

**BULLITT
COUNTY
PUBLIC
SCHOOLS**

DANNY CLEMENS, DIRECTOR
TRACY PARSLEY, MAINTENANCE SUPERVISOR
THOMAS STOKES, CUSTODIAL SUPERVISOR
GEORGE BROCK, ENERGY MANAGER

DEPARTMENT OF FACILITIES

MEMO

TO: Dr. Jesse Bacon, Superintendent

FROM: Danny Clemens, Director of Facilities

Date: March 24, 2025

RE: Baseball/Softball Fields -Change Order 18 - BEHS - Track Bleacher Pad, Batting Cage Extension and Press Box **DC**

This Change Order includes miscellaneous modifications and improvements at the Bullitt East High School Site.

Work includes increasing the size of the batting tunnel slab to accept batting tunnel equipment selected by BCPS, revising the concrete slabs and storm drain system to accommodate the final softball bleacher design, adding PTAC cooling units to the softball press box and the addition of a concrete bleacher pad at the track to accept two salvaged bleacher banks.

I recommend approval of this request.

Attached paperwork is listed below with *action items* noted for each:

- *BP-1 - G701-2017 - CO 18 - Calhoun – BEHS - for Board Signature.*
- *BP-1 - FACPAC - CO 18 - BEHS - Track Bleacher Pad, Batting Cage Extension and Press Box PTAC - for Board Signature*
- *COR-39 BEHS Batting Cage Relocation - No action – for Board Reference*
- *COR-41 BEHS Bleacher Pad Trench Drain - No action – for Board Reference*
- *COR-43 RFP-14 BEHS Pressbox & PTAC - No action – for Board Reference*
- *COR-46 BEHS RFP-15 - No action – for Board Reference*

OUR MISSION IS TO INSPIRE AND EQUIP OUR STUDENTS TO SUCCEED IN LIFE

BULLITT COUNTY PUBLIC SCHOOLS IS AN EQUAL EDUCATION AND EMPLOYMENT INSTITUTION



AIA®

Document G701® - 2017

Change Order

PROJECT: *(Name and address)*
 BCPS - Phase II Athletics - Bid Package
 No. 1 - Baseball and Softball
 Bullitt County, Kentucky

OWNER: *(Name and address)*
 Bullitt County Public Schools Board of
 Education
 1040 Hwy 44 East
 Shepherdsville, KY 40165

CONTRACT INFORMATION:
 Contract For: General Construction

Date: July 29, 2024

ARCHITECT: *(Name and address)*
 Studio Kremer Architects, Inc.

1231 S. Shelby Street
 Louisville, KY 40203

CHANGE ORDER INFORMATION:
 Change Order Number: 018

Date: March 24, 2025

CONTRACTOR: *(Name and address)*
 Calhoun Construction Services, Inc.

7707 National Turnpike
 Louisville, Kentucky 40218

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

See CORs #39,41,43 and 46 and RFPs #14 and 15 for scope of Work included in this Change Order.

| | |
|--|------------------|
| The original Contract Sum was | \$ 18,661,831.00 |
| The net change by previously authorized Change Orders | \$ 1,513,615.50 |
| The Contract Sum prior to this Change Order was | \$ 20,175,446.50 |
| The Contract Sum will be increased by this Change Order in the amount of | \$ 61,860.00 |
| The new Contract Sum including this Change Order will be | \$ 20,237,306.50 |

The Contract Time will be unchanged by Zero (0) days.

The new date of Substantial Completion will be

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Studio Kremer Architects, Inc.

Calhoun Construction Services, Inc.

Bullitt County Public Schools Board of
 Education

ARCHITECT *(Firm name)*

CONTRACTOR *(Firm name)*

OWNER *(Firm name)*

Catherine N. Ward

SIGNATURE

SIGNATURE

SIGNATURE

Catherine Noble Ward, AIA

PRINTED NAME AND TITLE

Joel Pittard, Project Manager

PRINTED NAME AND TITLE

Dr. Jesse Bacon, Superintendent

PRINTED NAME AND TITLE

3-22-2025

DATE

DATE

DATE

FACPAC Contract Change Order Supplemental Information Form (Ref# 62001)

Form Status: Saved

Tier 1 Project: Phase 2 Athletics and Fieldhouses

BG Number: 24-192

District: Bullitt County (HB678) (071)

Status: Active

Phase: Project Initiation (View Checklist)

Contract: Calhoun Construction Services , 0001, Baseball and Softball Field Improvements -
General Construction

Type: General Contractor

Proposed

| | |
|-----------------------------|-----------|
| Change Order Number | 18 |
| Time Extension Required | No |
| Date Of Change Order | 3/24/2025 |
| Change Order Amount To Date | Increase |

Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

| | |
|------------------------------|----------------|
| Current Approved Amount | \$2,907,023.76 |
| Net Approved COs | \$-743,004.58 |
| Remaining After Approved COs | \$3,650,028.34 |
| Net All COs | \$-700,054.95 |
| Remaining After All COs | \$3,607,078.71 |

This Requested Change Order Amount \$61,860.00

+/-

Change In A/E Fee This Change Order \$3,093.00

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$3,607,078.71

Balance

Contract Change Requested By Architect/Engineer; General Contractor; BCPS
Leadership

Contract Change Reason Code Code Compliance; Expansion of Scope; Improved
Plans/Specs; Bleacher System Coordination

Change Order Description And Justification

This change order includes miscellaneous modifications and improvements at the Bullitt East High School Site.

Work includes increasing the size of the batting tunnel slab to accept batting tunnel equipment

selected by BCPS, revising the concrete slabs and storm drain system to accommodate the final softball bleacher design, adding PTAC cooling units to the softball press box and the addition of a concrete bleacher pad at the track to accept two salvaged bleacher banks.

Cost Benefit To Owner

Work can commence with trades already on site and avoid the added cost of mobilization and general conditions.

Contract unit prices have been utilized No to support the cost associated with this change order.

Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

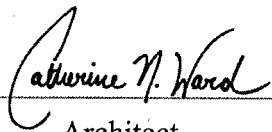
| Detail Item | Amount | Percent of Total |
|------------------------------|--------------------|------------------|
| Labor | \$31,220.50 | 50.47% |
| Materials | \$22,256.72 | 35.98% |
| Profit and Overhead | \$7,764.78 | 12.55% |
| Bond Insurance | \$618.00 | 1.00% |
| Cost Breakdown Total: | \$61,860.00 | |

Cost for this Change Order supported No by an alternate bid or competitive price quote

Explain Why

Work can commence with trades already on site and maintain the current Construction Schedule.

Change Order Supplemental Information Form Signature Page (Online Form Ref# 62001)



Architect

3-22-2025

Date

N/A

Construction Manager

Date

Finance Officer

Date

Local Board of Education Designee

Date

Change Order Request 39 - PCO #72 - BEHS Batting Cage Relocation

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

2/13/2025



Summary of work

BEHS Batting Cage Relocation

| Scope | Subcontractor | Description | Cost |
|-------|---------------|-------------|------------|
| | | | \$3,419.00 |

- o Concrete, Footers/Foundations/Slabs - CCS Concrete ==> BEHS Batting Cage Relocation ==> \$3,093.00
- o Electrical - KES ==> No Cost
- o Calhoun Contract Unit Prices ==> \$326.00

Sub Total: \$3,419.00

Bond: \$38.00

Fee: \$342.00

Total \$3,799.00

Approved By: _____

Date: _____

Submitted By: Calhoun

Date: 2/13/2025

Proposal

February 12, 2025

Calhoun Construction Services
7707 National Turnpike, Suite 400
Louisville, KY. 40214

Attention: Mr. Joel Pittard
Project Manager

RE: RFI 47-Bullitt East Sitework Changes at Baseball Field Conflict

Mr. Pittard

We propose to furnish all labor, materials, equipment and supervision to perform the following scope of work required for the additional work listed below at Bullitt East High School:

- 1.) Increase width of Baseball Batting cage from 15' to 17.5'. This is a 6" slab.
Calhoun to provide concrete and coordination with Batting Cage Sleeves.
- 2.) Add a 5'-0" wide access sidewalk adjacent to the batting cage at new location. This is a 4" Slab
- 3.) Calhoun to provide concrete in lieu of lawn at the area next to the Home Baseball Dugout.

Item 1: Second Batting Cage

Price for widened Batting Cage using 6" slab unit price (\$95.50/SY):..... \$2,005.00
\$106.00/SY CCS Contract Unit Price = \$2,225.00

Item 2: Sidewalk Extension at revised batting cage location

Price for sidewalk extension using 4" slab unit price (\$87/ SY):..... \$1,088.00
\$95.50/SY CCS Contract Unit Price = \$1,194.00

Grand Total:.....\$3,093.00

Clarifications:

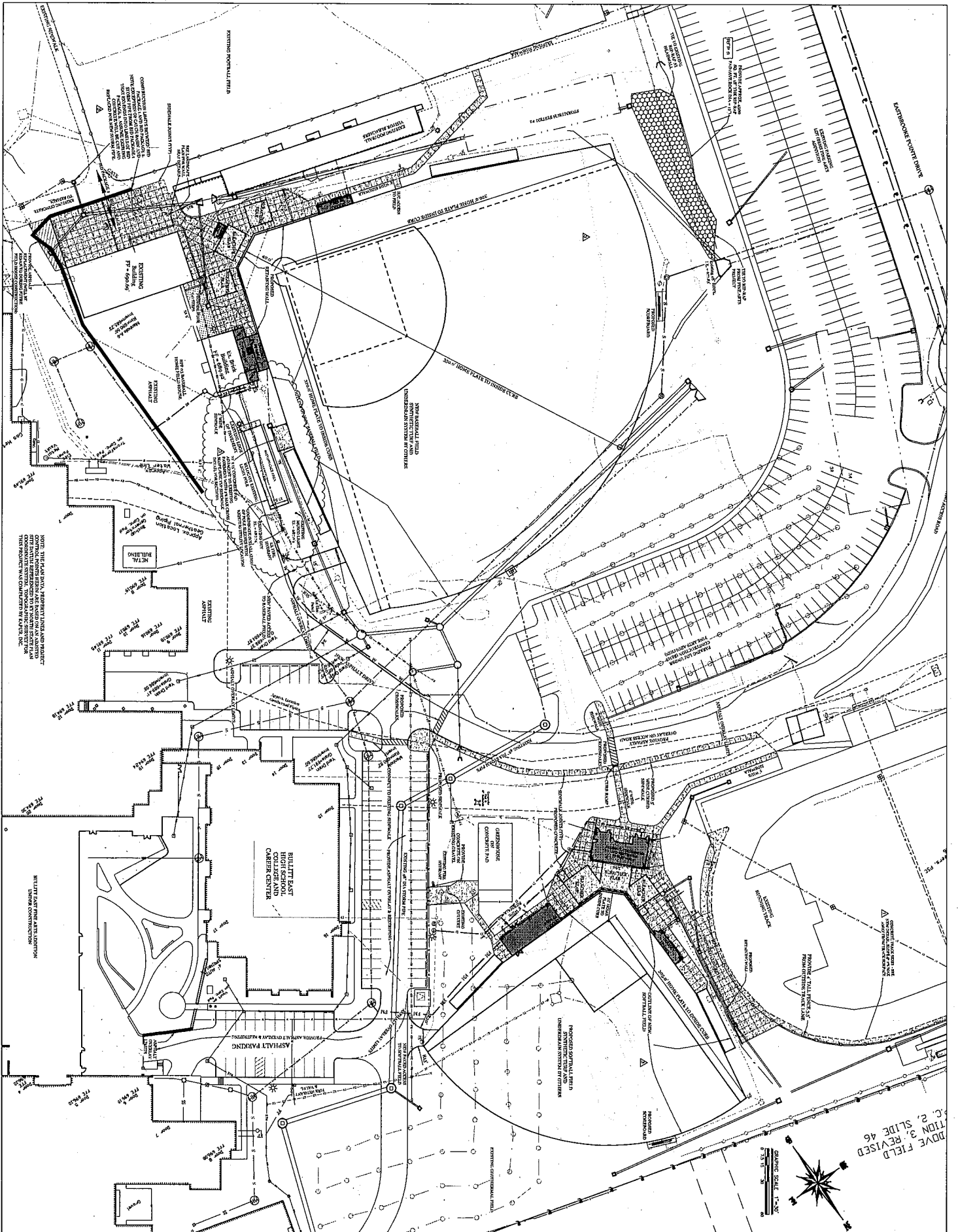
- Work is to take place Monday Thru Friday 7:00 AM To 4:00 PM, during regular working hours.

