6	11.2
Unit without Ele	Init without Electric Heater								
Min. circuit am	ps ^{2,4,10}	3.7	4.9	7.4	8.5	3.2	2 4.4 5.8		7.4
CFM (cool/	high	330	290	330	400	330	290	330	400
wet coil)	low	245	264	245	314	245	264	245	314
CFM	high	342	318	316	412	342	318	316	412
(dry coil)	low	342	318	316	412	342	318	316	412
Ventilated air, (fan only)	CFM	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95
Dehumidifact (Pints/hr.)	ion	n 1.7 2.2 1.7 4.4 1.7 2.2		1.7	4.4				
Net weight (bs.)	106	102	108	113	103	102	108	113
Ship weight (lbs.)	115	117	125	130	115	117	125	130

*Actual vent CFM performance will vary due to application and installation conditions. 95 CFM with Power Vent Fan option (Feature Code "v")

PRODUCT SPECIFICATIONS: HEC R410A K MODELS-COOLING/ELECTRIC HEAT

HEC R410A K M	odels								
Model ^{1,5,6,8}	3,9	HEC073K **AXXX	HEC093K **AXXX	HEC123K **AXXX	HEC153K **AXXX	HEC074K **AXXX	HEC094K **AXXX	HEC124K **AXXX	HEC154K **AXXX
Voltage ^{1,3}	;	230 / 208	230 / 208	230 / 208	230 / 208	265	265	265	265
Capacity (BT	U/h)	7,000 / 7,000	9,200 / 9,000	11,700 / 11,400	14,800 / 14,500	7,000	9,200	11,800	14,800
Amps ¹⁰		3.1 / 3.1	4.2 / 4.2	6.1 / 6.1	7.1 / 7.1	2.8	3.6	4.9	6.2
Watts ¹⁰		545 / 530	720 / 705	1,005 / 990	1,390 / 1,370	575	745	1,065	1,440
EER		13.1 / 13.4	12.1 / 12.2	11.4 / 11.5	10.3 / 10.3	12.7	11.9	11.1	10.3
Unit without Ele	ctric Hea	ater							
Min. circuit am	ps ^{2,4,10}	3.7	4.9	4.9 7.4 8.5 3.2 4.4 5.8		7.4			
CFM (cool/	high	330	330	330	400	340	330	330	400
wet coil)	low	245	264	245	314	245	264	245	314
CFM	high	337	332	329	417	337	332	329	417
(dry coil)	low	337	332	329	417	337	332	329	417
Ventilated air, (fan only)	CFM *	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95
Dehumidifact (Pints/hr.)	tion	1.7 2.2 1.7 4.4 1.7 2.2 1.7		1.7	4.4				
Net weight (I	bs.)	106	102	108	113	103	102	108	113
Ship weight (lbs.)	115	117	125	130	115	117	125	130

*Actual vent CFM performance will vary due to application and installation conditions. 95 CFM with Power Vent Fan option (Feature Code "v")

Notes

- ¹ All 265-volt models must use an **Amana** brand sub-base (PTSB4**E) or an **Amana** brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum voltage on 265-volt models is 239 volts; maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana brand 265-volt chassis). See heater performance.
- ⁵ Heating capacity and efficiency based on unit operation without condensate pump.
- ⁶ Specify two-digit heater kW size to complete model number.
- ⁷ R32 refrigerant used in all systems.
- ⁸ All units meet or exceed ASHRAE 90.1 standards.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- ¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.

Notes

- ¹ All 265-volt models must use an Amana brand sub-base (PTSB4**E) or an Amana brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum voltage on 265-volt models is 239 volts; maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana brand 265-volt chassis). See heater performance.
- ⁵ Heating capacity and efficiency based on unit operation without condensate pump.
- ⁶ Specify two-digit heater kW size to complete model number.
- ⁷ R-410A refrigerant used in all systems.
- ⁸ All units meet or exceed ASHRAE 90.1 standards.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- ¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.