Should you have any questions, concerns or require additional information, please feel free to contact me.

Very respectfully,

Sarah Vanderside
CCS Concrete – Project Manager
Office Phone 502-493-1332 ext. 1342
Mobile Phone 502-275-9722
Email: sarahvanderside@calhounconstructs.com





CONSTRUCTION DOCUMENTS – ISSUED FOR BID

| | | | | | |
|--|---|--|---|---|---|
| <p>BEHS C1.30 2023-50</p> | <p>DATE: 24-1-22 DRAWN BY: JWH CHECKED BY: JWH REVISIONS:</p> | <p>SITE LAYOUT BASEBALL & SOFTBALL BULLITT EAST HIGH SCHOOL</p> <p>BCPS PHASE II ATHLETICS BULLITT COUNTY PUBLIC SCHOOLS SHEPHERVILLE MT WASHINGTON, KENTUCKY</p> |  <p>BUZICK CONSTRUCTION INC 302 Westwood Ave Herdstown, Ky. 40041 Phone: (502) 248-6491</p> |  <p>1231 S Shelby St. Louisville, KY 40203 Tel: 502-499-1100 Fax: 502-499-1101</p> |  <p>1231 S Shelby St. Louisville, KY 40203 Tel: 502-499-1100 Fax: 502-499-1101</p> |
| | <p>SCALE: 1"=30' N</p> <p>ADDED FIELD SECTION 3, REVISED 46</p> | | | | |

Change Order Request 41 - PCO #54 - BE SB Bleacher pads-trench drain-storm

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

2/19/2025



Summary of work

BE SB Bleacher pads-trench drain-storm

| Scope | Subcontractor | Description | Cost |
|-------|---------------|-------------|-------------|
| | | | \$21,236.00 |

- o Concrete, Footers/Foundations/Slabs - CCS Concrete ==> BEHS SB Bleacher Pad & Trench Drain ==> \$1,232.00
- o Site Work - JR Contracting ==> BEHS SB Bleacher Pad & Trench Drain ==> \$19,616.00
- o Calhoun Contracted Unit Prices ==> \$388.00

Sub Total: \$21,236.00

Bond: \$236.00

Fee: \$2,124.00

| | |
|--------------|--------------------|
| Total | \$23,596.00 |
|--------------|--------------------|

Approved By: _____

Date: _____

Submitted By: Calhoun

Date: 2/19/2025

Proposal

February 12, 2025

Calhoun Construction Services
7707 National Turnpike, Suite 400
Louisville, KY. 40214

Attention: Mr. Joel Pittard
Project Manager

RE: Bullitt East Trench Drain

Mr. Pittard

We propose to furnish all labor, materials, equipment and supervision to perform the following scope of work required for the additional work listed below at Bullitt East High School:

Installation of Trench Drain at Softball Field Bleacher Pads

Installation of Trench Drain at Softball Field

Price for Installation of Trench Drain at Softball Field (Labor Only)..... \$1,232.00

Clarifications:

- Work is to take place Monday Thru Friday 7:00 AM To 4:00 PM, during regular working hours.

Should you have any questions, concerns or require additional information, please feel free to contact me.

Very respectfully,

Sarah Vanderside
CCS Concrete – Project Manager
Office Phone 502-493-1332 ext. 1342
Mobile Phone 502-275-9722
Email: sarahvanderside@calhounconstructs.com



Lyons, Tonya

From: Sam Scudder <Sam@jrconstruct4u.com>
Sent: Friday, January 17, 2025 12:21 PM
To: Lyons, Tonya; Pittard, Joel
Subject: East - softball bleacher pad/trench drain RFP
Attachments: Softball bleacher pad trench drain -JR scope.pdf

Categories: BCPS - BP-1 Ball Fields Pricing

Tonya/Joel-

Attached is the drawing Joel provided JR on 1/17/25. I have marked up JR's scope for clarity.

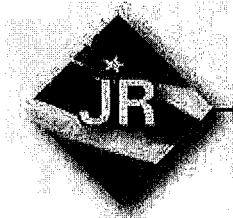
Pricing summary below

- ADD 6" storm pipe, 25 LF = \$832
- ADD 12" storm pipe, 50 LF = \$2017
- ADD storm structures, 2/EA = \$4400 CCS Unit price Stormwater Manhole \$2,310/ea = \$4,620
- ADD DGA/grading, approx. 70 CY = \$3052 CCS Unit price stone \$46/CY = \$3,220
- ADD trench drain- provide material only = \$9315

Total = \$19,616

CCS Contract Unit Price = \$388.00

Sam Scudder
Project Manager



JR Contracting, Inc.
P.O Box 2817
Clarksville, IN 47131
C|513-237-4074
O|812-968-4797
Sam@jrconstruct4u.com

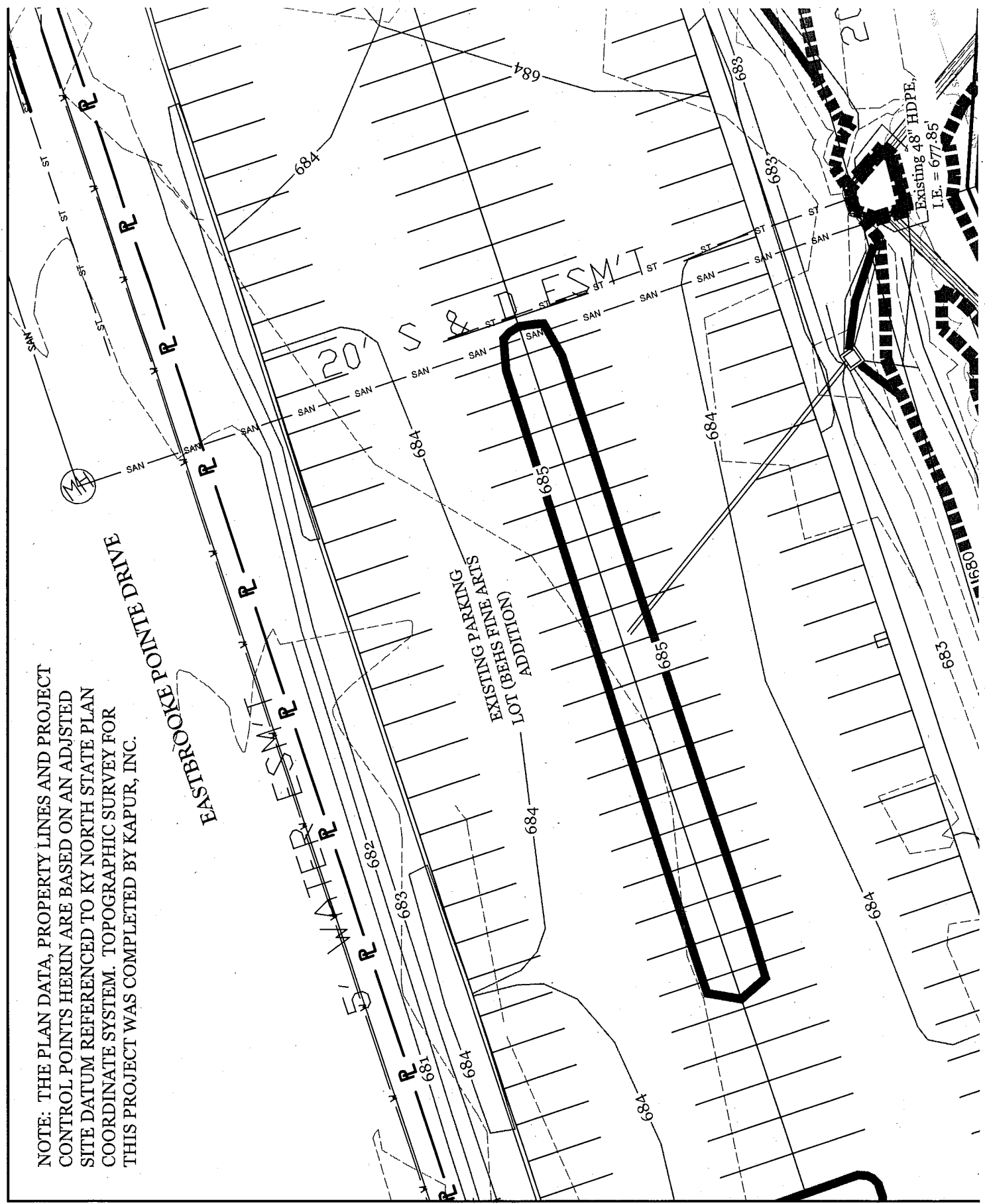
NOTE: THE PLAN DATA, PROPERTY LINES AND PROJECT CONTROL POINTS HERIN ARE BASED ON AN ADJUSTED SITE DATUM REFERENCED TO KY NORTH STATE PLAN COORDINATE SYSTEM. TOPOGRAPHIC SURVEY FOR THIS PROJECT WAS COMPLETED BY KAPUR, INC.

EASTBROOKE POINT DRIVE

WATER ESMR

EXISTING PARKING
LOT (BEHIND FINE FIELDS)
ADDRESS

Existing 48" HDPE,
I.E. = 677.85'



GENERAL NOTES

1. IT IS CUSTOMERS RESPONSIBILITY TO ENSURE THAT EACH PRODUCT IS FIT FOR ITS INTENDED PURPOSE AND THAT THE ACTUAL CONDITIONS ARE SUITABLE.
2. IT IS THE CUSTOMERS RESPONSIBILITY TO FOLLOW ACO, INC. INSTALLATION INSTRUCTIONS FOR EACH PRODUCT. SEEK ENGINEERING ADVICE FOR INSTALLATIONS NOT ILLUSTRATED IN THE INSTALLATION GUIDELINES.
3. FOR FURTHER PRODUCT INFORMATION, CUT SHEETS, SPECIFICATIONS AND INSTALLATION INSTRUCTIONS, PLEASE VISIT US AT OUR WEBSITE: WWW.ACOSWM.COM/DRAIN
4. ACO IS NOT RESPONSIBLE TO ENSURE PROPER FLOW TO SYSTEMS OUTLETS OR CATCH BASINS, REFER TO GRADING PLANS. ALL TRENCH DRAIN LAYOUTS ARE DESIGNED AT 0.0% LONGITUDINAL PAVEMENT SLOPE UNLESS OTHERWISE NOTED.
5. THIS TRENCH DRAIN LAYOUT **DRAWING** IS ONLY INTENDED TO BE USED AS A GUIDELINE. REFERENCE CONSTRUCTION DOCUMENTS FOR FURTHER INFORMATION.

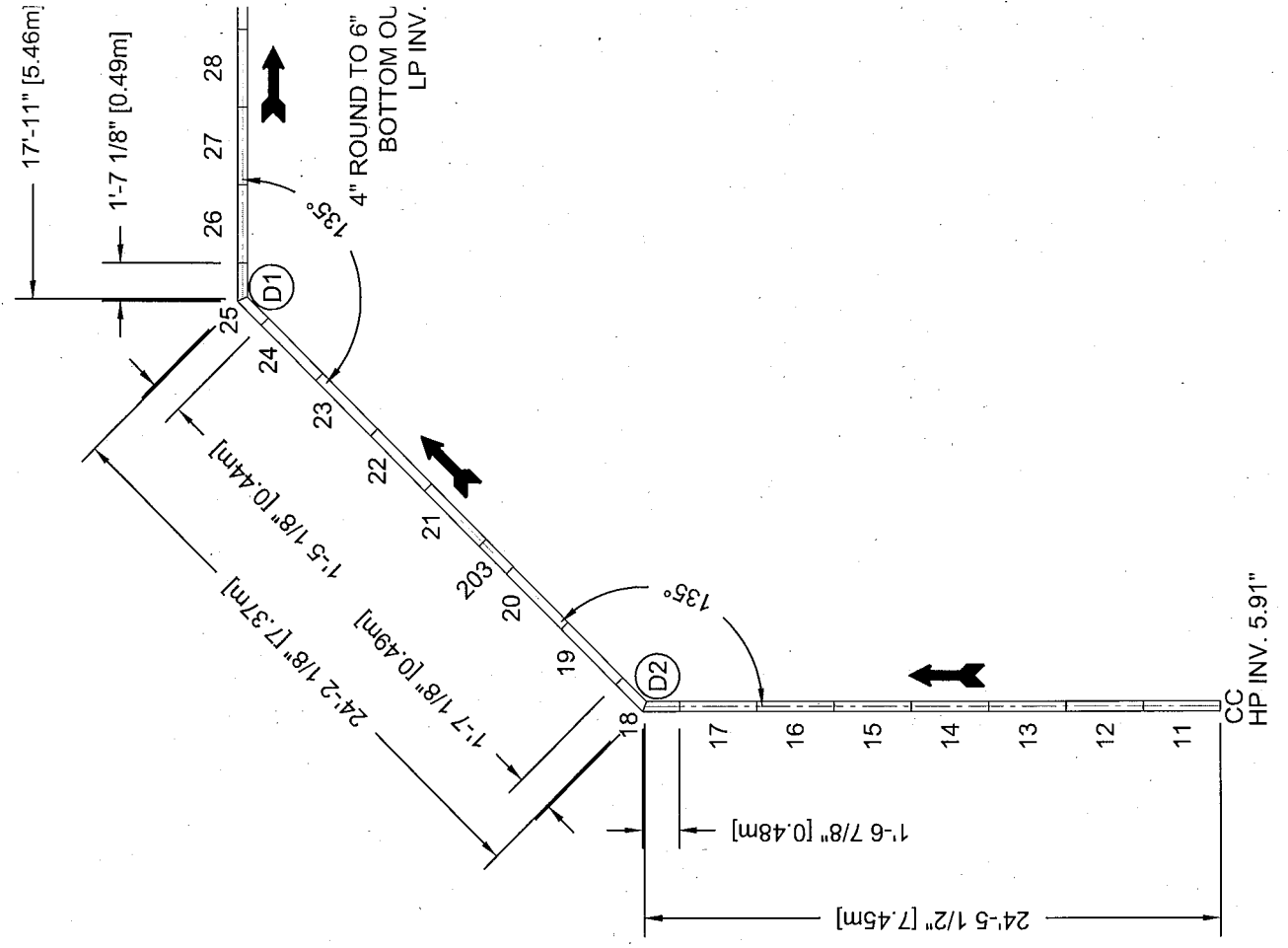
TRENCH NOTES

1. ALL FABRICATIONS TO BE COMPLETED BY ACO, INC.
2. DIMENSIONS ARE FROM CENTERLINE.
3. **INSTALLING CONTRACTOR TO VERIFY ENTIRE SCOPE OF TRENCH DRAIN HAS BEEN PROVIDED FOR THIS PROJECT BY ACO, INC**
4. **LAYOUT IS BASED ON SHEET C1.40 PROVIDED TO ACO, INC. TECHNICAL SERVICES DEPARTMENT.**

REQUIRED FABRICATIONS

(D#)

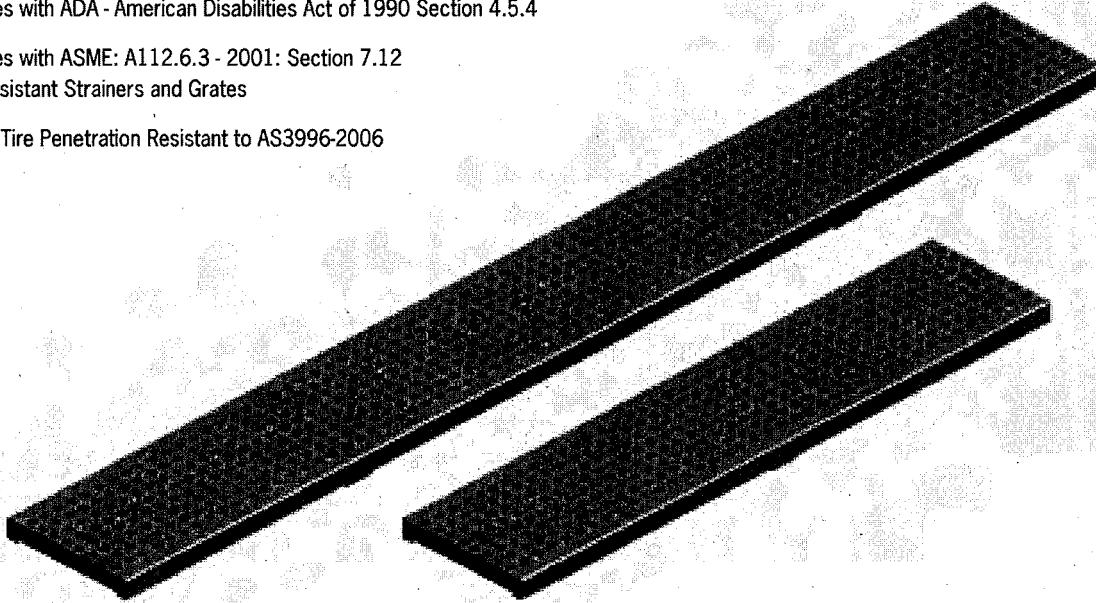
MITERS



Type 451D/453D Perforated stainless steel grate (ADA)

Product Features

- Certified to EN 1433 Load Class A - 3,500 lbs - 70 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from 16 gauge, grade 304 stainless steel
- Patented reinforcement underneath designed to prevent bowing and collapse
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Complies with ASME: A112.6.3 - 2001: Section 7.12 Heel Resistant Strainers and Grates
- Bicycle Tire Penetration Resistant to AS3996-2006



Specifications

General

The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels*, complete with ACO Type 451D/453D Perforated stainless steel grate with 'DrainLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

Materials

The covers shall be manufactured from stainless steel and have **minimum** properties as follows:

- **Independently certified to meet Load Class A to EN 1433 - 3,500 lbs - 70 psi**
- **16 gauge, grade 304 stainless steel**
- **Intake area of 14.1 sq. in. (91.0 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 451D) and 19.69" (500mm) (Type 453D). Perforations measure 0.25" (6.35mm) in diameter.

Installation

The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.

* delete as appropriate

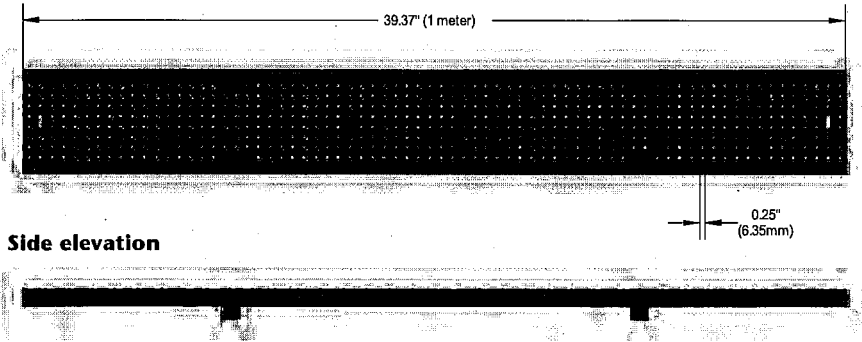
ACO Specification Information



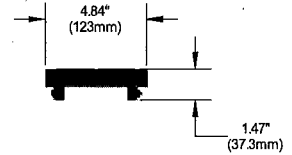
ACO DRAIN

Type 451D/453D Perforated stainless steel grate (ADA)

Plan view

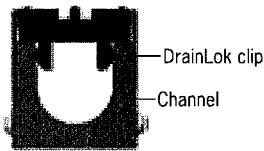


Side elevation



| Description | Part No. | Length Inches (mm) | Width Inches (mm) | Weight lbs. |
|--|----------|-----------------------|----------------------|----------------|
| DrainLok grates | | | | |
| Type 451D Perforated stainless steel grate | 12664 | 39.37 (1000) | 4.84 (123) | 6.3 |
| Type 453D Perforated stainless steel grate | 12665 | 19.69 (500) | 4.84 (123) | 3.2 |

'DrainLok' locking mechanism



ACO DrainLok™ is a patented, boltless locking system that removes the need for bolts and bars and improves the hydraulic capacity of the channel. The DrainLok™ mechanism simply clips into the channel edge rail for rapid installation. ACO DrainLok™ grates are fitted with an anti-shunt mechanism that restricts unwanted grate movement when installed, improving durability and longevity of the system.

ACO Polymer Products, Inc.

Northeast Sales Office
 9470 Pinecone Drive
 Mentor, OH 44060
 Tel: (440) 639-7230
 Toll free: (800) 543-4764
 Fax: (440) 639-7235

West Sales Office
 825 W. Beechcraft St.
 Casa Grande, AZ 85122
 Tel: (520) 421-9988
 Toll Free: (888) 490-9552
 Fax: (520) 421-9899

Southeast Sales Office
 4211 Pleasant Road
 Fort Mill, SC 29708
 Toll free: (800) 543-4764
 Fax: (803) 802-1063

Follow us on



Electronic Contact:
 info@ACODrain.us
 www.ACODrain.us



© August 2017 ACO Polymer Products, Inc. This information is believed to be accurate but it is not guaranteed to be so. We cannot assume liability for results that buyer obtains with our product since conditions of use are beyond the control of the company. It is the customer's responsibility to evaluate suitability and safety of product for his own use. ACO Polymer Products Inc. reserves the right to change the product and specifications without notice.