PRODUCT SPECIFICATIONS: HEH R32 J MODELS (HIGH-EFFICIENCY HEAT PUMPS) COOLING/HEAT PUMP/ELECTRIC HEAT

HEH R32 J Mode	els							
Model ^{1,5,6}	,8,9	HEH073J **AXXX	HEHO93J **AXXX	HEH123J **AXXX	HEH153J **AXXX	HEH074J **AXXX	HEH094J **AXXX	HEH124J **AXXX
Cooling								
Voltage ¹	3	230 / 208	230 / 208	230 / 208	230 / 208	265	265	265
Capacity (BT	U/h)	7,100 / 7,100	9,000 / 9,000	12,000 / 11,600	14,500 / 14,400	7,300	9,100	12,100
Amps ¹⁰		3.0	3.9	5.4	6.7	2.7	3.35	4.7
Watts ¹⁰		530 / 515	690 / 680	1,015 / 965	1,355 / 1,305	550	700	1,045
EER		13.3 / 13.7	13.0 / 13.2	11.8 / 12.0	10.7 / 11.0	13.3	13	11.6
Heating								
Capacity (BT	U/h)	6,300 / 6,100	8,200 / 8,000	11,100 / 10,900	14,400 / 14,200	6,600	8,300	11,600
Amps ¹⁰		3.0	3.9	5.4 6.7		2.7	3.35	4.7
Watts ¹⁰		470 / 455	615 / 600	955 / 935	1,315 / 1,300	495	640	1,000
COP		3.9 / 3.9	3.9 / 3.9	3.4 / 3.4	3.2 / 3.2	3.9	3.8 3.4	
Unit without Ele	ctric Heat	er						
Min. circuit am	nps ^{2,4,10}	3.7	4.9	7.4	8.5	3.2	4.4	5.8
CFM (cool/	high	330	290	330	400	330	290	330
wet coil)	low	245	264	245	314	245	264	245
CFM	high	339	312	293	354	339	312	311
(dry coil)	low	339	312	291	354	339	312	311
Ventilated air (fan only)	, CFM)*	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95
Dehumidifac (Pints/hr	ction .)	1.7	2.2	1.7	4.4	1.7	2.2	1.7
Net weight ((lbs.)	106	102	108	113	103	102	108
Ship weight	(lbs.)	115	117	125	130	115	117	125

*Actual vent CFM performance will vary due to application and installation conditions, 95 CFM with Power Vent Fan option (Feature Code "v")

Notes

- ¹ All 265-volt models must use an **Amana** brand sub-base (PTSB4**E) or an **Amana** brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum voltage on 265-volt models is 239 volts; maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana brand 265-volt chassis). See heater performance.
- ⁵ Heating capacity and efficiency based on unit operation without condensate pump.
- ⁶ Specify two-digit heater kW size to complete model number.
- ⁷ R32 refrigerant used in all systems.
- ⁸ All units meet or exceed ASHRAE 90.1 standards.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- ¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.

PRODUCT SPECIFICATIONS: HEH R410A K MODELS (HIGH-EFFICIENCY HEAT PUMPS) COOLING/HEAT PUMP/ELECTRIC HEAT

HEH R410A K Mo	dels							
Model ^{1,5,6,8}	,9	HEH073K **AXXX	НЕН093К **АХХХ	HEH123K **AXXX	HEH153K **AXXX	HEH074K **AXXX	HEH094K **AXXX	HEH124K **AXXX
Cooling								
Voltage ^{1,3}		230 / 208	230 / 208	230 / 208	230 / 208	265	265	265
Capacity (BTU	J/h)	7,100 / 7,100	9,000 / 9,000	11,600 / 11,400	14,200 / 14,000	7,200	9,100	11,600
Amps ¹⁰		3.1	4.3	5.8	7.2	2.9	3.5	5.2
Watts ¹⁰		545 / 530	720 / 705	1,005 / 990	1,390 / 1,370	575	745	1,065
EER		13.0 / 13.3	12.5 / 12.7	11.5 / 11.5	10.2 / 10.2	12.5	12.2	10.9
Heating								
Capacity (BTU	J/h)	6,500 / 6,400	8,200 / 8,000	10,600 / 10,500	13,900 / 13,700	6,800	8,300	10,600
Amps ¹⁰		3.1	4.3	5.8	7.2	2.9	3.5	5.2
Watts ¹⁰		510 / 490	665 / 650	940 / 930	1,310 / 1,295	555	695	940
COP	COP 3.7 / 3.8 3.6 / 3.6 3.3 / 3.3 3.1 / 3.1 3.6 3.5		3.5	3.3				
Unit without Elec	tric Heat	er						
Min. circuit amp	OS ^{2,4,10}	3.7	4.9	7.4	8.5	3.2	4.4	5.8
CFM (cool/	high	330	330	330	400	340	330	330
wet coil)	low	245	264	245	314	245	264	245
CFM	high	319	292	293	358	319	292	320
(dry coil)	low	319	292	290	358	319	292	320
Ventilated air, (fan only)*	CFM	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95	65 - 95
Dehumidifact (Pints/hr.)	ion	1.7	2.2	1.7	4.4	1.7	2.2	1.7
Net weight (II	reight (lbs.) 106 102 108 113 103 102		102	108				
Ship weight (I	bs.)	115	117	125	130	115	117	125