UNIT PRICES:

Indicate on the lines below those unit prices to determine any adjustment to the contract price due to changes in work or extra work performed under this contract. The unit prices shall include the furnishing of all labor and materials, cost of all items, and overhead and profit for the Contractor, as well as any subcontractor involved. These unit prices shall be listed in units of work.

A maximum of 40 unit prices will be acceptable with each bid. Do not add supplemental sheets for unit pricing to this document.

The bidder shall submit the list of unit prices 1-hour after the Bid

| | WORK (to be filled out by the Architect) | PRICE / UNIT (to be filled out by the Contractor) | UNIT |
|-----|--|---|-------------|
| 1. | Soil excavation below building foundations / Trench excavation | 20.00 | C.Y. |
| 2. | Mass Soil excavation below slab on grade | 32.00 | C.Y. |
| 3. | Rock excavation below building foundations / Trench excavation | 250.00 - Trench rock 378.00 - Mass rock | C.Y. |
| 4. | A. FROM SITE - Engineered soil fill, compacted per specifications. | 23.00 | C.Y. |
| | B. IMPORTED - Engineered soil fill, compacted per specifications. | 38.50 | C.Y. |
| 5. | Engineered crushed stone fill, consolidated and installed per specifications | 46.00 | C.Y. |
| 6. | Flowable fill concrete fill, with no reinforcing | 180.00 | C.Y. |
| 7. | Reinforced concrete walks and slabs, 4" thick with compacted sub-base | 95.50 | S.Y. |
| 8. | Reinforced concrete walks and slabs, 6" thick with compacted sub-base | 106.00 | S.Y. |
| 9. | 8" HDPE Pipe, Installed, | 40.00 | L.F. |
| 10. | Asphalt Paving, per inch of thickness | 8.00 | S.Y. |
| 11. | Additional Excavation - General Site | 32.00 | C.Y. |
| 12. | Structural Steel (weight less than 20 lbs/ft) | 5.00 | LB. |
| | (weight more than or equal to 20 lbs/ft) | 4.50 | LB. |
| 13. | 8" CMU (reinforced) | 36.00 | S.F. |
| | 12" CMU (reinforced) | 37.00 | S.F. |
| 14. | 4'-0" High Chain Link Fence | 43.00 | L.F. |
| | 6'-0" High Chain Link Fence | 45.50 | L.F. |
| 15. | 4'-0 Wide Chain Link Gate w/ Hardware | 1,187.00 | EA. |
| | 8'-0 Wide Chain Link Gate w/ Hardware | 1,873.00 | EA. |
| | 13'-0 Wide Chain Link Gate w/ Hardware | 2,000.00 | EA. |
| 16. | 8'-0" Decorative Steel Fence | 148.00 | L.F. |
| 17. | 4'-0 Wide Decorative Steel Gate w/ Hardware | 1,557.00 | EA. |
| | 8'-0 Wide Decorative Steel Gate w/ Hardware | 3,114.00 | EA. |

| | <u>WORK</u> (to be filled out by the Architect) | <u>PRICE / UNIT</u> (to be filled out by the Contractor) | <u>UNIT</u> |
|-----|---|---|----------------------|
| 18. | #10 THHW/THWN Conductors | 6.00 | L.F. |
| 19. | #8 THHW/THWN Conductors | 8.50 | L.F. |
| 20. | 1" schedule 40 PVC buried with trench @24" and backfilled | 115.50 | L.F. |
| 21. | OL2 Area Light Fixture and Pole Base | 7,350.00 | EA |
| 22. | 1" RMC Raceway | 15.00 | L.F. |
| 23. | RCP 12" RCP 36" RCP 42" | 66.00 212.00 294.00 | L.F. L.F. L.F. |
| 24. | Storm Headwall & Flared End Sections | 3,780.00 | EA |
| 25. | Inlets 4x4 | 3,570.00 | EA |
| 26. | Stormwater Manhole | 2,310.00 | EA |
| 27. | Sanitary Manhole | 2,310.00 | EA |
| 28. | 8" PVC – Sanitary | 40.00 | L.F. |
| 29. | Outlet control structures for Stormwater BMPs | 3,465.00 | EA |
| 30. | | | |
| 31. | | | |
| 32. | | | |
| 33. | | | |
| 35. | | | |
| 36. | | | |
| 37. | | | |
| 38. | | | |
| 39. | | | |
| 40. | | | |

Note: Backbox and conduit stubouts ARE separate from individual line items and shall not be included in "installed" electrical unit prices.

Change Order Request 43 - PCO #66 - RFP-14 BEHS Pressbox Lighting & PTAC (RFI 37)

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

3/11/2025



Summary of work

RFP-14 BEHS Pressbox Lighting and PTAC (RFI 37)

| Scope | Subcontractor | Description | Cost |
|-------|---------------|-------------|-------------|
| | | | \$11,334.00 |

o Masonry - Masonry Additions ==> Cutting/Patching ==> \$4,900.00

o HVAC - Lusk ==> Add PTAC ==> \$5,234.00

o Steel - Independent ==> Steel Lintel ==> \$1,200.00 (plug)

o Electrical - KES ==> No cost

Sub Total: \$11,334.00

Bond: \$120.00

Fee: \$567.00

| | |
|--------------|--------------------|
| Total | \$12,021.00 |
|--------------|--------------------|

Approved By: _____

Date: _____

Submitted By: Calhoun _____

Date: 3/11/2025 _____



215 S. Indiana Ave.
Sellersburg IN 47172
812-207-0515

Masonryadditionsllc@yahoo.com

QUOTE:

BULLITT EAST FIELD IMPROVMENTS

Date: 2/24/25
Project Address: BULLITT COUNTY, KENTUCKY

Scope of work:

CUT IN APPROXIMATELY 14 OPENINGS IN EXISTING MASONRY WALLS FOR INSTALLATIONS OF MISC. HVAC DUCTWORK, VENTS, PIPES, CONDUITS, ETC. THIS WILL INCLUDE ANY PATCHING AROUND ITEMS AFTER THEY ARE INSTALLED.

TOTAL QUOTE \$ 4,900.00

Thanks! Any questions please call...

Michael E. Payne
812-207-0515
masonryadditionsllc@yahoo.com

Chuck Bohannon
(502)664-8863
chuck@masonryadditions.com

Lyons, Tonya

From: Jeremy Hester <jhester@theluskgroup.com>
Sent: Monday, February 17, 2025 10:18 AM
To: Pittard, Joel
Cc: Lyons, Tonya
Subject: RFP-14 COR
Attachments: cor#8 RFP14 ptac .pdf; CB-DPTAC 10_23 Compressed.pdf

Joel,
See attached pricing rfp14. I have ~~also attached the submittal for the PTAC~~.
This does not include block cutting or patching or lintels.
Please advise if additional info is needed.
Thanks,

Jeremy Hester

Estimator/Project Manager

*Lusk Mechanical
820 South Dixie Highway
Muldraugh, KY.40155
jhester@theluskgroup.com
Cell (270) 272-8010
Office (502) 942-6966*



The Lusk Group

820 S. Dixie Hwy., Muldraugh, KY 40155
Tel (502) 942-6966 Fax (502) 942-6964

February 17, 2025

Project: Bullitt Conty Phase 2 Athletics- Baseball Field Improvements

Change Order Request #8 RFP-14 PTAC

Attn: Joel Pittard

Please find our change order request below to add 1 PTAC unit and associated piping at the Bullitt East Softball Pressbox that is added in RFP#14. See cost Itemization for clarification.

\$ 2,040.00 PTAC
\$ 297.60 piping material
\$ 140.26 tax
\$ 1,980.00 labor 22 hrs
\$ 300.00 insulation
\$ 4,757.86 subtotal
\$ 475.78 O&P
\$ 5,233.64 Total Change Order Request

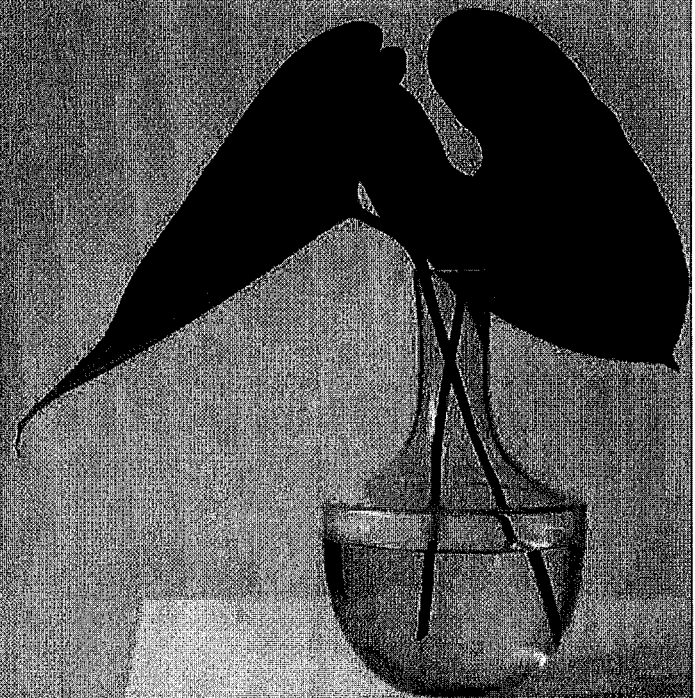
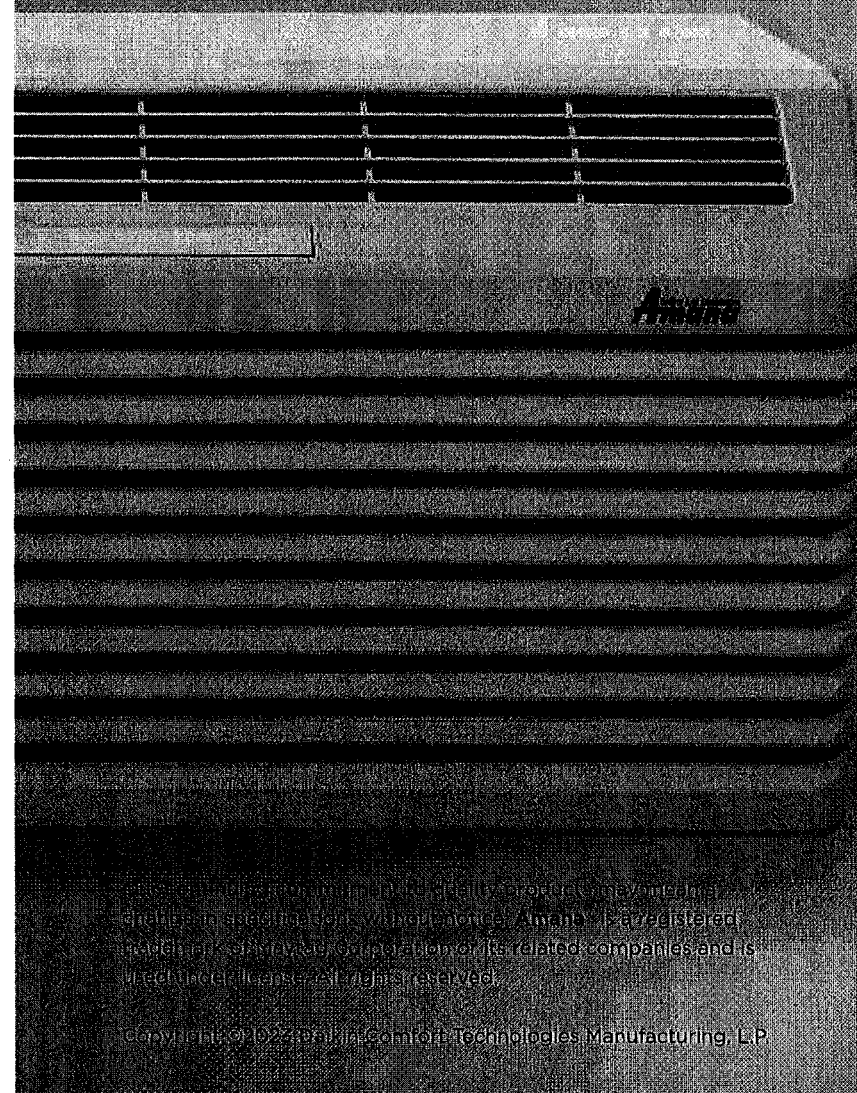
Please advise if additional information is required.
Respectfully submitted,

Jeremy Hester
Project Manager / Estimator
Lusk Mechanical Contractors Inc.
Cell 270-272-8010
Office 502-942-6966

Heating & Air Conditioning
Amana

PACKAGED TERMINAL AIR CONDITIONER (PTAC) AND HEAT PUMP

SPECIFICATIONS AND ACCESSORIES CATALOG



Amana Heating & Air Conditioning is a registered trademark of the Amana Group. Amana is a registered trademark of the Amana Group. All other trademarks are the property of their respective owners. © 2008 Amana Group. All rights reserved.

Copyright © 2008 Amana Comfort Technologies Manufacturing, L.P.

PREMIUM
AMANA™ BRAND
QUALITY

OUTSTANDING
PERFORMANCE AND
COMFORT

PREMIUM
ENERGY MANAGEMENT
SYSTEM



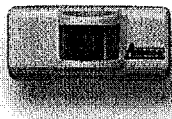
A COMBINATION OF ENERGY MANAGEMENT AND PTAC PERFORMANCE

AMANA® BRAND EDEN SOLUTIONS TIERS

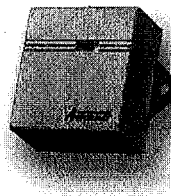
IN-ROOM "SELF-INSTALLABLE" WIRELESS PERIPHERALS



The Eden™ Wireless Remote Thermostat can be mounted on the wall anywhere in the guest room. It is battery powered and capable of wireless communication with the PTAC to maintain room temperature. Best of all, there are no wires to run. The PTAC and thermostat connect at the press of a button and work in sync to display accurate temperature.



The Eden Occupancy Sensor and Door Switch Combo Device completes the in-room equipment. This infrared sensor can determine when the room is occupied. When empty, it signals the PTAC to adjust the temperature based on programmable setbacks to save energy.



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

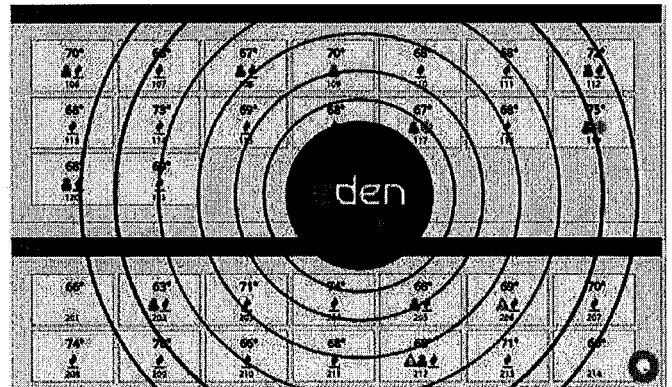
- Wireless installations since 2005: 60,000+ rooms
- Total wireless devices deployed to date: 425,000+

When combined with the self-installable wireless thermostat and occupancy sensor, the Amana® brand Eden PTAC with antenna gives the property owner complete control over the equipment settings and can reduce PTAC energy usage up to 35% or more.*

SITE-LEVEL CENTRAL WIRELESS CONTROLLER

- Site-wide PTAC configuration
- Site-wide PTAC diagnostics
- Front desk system interface
- Email reporting
- Internet accessible web user interface enterprise

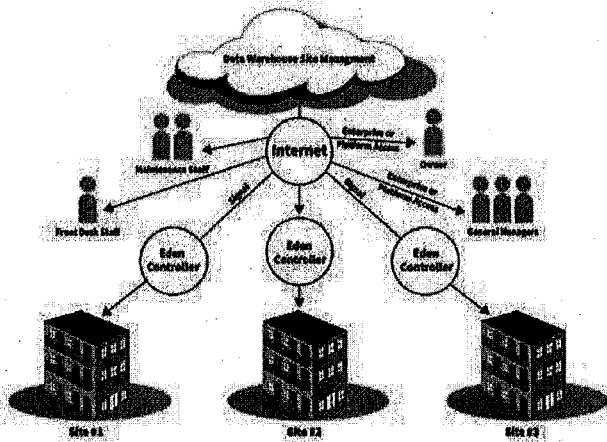
*These savings represent estimated savings over time as compared to the same PTAC model without the Eden EMS installed; they were generated using general assumptions including energy loads, local weather averages and use of occupancy controls. Actual savings will vary according to use habits, room square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





The **Amana** brand **Eden** control system brings together our best PTAC and our finest energy management software, which is now capable of integrating with optional property management and front desk management software. Reduce PTAC energy consumption up to 35% or more* with features such as the in-unit energy management system, programmable temperature setback and temperature limiting. The Maintenance Notification System adds value by helping head off potential PTAC service issues.

WEB-BASED MONITORING AMANA BRAND EDEN CONTROLLER



ENTERPRISE: MULTIPLE WIRELESS CONTROLLERS

Central monitoring and control of multiple properties

- Data warehousing
- Virtual metering
- Savings analysis
- Load shedding
- Email reporting

ALL PTACS IN A 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
- Enhanced diagnostics
- Monitors up to 250 PTACs wirelessly with one controller
- Expand the network with additional controllers
 - System verification
 - Email reporting
 - Global setbacks
 - Unit health
 - EMS configuration
 - Unit code alerts
 - Site statistics

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.

Temperature 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.

Example setback configuration:

- 1. 2°, 30 mins**
Setback the temp 2 degrees after 30 minutes
- 2. 4°, 1 hr**
Setback the temp 2 more degrees after 30 more minutes
- 3. 8°, 3 hrs**
Setback the temp 4 more degrees after 2 more hours

*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.

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)

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks are under license.

*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.

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

7⁵/₈" Unit Front Depth: Enhance valuable room space with our slim unit front, which has a sleek 7⁵/₈" depth, one of the shallowest silhouettes in the industry today. The front can be secured to the chassis with a hidden screw in order to inhibit 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 be evaporated on the sides of the coils and helps to minimize condensate run-off.

Room Freeze Protection: When the unit senses temperatures 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 seconds after the compressor has stopped in either cooling or heat pump mode, and after electric heat has been turned off. This improves efficiency by dispersing the conditioned air on the coils into the room.

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.

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.

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.

Hidden Ventilation Control: The ventilation control lever is hidden from the occupant's view to allow you to manage ventilation requirements.

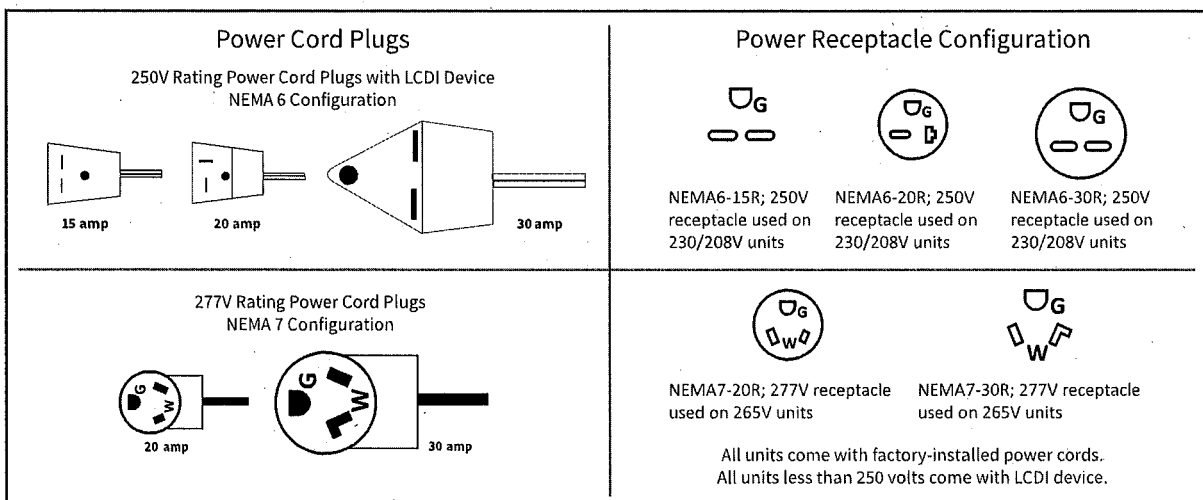
High-Pressure Switch: Protects the unit from high pressure and damage to the unit, helping to ensure long unit life.

Smart Vent and Economizer: Available on **Amana** brand PTACs with the power vent fan and power vent door options (feature 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 compressor assist option.