*Actual vent CFM performance will vary due to application and installation conditions, 95 CFM with Power Vent Fan option (Feature Code "v")

Notes

- ¹ All 265-volt models must use an **Amana** brand sub-base (PTSB4**E) or an **Amana** brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum voltage on 265-volt models is 239 volts; maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana brand 265-volt chassis). See heater performance.
- ⁵ Heating capacity and efficiency based on unit operation without condensate pump.
- ⁶ Specify two-digit heater kW size to complete model number.
- ⁷ R-410A refrigerant used in all systems.
- ⁸ All units meet or exceed ASHRAE 90.1 standards.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- ¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.



PRODUCT SPECIFICATIONS: PMH R32 J MODELS-COOLING/HEAT PUMP/ELECTRIC HEAT

MH R32 J Models	reliminary						
Model ^{1,5,6,8,9}	PMH073J **AXXX	PMH093J **AXXX	PMH123J **AXXX	PMH153J **AXXX	PMH074J **AXXX	PMH094J **AXXX	PMH124. **AXXX
ooling							
Voltage ^{1,3}	230 / 208	230 / 208	230 / 208	230 / 208	265	265	265
Capacity (BTU/h)	6,900 / 6,700	8,700 / 8,700	11,400 / 11,200	14,400 / 14,200	7,300	9,000	12,000
Amps ¹⁰	4.4 / 4.4	5.2 / 5.2	6.7 / 6.7	8.1 / 8.1	3.8	4.5	5.8
Watts ¹⁰	545 / 525	700 / 695	1,005 / 970	1,410 / 1,350	585	730	1,090
EER	12.6 / 12.7	12.4 / 12.5	11.3 / 11.5	10.2 / 10.5	12.4	12.3	11.0
eating							
Capacity (BTU/h)	6,200 / 6,100	7,800 / 7,600	10,600 / 10,400	13,900 / 13,700	6,500	8,000	11,300
Amps ¹⁰	4.4	5.2	6.7	8.1 / 8.1	3.8	4.5	6.7
Watts ¹⁰	505 / 495	635 / 615	940 / 920	1,355 / 1,295	540	670	1035
COP	3.6 / 3.6	3.6 / 3.6	3.3 / 3.3	3.0 / 3.1	3.5	3.5	3.2
CFM (cooling)	339 / 339	312 / 312	291 / 293	354 / 354	339	312	311
CFM (heating)	378 / 378	345 / 345	320 / 323	370 / 370	378	345	327
Kit fresh air, CFM*	25 - 35	25 - 35	25 - 35	25 - 35	25 - 35	25 - 35	25 - 35
Kit dehumidifier (Oz/hr.)	5	5	5	5	5	5	5

*Actual vent CFM performance will vary due to application and installation conditions.

Notes

- ¹ All 265-volt models must use an **Amana** brand sub-base (PTSB4**E) or an **Amana** brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum voltage on 265-volt models is 239 volts; maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana brand 265-volt chassis). See heater performance.
- ⁵ Heating capacity and efficiency based on unit operation without condensate pump.
- ⁶ Specify two-digit heater kW size to complete model number.
- ⁷ R32 refrigerant used in all systems.
- ⁸ All units meet or exceed ASHRAE 90.1 standards.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- ¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.