NOMENCLATURE

| | | PTC | 07 | 3 | G | 35 | AXXX | AA | | | |
|---|---------------------------|-------|-----|---|---|-----|-------------|---|-------------------------------------|-------------------------------------|-------------------|
| | | 1,2,3 | 4,5 | 6 | 7 | 8,9 | 10,11,12,13 | 14,15 | | | |
| Basic Model Type | | | | | | | | Engineering | | | |
| PTC | Standard Cooler | | | | | | | Major & Minor Revisions | | | |
| PTH | Standard Heat Pump | | | | | | | | | | |
| HEC | High-Efficiency Cooler | | | | | | | | | | |
| HEH | High-Efficiency Heat Pump | | | | | | | | | | |
| DRY | Dehumid Cooler | | | | | | | | | | |
| PMC | DigiAIR Cooler | | | | | | | | | | |
| PMH | DigiAIR Heat Pump | | | | | | | | | | |
| Nominal Cooling Capacity* | | | | | | | | Features Code * | | | |
| 07 | 7,000 BTU/h | 60 Hz | | | | | | | A | Standard Model | |
| 09 | 9,000 BTU/h | 60 Hz | | | | | | | C | Corrosion Protection (Seacoast) | |
| 12 | 12,000 BTU/h | 60 Hz | | | | | | | D | Power Door (not for DigiAir models) | |
| 15 | 15,000 BTU/h | 60 Hz | | | | | | | E | DigiAir Supplemental Heater | |
| 17 | 17,000 BTU/h | 60 Hz | | | | | | | L | Lighting Control | |
| | | | | | | | | H | Hydronic-Heat Capable | | |
| | | | | | | | | V | Power Vent (not for DigiAir models) | | |
| | | | | | | | | X | Placeholder | | |
| | | | | | | | | 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 |
| <p>* Not all cooling capacities are available for each model type shown above. See actual data on the following pages for available combinations.</p> <p>Rated Voltage**</p> <p>3 230/208V, 60 Hz, 1 Phase</p> <p>4 265V, 60 Hz, 1 Phase</p> <p>** Not all rated voltages are available for each model type and cooling capacity shown above. See actual data on following pages for available combinations.</p> <p>Design Series</p> <p>J 2023 R32 Refrigerant</p> <p>K 2023 R410A Refrigerant</p> | | | | | | | | <p>* Use up to 4 as needed in alphabetical order. Examples:</p> <p>PTC123*50AXXX PTC073*35CLXX</p> <p>PTC123*50CXXX PTC073*25CLVW</p> | | | |

POWER CORD CONFIGURATION



PRODUCT SPECIFICATIONS: PTC MODELS—COOLING/ELECTRIC HEAT

| PTC R32 J Models | | | | | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| Model ^{1,5,6,8,9} | PTC073J **AXXX | PTC093J **AXXX | PTC123J **AXXX | PTC153J **AXXX | PTC173J **AXXX | PTC074J **AXXX | PTC094J **AXXX | PTC124J **AXXX | PTC154J **AXXX | |
| Voltage ^{1,3} | 230/208 | 230/208 | 230/208 | 230/208 | 230/208 | 265 | 265 | 265 | 265 | |
| Capacity (BTU/h) | 7,000/7,000 | 9,200/9,000 | 11,900/11,700 | 14,800/14,900 | 16,400/16,700 | 7,000 | 9,200 | 11,800 | 14,800 | |
| Amps ¹⁰ | 3.2/3.2 | 4.1/4.1 | 5.6/5.6 | 7.1/7.1 | 7.8 | 2.7 | 3.6 | 4.9 | 6.3 | |
| Watts ¹⁰ | 545/545 | 760/750 | 1,040/1,015 | 1,435/1,430 | 1,575/1,575 | 535 | 770 | 1,050 | 1,380 | |
| EER | 12.8/12.8 | 12.1/12.2 | 11.4/11.5 | 10.3/10.4 | 10.4/10.6 | 13 | 11.9 | 11.2 | 10.7 | |
| Unit without electric heater | | | | | | | | | | |
| Min. circuit amps ^{2,4,10} | 3.7 | 4.9 | 7.4 | 8.5 | 9.4 | 3.2 | 4.4 | 5.8 | 7.4 | |
| CFM (cool/wet coil) | high | 330 | 290 | 330 | 400 | 400 | 330 | 290 | 330 | 400 |
| | low | 245 | 264 | 245 | 314 | 314 | 245 | 264 | 245 | 314 |
| CFM (dry coil) | high | 343 | 321 | 313 | 412 | 412 | 339 | 343 | 335 | 414 |
| | low | 309 | 295 | 285 | 390 | 390 | 339 | 343 | 335 | 414 |
| Ventilated air, CFM (fan only) ¹ | 65** | 65** | 65** | 65** | 65** | 65* | 65** | 65** | 65** | |
| Dehumidification (pints/hr.) | 1.7 | 2 | 1.7 | 4.4 | 4.4 | 1.7 | 2 | 1.7 | 4.4 | |
| Net weight (lbs.) | 106 | 102 | 108 | 113 | 113 | 103 | 102 | 108 | 113 | |
| Ship weight (lbs.) | 115 | 117 | 125 | 130 | 130 | 115 | 117 | 125 | 130 | |

| PTC R410A K Models | | | | | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| Model ^{1,5,6,8,9} | PTC073K **AXXX | PTC093K **AXXX | PTC123K **AXXX | PTC153K **AXXX | PTC173K **AXXX | PTC074K **AXXX | PTC094K **AXXX | PTC124K **AXXX | PTC154K **AXXX | |
| Voltage ^{1,3} | 230/208 | 230/208 | 230/208 | 230/208 | 230/208 | 265 | 265 | 265 | 265 | |
| Capacity (BTU/h) | 7,000/7,000 | 9,200/9,000 | 11,900/11,600 | 14,800/14,500 | 16,700/16,400 | 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 | 9.5 | 2.7 | 3.6 | 5.4 | 6.8 | |
| Watts ¹⁰ | 580/560 | 790/765 | 1,080/1,050 | 1,480/1,450 | 1,720/1,690 | 585 | 810 | 1,100 | 1,480 | |
| EER | 12.0/12.4 | 11.6/11.7 | 11.0/11.0 | 10.0/10.0 | 9.7/9.7 | 11.9 | 11.3 | 10.7 | 10 | |
| Unit without electric heater | | | | | | | | | | |
| Min. circuit amps ^{2,4,10} | 3.7 | 4.9 | 7.4 | 8.5 | 11.4 | 3.2 | 4.4 | 5.8 | 7.4 | |
| CFM (cool/wet coil) | high | 330 | 330 | 330 | 400 | 400 | 340 | 330 | 330 | 400 |
| | low | 245 | 264 | 245 | 314 | 314 | 245 | 264 | 245 | 314 |
| CFM (dry coil) | high | 336 | 325 | 334 | 408 | 412 | 328 | 345 | 343 | 420 |
| | low | 309 | 301 | 310 | 384 | 390 | 328 | 345 | 343 | 420 |
| Ventilated air, CFM (fan only) ¹ | 65** | 65** | 65** | 65** | 65** | 65* | 65** | 40** | 65** | |
| Dehumidification (pints/hr.) | 1.7 | 2 | 1.7 | 4.4 | 4.4 | 1.7 | 2 | 1.7 | 4.4 | |
| Net weight (lbs.) | 106 | 102 | 108 | 113 | 113 | 103 | 102 | 108 | 113 | |
| Ship weight (lbs.) | 115 | 117 | 125 | 130 | 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

- 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.
- Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- 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.
- 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.
- Heating capacity and efficiency based on unit operation without condensate pump.
- Specify two-digit heater kW size to complete model number.
- R32 or R410A refrigerant used in all systems.
- All units meet or exceed ASHRAE 90.1 standards.
- All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) powercord and meet UL 484 standards.
- 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/HEAT PUMP/AUXILIARY ELECTRIC HEAT

| PTH R32 J Models | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| Model ^{1,5,6,8,9} | PTH073J **AXXX | PTH093J **AXXX | PTH123J **AXXX | PTH153J **AXXX | PTH074J **AXXX | PTH094J **AXXX | PTH124J **AXXX | PTH154J **AXXX | |
| Cooling | | | | | | | | | |
| Voltage ^{3,5} | 230/208 | 230/208 | 230/208 | 230/208 | 265 | 265 | 265 | 265 | |
| Capacity (BTU/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 (BTU/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 | 3.2 | 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 Electric Heater | | | | | | | | | |
| Min. circuit amps ^{2,4,10} | 3.7 | 4.9 | 7.4 | 8.5 | 3.2 | 4.4 | 5.8 | 7.4 | |
| CFM (cool/ wet coil) | high | 330 | 290 | 330 | 400 | 330 | 290 | 330 | 400 |
| | low | 245 | 264 | 245 | 314 | 245 | 264 | 245 | 314 |
| CFM (dry coil) | high | 335 | 321 | 315 | 362 | 344 | 320 | 324 | 381 |
| | low | 307 | 292 | 293 | 348 | 344 | 320 | 324 | 381 |
| Ventilated air, CFM (fan only) [*] | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | |
| Dehumidification (pints/hour) | 1.7 | 2 | 1.7 | 4.4 | 1.7 | 2 | 1.7 | 4.4 | |
| 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

- 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.
- Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- 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.
- 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.
- Heating capacity and efficiency based on unit operation without condensate pump.
- Specify two-digit heater kW size to complete model number.
- R32 refrigerant used in all systems.
- All units meet or exceed ASHRAE 90.1 standards.
- All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- 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/HEAT PUMP/AUXILIARY ELECTRIC HEAT**

| PTH R410A K Models | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Model ^{1,5,6,8,9} | PTH073K **AXXX | PTH093K **AXXX | PTH123K **AXXX | PTH153K **AXXX | PTH074K **AXXX | PTH094K **AXXX | PTH124K **AXXX | PTH154K **AXXX |
| Cooling | | | | | | | | |
| Voltage ^{1,4} | 230/208 | 230/208 | 230/208 | 230/208 | 265 | 265 | 265 | 265 |
| Capacity (BTU/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/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 |
| COP | 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 Electric Heater | | | | | | | | |
| Min. circuit amps ^{2,4,10} | 3.7 | 4.9 | 7.4 | 8.5 | 3.2 | 4.4 | 5.8 | 7.4 |
| CFM (cool/ wet coil) | high | 330 | 330 | 330 | 400 | 340 | 330 | 400 |
| | low | 245 | 264 | 245 | 314 | 245 | 264 | 314 |
| CFM (dry coil) | high | 317 | 298 | 303 | 376 | 340 | 318 | 390 |
| | low | 289 | 272 | 283 | 361 | 340 | 318 | 390 |
| Ventilated air, CFM (fan only) ⁴ | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 |
| Dehumidification (pints/hour) | 1.7 | 2 | 1.7 | 4.4 | 1.7 | 2 | 1.7 | 4.4 |
| 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.
- 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 (HIGH EFFICIENCY) R32 J MODELS—
COOLING/ELECTRIC HEAT

| HEC R32 J Models | | | | | | | | | |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| Model ^{1,5,6,8,9} | HEC073J **AXXX | HEC093J **AXXX | HEC123J **AXXX | HEC153J **AXXX | HEC074J **AXXX | HEC094J **AXXX | HEC124J **AXXX | HEC154J **AXXX | |
| Voltage ^{1,3} | 230/208 | 230/208 | 230 / 208 | 230/208 | 265 | 265 | 265 | 265 | |
| Capacity (BTU/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 Electric Heater | | | | | | | | | |
| Min. circuit amps ^{2,4,10} | 3.7 | 4.9 | 7.4 | 8.5 | 3.2 | 4.4 | 5.8 | 7.4 | |
| CFM (cool/ wet coil) | high | 330 | 290 | 330 | 400 | 330 | 290 | 330 | 400 |
| | low | 245 | 264 | 245 | 314 | 245 | 264 | 245 | 314 |
| CFM (dry coil) | high | 342 | 318 | 316 | 412 | 342 | 318 | 316 | 412 |
| | low | 342 | 318 | 316 | 412 | 342 | 318 | 316 | 412 |
| Ventilated air, CFM (fan only)* | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | |
| Dehumidification (pints/hour) | 1.7 | 2 | 1.7 | 4.4 | 1.7 | 2 | 1.7 | 4.4 | |
| 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.
- 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: HEC (HIGH EFFICIENCY) R410A K MODELS—
COOLING/ELECTRIC HEAT**

| HEC R410A K Models | | | | | | | | |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Model ^{1,5,6,8,9} | 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 (BTU/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 Electric Heater | | | | | | | | |
| Min. circuit amps ^{2,4,10} | 3.7 | 4.9 | 7.4 | 8.5 | 3.2 | 4.4 | 5.8 | 7.4 |
| CFM (cool/ wet coil) | high | 330 | 330 | 330 | 400 | 340 | 330 | 400 |
| | low | 245 | 264 | 245 | 314 | 245 | 264 | 314 |
| CFM (dry coil) | high | 337 | 332 | 329 | 417 | 337 | 332 | 417 |
| | low | 337 | 332 | 329 | 417 | 337 | 332 | 417 |
| Ventilated air, CFM (fan only)* | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 |
| Dehumidification (pints/hour) | 1.7 | 2 | 1.7 | 4.4 | 1.7 | 2 | 1.7 | 4.4 |
| 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 PSHWO4A.
- 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 (HIGH EFFICIENCY) R32 J MODELS COOLING/HEAT PUMP/AUXILIARY ELECTRIC HEAT

| HEH R32 J Models | | | | | | | | |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| Model ^{1,5,6,8,9} | HEH073J **AXXX | HEH093J **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 (BTU/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 | 3.4 | 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 (BTU/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 | 3.4 | 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 Electric Heater | | | | | | | | |
| Min. circuit amps ^{2,4,10} | 3.7 | 4.9 | 7.4 | 8.5 | 3.2 | 4.4 | 5.8 | |
| CFM (cool/ wet coil) | high | 330 | 290 | 330 | 400 | 330 | 290 | 330 |
| | low | 245 | 264 | 245 | 314 | 245 | 264 | 245 |
| CFM (dry coil) | high | 339 | 312 | 293 | 354 | 339 | 312 | 311 |
| | low | 339 | 312 | 291 | 354 | 339 | 312 | 311 |
| Ventilated air, CFM (fan only)* | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | |
| Dehumidification (pints/hour) | 1.7 | 2 | 1.7 | 4.4 | 1.7 | 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