PRODUCT SPECIFICATIONS: PMC R32 MODELS-COOLING/HEAT PUMP/ELECTRIC HEAT

PMC R32 J Models	Preliminary							
Model ^{1,5,6,8,9}	PMC073J **AXXX	PMC093J **AXXX	PMC123J **AXXX	PMC153J **AXXX	PMC074J **AXXX	PMC094J **AXXX	PMC124J **AXXX	PMC154J **AXXX
Voltage ^{1,3}	230 / 208	230 / 208	230 / 208	230 / 208	265	265	265	265
Capacity (BTU/h)	6,800 / 6,700	9,000 / 8,700	11,800 / 11,700	14,500 / 14,400	6,800	9,000	11,800	14,500
Amps ¹⁰	4.4 / 4.4	5.2 / 5.2	6.7 / 6.7	8.1 / 8.1	3.8	4.5	5.8	7.2
Watts ¹⁰	535 / 520	730 / 715	1,025 / 1,015	1,390 / 1,370	535	750	1,070	1,380
EER	12.7 / 12.8	12.3 / 12.1	11.5 / 11.5	10.4 / 10.5	12.7	12	11	10.5
CFM	342 / 342	318 / 318	316 / 316	412 / 412	342	318	316	412
Kit fresh air, CFM*	25 - 35	25 - 35	25 - 35	25 - 35	25 - 35	25 - 35	25 - 35	25 - 35
Kit dehumidifier (Oz/h	r) 5	5	5	5	5	5	5	5

*Actual vent CFM performance will vary due to application and installation conditions.

PRODUCT SPECIFICATIONS: ALL MODELS-ELECTRIC HEAT PERFORMANCE

Voltago	Electric Heater	No. of	Nomina	l Heating ((BTU/h)		Total Amos	Min. Circuit	MOP⁴	Power
voltage	Size (kW)	Stages	@230V	@208V	@265V			Ampacity ²	(Amps)	Cord
230 / 208	1.5 / 1.3	1	5,100	4,200	-	1,570 / 1,295	6.8 / 6.2	14.1	15	6 - 15 P
230 / 208	2.5 / 2.1	1	8,500	6,800	-	2,570 / 2,115	11.2 / 10.1	19.5	15	6 - 15 P
230 / 208	3.5 / 3.0	1	12,000	9,900	-	3,570 / 2,935	15.5 / 14.1	27.6	20	6 - 20 P
230 / 208	5.0 / 4.1	1	17,100	14,000	-	5,070 / 4,160	22.1 / 20.0	27.6	30	6 - 30 P
265	2.5	1	-	-	5,100	1,570	5.9	7.4	15	7 - 20 P
265	3.7	1	-	-	8,500	2,570	9.7	12.2	15	7 - 20 P
265	5.0	1	-	-	12,600	3,770	14.2	17.9	20	7 - 30 P
265	5.0	1	-	-	17,100	5,070	19.2	23.9	25	7 - 30 P

Notes

- ¹ All 265-volt models must use an **Amana** brand sub-base (PTSB4**E) or an **Amana** brand hard-wire kit PTPWHWK4 and disconnect switch PSHW04A.
- ² Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- ³ Minimum voltage on 230/208-volt models is 197 volts; maximum is 253 volts. Minimum voltage on 265-volt models is 239 volts; maximum is 292 volts.
- ⁴ Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265-volt models must be cartridge-style time-delay fuses (included and factory-installed on all Amana brand 265-volt chassis). See heater performance.
- ⁵ Heating capacity and efficiency based on unit operation without condensate pump.
- ⁶ Specify two-digit heater kW size to complete model number.
- ⁷ R32 or R410A refrigerant used in all systems.
- ⁸ All units meet or exceed ASHRAE 90.1 standards.
- ⁹ All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- ¹⁰ Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.



(Primary heating for PTC, HEC, PMC Models; auxiliary heating for PTH, HEH, PMH models; see below for power cord configuration)





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