- 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.
- Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- 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.
- 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.
- Heating capacity and efficiency based on unit operation without condensate pump.
- Specify two-digit heater kW size to complete model number.
- R32 refrigerant used in all systems.
- All units meet or exceed ASHRAE 90.1 standards.
- All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.

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

| HEH R410A K Models | | | | | | | |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Model ^{1,5,6,8,9} | HEH073K **AXXX | HEH093K **AXXX | 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/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/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 | 3.7/3.8 | 3.6/3.6 | 3.3/3.3 | 3.1/3.1 | 3.6 | 3.5 | 3.3 |
| Unit without Electric Heater | | | | | | | |
| Min. circuit amps ^{2,4,10} | 3.7 | 4.9 | 7.4 | 8.5 | 3.2 | 4.4 | 5.8 |
| CFM (cool/ wet coil) | high | 330 | 330 | 330 | 400 | 340 | 330 |
| | low | 245 | 264 | 245 | 314 | 245 | 245 |
| CFM (dry coil) | high | 319 | 292 | 293 | 358 | 319 | 320 |
| | low | 319 | 292 | 290 | 358 | 319 | 320 |
| Ventilated air, CFM (fan only)* | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 | 65 - 95 |
| Dehumidification (pints/hour) | 1.7 | 2 | 1.7 | 4.4 | 1.7 | 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 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/AUXILIARY ELECTRIC HEAT

| PMH R32 J Models | | | | | | | |
|----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Model ^{1,5,6,8,9} | PMH073J **AXXX | PMH093J **AXXX | PMH123J **AXXX | PMH153J **AXXX | PMH074J **AXXX | PMH094J **AXXX | PMH124J **AXXX |
| Cooling | | | | | | | |
| 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 |
| Heating | | | | | | | |
| 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 |

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

Notes

- 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.
- Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- 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.
- 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.
- Heating capacity and efficiency based on unit operation without condensate pump.
- Specify two-digit heater kW size to complete model number.
- R32 refrigerant used in all systems.
- All units meet or exceed ASHRAE 90.1 standards.
- All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.

PRODUCT SPECIFICATIONS: DRY (ENHANCED DEHUMIDIFICATION) R32 J MODELS - COOLING/ELECTRIC HEAT

| PTC R32 J Models | | |
|-------------------------------------|----------------|----------------|
| Model ^{1,5,6,8,9} | DRY093J **AXXX | DRY094J **AXXX |
| Voltage ^{1,3} | 230/208 | 265 |
| Capacity (BTU/h) | 9,000/9,000 | 8,800 |
| Amps ¹⁰ | 4.3 | 3.8 |
| Watts ¹⁰ | 760/760 | 750 |
| EER | 11.8/11.8 | 11.7 |
| Unit without Electric Heater | | |
| Min. circuit amps ^{2,4,10} | 4.9 | 4.4 |
| CFM (cool/ wet coil) | high | 290 |
| | low | 264 |
| CFM (dry coil) | high | 321 |
| | low | 295 |
| Ventilated air, CFM (fan only)* | 65** | 65** |
| Dehumidification (pints/hr.) | 2.6 | 2.6 |
| Net weight (lbs.) | 105 | 105 |
| Ship weight (lbs.) | 120 | 120 |

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

PRODUCT SPECIFICATIONS: PMC R32 MODELS—COOLING/ELECTRIC HEAT

| PMC R32 J Models | | | | | | | | |
|----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 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 |

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

PRODUCT SPECIFICATIONS: ALL MODELS—ELECTRIC HEAT PERFORMANCE

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

| Voltage | Electric Heater Size (kW) | No. of Stages | Nominal Heating (BTU/h) | | | Total Watts ⁶ | Total Amps | Min. Circuit Ampacity ² | MOP ⁴ (Amps) | Power Cord |
|---------|---------------------------|---------------|-------------------------|--------|--------|--------------------------|------------|------------------------------------|-------------------------|------------|
| | | | @230V | @208V | @265V | | | | | |
| 230/208 | 1.5/1.3 | 1 | 5,100 | 4,200 | - | 1,570/1,295 | 6.8/6.2 | 8.5 | 15 | 6 - 15 P |
| 230/208 | 2.5/2.1 | 1 | 8,500 | 6,800 | - | 2,570/2,115 | 11.2/10.1 | 14.1 | 15 | 6 - 15 P |
| 230/208 | 3.5/3.0 | 1 | 12,000 | 9,900 | - | 3,570/2,935 | 15.5/14.1 | 19.5 | 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 | 1.5 | 1 | - | - | 5,100 | 1,570 | 5.9 | 7.4 | 15 | 7 - 20 P |
| 265 | 2.5 | 1 | - | - | 8,500 | 2,570 | 9.7 | 12.2 | 15 | 7 - 20 P |
| 265 | 3.7 | 1 | - | - | 12,600 | 3,770 | 14.2 | 17.9 | 20 | 7 - 20 P |
| 265 | 5.0 | 1 | - | - | 17,100 | 5,070 | 19.2 | 23.9 | 25 | 7 - 30 P |

Notes

- 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.
- Minimum Circuit Ampacity (MCA) ratings conform to the National Electric Code; however, local codes should apply.
- 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.
- 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.
- Heating capacity and efficiency based on unit operation without condensate pump.
- Specify two-digit heater kW size to complete model number.
- R32 or R410A refrigerant used in all systems.
- All units meet or exceed ASHRAE 90.1 standards.
- All units less than 250 volts have a Leak Current Detector Interrupter (LCDI) power cord and meet UL 484 standards.
- Refer to electric heat performance data for total MCA and recommended overcurrent protection. Amps and watts notation refers to compressor only.

ACCESSORIES

Wall Sleeves

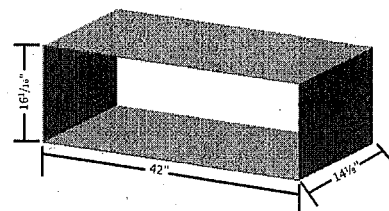
All our wall sleeves have industry standard dimensions of 42" wide x 16 $\frac{1}{4}$ " high. The WS900QW, SC and internal 14 $\frac{1}{8}$ " depth is the industry-standard. Sleeves may be shipped separately to allow for installation during construction.

Standard-Depth Sleeves

| | |
|-------------------------|---|
| WS900QW | Standard PTAC sleeve |
| WS900QW-SC | Seacoast triple protected |
| WS900QW-GS | Heavy sound isolation insulation sleeve |
| WS900QW-INTERNAL | Internal drain only for window-wall installations (DK900QW sold separately) |

Wall Sleeves: Available in several depths for thicker wall installations or special room configurations.

| | |
|--------------------|---|
| WS9xxQW-C | Collapsible and disassembled for efficient shipping. 16" to 24" in 1" increments. Also available in 28", 30", 32", 36" and 40". |
| WS9xxQW-CFA | Collapsible and fully assembled. 16" to 24" in 1" increments. Also available in 28", 30", 32", 36", and 40". |



Outdoor Grilles

Available in stamped aluminum or architecturally louvered for application with an Amana brand WS900QW wall sleeve.

AGK: Extruded aluminum architectural grille available with an anodized aluminum finish or a baked-on paint finish for durability. Choose from 5 stock colors or a custom color to blend with your building's exterior color scheme. **Colors include:**
CB (clear anodized), **DB** (dark brown/bronze), **TB** (stonewood beige), **WB** (white), **QW** (quiet white), **SB** (special/custom colors)

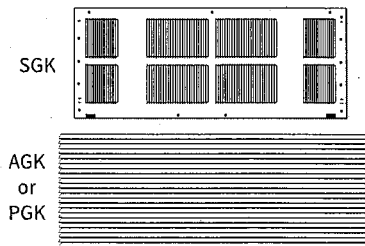
PGK: One-piece injection-molded grille made using a polymer blend of engineered thermoplastic high-impact strength material with chemical resistance and an exterior UV protective coating. **Choose from 4 stock colors:**
DB (dark brown/bronze), **TB** (stonewood beige), **WB** (white), **QW** (quiet white)

Standard Outdoor Grille

| | |
|----------------|-------------|
| SGK01B | Single pack |
| SGK01QW | Quiet white |

Architectural Outdoor Grille

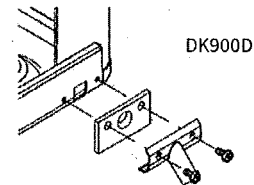
| | |
|----------------|-------------------|
| AGK01CB | Anodized aluminum |
| AGK01DB | Dark bronze/brown |
| AGK01TB | Stonewood beige |
| AGK01WB | Amana white |
| AGK01QW | Quiet white |
| AGK01SB | Custom colors |
| PGK01DB | Dark bronze/brown |
| PGK01TB | Stonewood beige |
| PGK01WB | Amana white |
| PGK01QW | Quiet white |



Condensate Drain Kit

Attaches to the wall sleeve base pan for controlled internal or external disposal of condensate.

| | |
|----------------|---|
| DK900D | Condensate drain kit (use with WS900E) |
| DK900QW | Condensate drain kit (use with WS900QW) |



Low-Voltage Wire Harness Kit (not shown)

For quick connections of remote or wired thermostats, wired EMS or front desk with jumpers and connectors.

| | |
|------------------|------------------|
| PWHK01G90 | Wire harness kit |
|------------------|------------------|

ACCESSORIES (CONT.)

| | | | | | | | | | | | | | | |
|---|---|------------------|-----------------------------------|------------------|--------------------------|------------------|-----------------------------|------------------|-----------------------|------------------|-----------------------------|----------------|-----------------------|--|
| <p>Sub-Base Kit The fully skirted sub-base conceals wiring while providing strong support, if needed. Plug-in receptacle and field-wiring access speeds installation. Electrical accessories such as fuse holders, circuit breakers and disconnect switches meet N.E.C. requirements.</p> | <table border="1"> <tr> <td>PTSB320QW</td> <td>230/208V 15/20A</td> </tr> <tr> <td>PTSB330QW</td> <td>230/208V 30A</td> </tr> <tr> <td>PTSB420QW</td> <td>265V 15/20A</td> </tr> <tr> <td>PTSB430QW</td> <td>265V 25A</td> </tr> <tr> <td>PTSB000QW</td> <td>Non-electrical</td> </tr> </table> | PTSB320QW | 230/208V 15/20A | PTSB330QW | 230/208V 30A | PTSB420QW | 265V 15/20A | PTSB430QW | 265V 25A | PTSB000QW | Non-electrical | | | |
| PTSB320QW | 230/208V 15/20A | | | | | | | | | | | | | |
| PTSB330QW | 230/208V 30A | | | | | | | | | | | | | |
| PTSB420QW | 265V 15/20A | | | | | | | | | | | | | |
| PTSB430QW | 265V 25A | | | | | | | | | | | | | |
| PTSB000QW | Non-electrical | | | | | | | | | | | | | |
| <p>Leveling Legs Gives wall sleeve front support and helps to level the unit for installation.</p> | <table border="1"> <tr> <td>LL2QW</td> <td>Leveling legs for WS9**QW sleeves</td> </tr> </table> | LL2QW | Leveling legs for WS9**QW sleeves | | | | | | | | | | | |
| LL2QW | Leveling legs for WS9**QW sleeves | | | | | | | | | | | | | |
| <p>Hard-Wire Kits Used to permanently wire to the chassis when a standard sub-base and power cord are not utilized. Factory Installed Feature Code - W</p> | <table border="1"> <tr> <td>PTPWHWK4</td> <td>Armored cable - all voltages</td> </tr> <tr> <td>PTQC3A</td> <td>Quick connect - 230/208V</td> </tr> <tr> <td>PTQC4A</td> <td>Quick connect - 265/115V</td> </tr> </table> | PTPWHWK4 | Armored cable - all voltages | PTQC3A | Quick connect - 230/208V | PTQC4A | Quick connect - 265/115V | | | | | | | |
| PTPWHWK4 | Armored cable - all voltages | | | | | | | | | | | | | |
| PTQC3A | Quick connect - 230/208V | | | | | | | | | | | | | |
| PTQC4A | Quick connect - 265/115V | | | | | | | | | | | | | |
| <p>Power Disconnect Switch The PSHW**A power disconnect switch can be used for 265-volt or 230/208-volt physical disconnect, where required by local codes. The switch is rated at 30-amp capacity. The switch is for use with Amana brand standard sub-bases or PTPWHWK4 hard wire kit.</p> | <table border="1"> <tr> <td>PSHW03A</td> <td>230/208V</td> </tr> <tr> <td>PSHW04A</td> <td>265V</td> </tr> </table> | PSHW03A | 230/208V | PSHW04A | 265V | | | | | | | | | |
| PSHW03A | 230/208V | | | | | | | | | | | | | |
| PSHW04A | 265V | | | | | | | | | | | | | |
| <p>Fuse Holder Kit Cartridge-style fuses can be installed in the fuse holder for use in the sub-base or chassis. Available in 15, 20 and 30 amp (included on 265-volt unit).</p> | <table border="1"> <tr> <td>FHK315K</td> <td>230/208V 15A - J & K series</td> </tr> <tr> <td>FHK315E</td> <td>230/208V 15A - R-410A</td> </tr> <tr> <td>FHK320K</td> <td>230/208V 20A - J & K series</td> </tr> <tr> <td>FHK320E</td> <td>230/208V 20A - R-410A</td> </tr> <tr> <td>FHK330C</td> <td>230/208V 30A - J & K series</td> </tr> <tr> <td>FHK330K</td> <td>230/208V 30A - R-410A</td> </tr> </table> | FHK315K | 230/208V 15A - J & K series | FHK315E | 230/208V 15A - R-410A | FHK320K | 230/208V 20A - J & K series | FHK320E | 230/208V 20A - R-410A | FHK330C | 230/208V 30A - J & K series | FHK330K | 230/208V 30A - R-410A | |
| FHK315K | 230/208V 15A - J & K series | | | | | | | | | | | | | |
| FHK315E | 230/208V 15A - R-410A | | | | | | | | | | | | | |
| FHK320K | 230/208V 20A - J & K series | | | | | | | | | | | | | |
| FHK320E | 230/208V 20A - R-410A | | | | | | | | | | | | | |
| FHK330C | 230/208V 30A - J & K series | | | | | | | | | | | | | |
| FHK330K | 230/208V 30A - R-410A | | | | | | | | | | | | | |

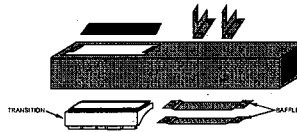
ACCESSORIES (CONT.)

Duct Extension Kit

Extends air distribution to an adjoining room. Consists of a main duct for the room of origin and an extension duct to reach the adjoining room and terminal duct. PTDK01A allows for the "B" series unit to work with the "A" series duct kits.

| | |
|----------------|-----------------------------------|
| MDK01QW | Main duct kit - J & K series |
| EDK02QW | 42" extension duct - J & K series |

Main Duct Kit

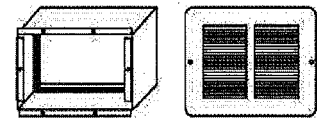


Extension Duct Kit



| | |
|-----------------|-------------------------------------|
| TDK02QW | Terminal duct - J & K series |
| PTDK01QW | Transition duct only - J & K series |

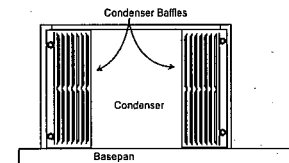
Terminal Duct Kit








Condenser Baffle Kit

For use on non-baffled grilles. These deflectors direct the air in toward the center and away from the inlet to prevent recirculation of the hot condenser air.

| | |
|--------------|----------------------|
| DGK1B | Condenser baffle kit |
|--------------|----------------------|



ACCESSORIES (CONT.)

| Model # | Heat Stages | Cool Stages | Fan Speed | # of Wires Required | Temp Limiting | Backlit | Display | Type | Shape & Orientation | Connection |
|--|-------------|-------------|-----------|---------------------|---------------|---------|---------|--------------------------|---------------------|------------|
| DS01G ^{1,2,3}  | 2 | 2 | 2 | 0 | Yes | Yes | Digital | Manual/Energy Management | Square/Vertical | Wireless |
| DSA02NO ^{1,3}  | 2 | 2 | 2 | 0 | Yes | Yes | Digital | Manual | Rectangular | Wireless |
| MMW-2 ¹  | 2 | 2 | 2 | 0 | Yes | Yes | Digital | Manual | Rectangular | Wireless |
| PHWT-A200  | 2 | 2 | 2 | 7 | Yes | Yes | Digital | Programmable/Auto-Change | Square/Vertical | Wired |
| PWHT-A150H  | 2 | 2 | 2 | 7 | Yes | Yes | Digital | Manual | Square/Vertical | Wired |

¹Battery Powered

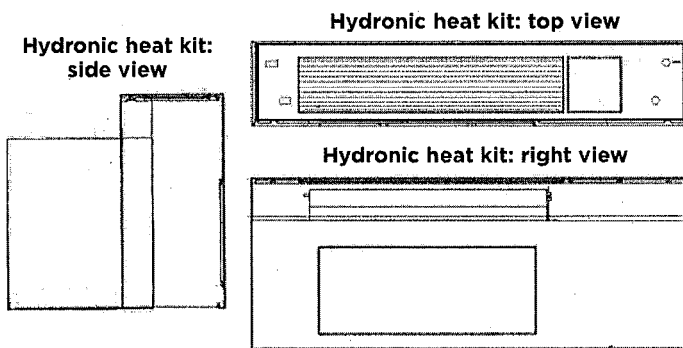
²Optional hard wired powered capability

³No additional antenna needed for Amana J & K series units. Previous models require DT01G and non-Amana units require GT01H antennas for operation

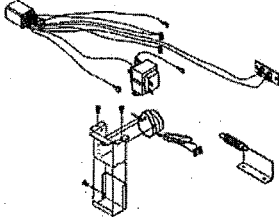
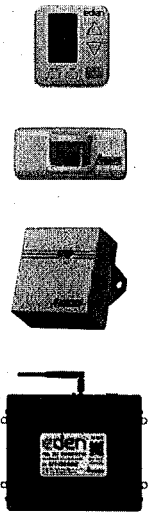
Hydronic Heat Kit

Add-on kits fit all units, allowing the addition of hydronic water or hydronic steam heat to cooling and heating units. The kits feature left- or right-hand piping. Unit retains complete service access with a kit installed. Unit must be connected to and operated by a wall thermostat.

| | |
|---------------|-----------------------------------|
| HWK03K | Hydronic water kit - J & K series |
| HWK03K | Hydronic steam kit - J & K series |



ACCESSORIES (CONT.)

| | | | | | | | | | | | | | | | | |
|---|---|------------------|---|-----------------|---|------------------|--|--------------|---|---|--|--------------|----------------------------|---------------------|------------------------------|--|
| <p>Power Door Kit Vent door will automatically open when unit fan is on. Factory installed feature code - D</p> | <table border="1"> <tr> <td>PDK3K</td> <td>230/208V - J & K series</td> </tr> <tr> <td>PDK4K</td> <td>265V - J & K series</td> </tr> <tr> <td>PDK3E</td> <td>230/208V - R-410A</td> </tr> <tr> <td>PDK4E</td> <td>265V - R-410A</td> </tr> </table> | PDK3K | 230/208V - J & K series | PDK4K | 265V - J & K series | PDK3E | 230/208V - R-410A | PDK4E | 265V - R-410A |  | | | | | | |
| PDK3K | 230/208V - J & K series | | | | | | | | | | | | | | | |
| PDK4K | 265V - J & K series | | | | | | | | | | | | | | | |
| PDK3E | 230/208V - R-410A | | | | | | | | | | | | | | | |
| PDK4E | 265V - R-410A | | | | | | | | | | | | | | | |
| <p>Hydronic Valves Water and steam valves are available for use with the HWK03 (water) and HVK03 (steam) heat kits.</p> | <table border="1"> <tr> <td>VW2WNCA*</td> <td>2-way/24V/NC/end switch</td> </tr> <tr> <td>VW2WNOA*</td> <td>2-way/24V/NO/end switch</td> </tr> <tr> <td>VW3WNC2B*</td> <td>3-way/24V/NC/NO/end switch</td> </tr> </table> <p>*PopTop™ actuator</p> | VW2WNCA* | 2-way/24V/NC/end switch | VW2WNOA* | 2-way/24V/NO/end switch | VW3WNC2B* | 3-way/24V/NC/NO/end switch | | | | | | | | | |
| VW2WNCA* | 2-way/24V/NC/end switch | | | | | | | | | | | | | | | |
| VW2WNOA* | 2-way/24V/NO/end switch | | | | | | | | | | | | | | | |
| VW3WNC2B* | 3-way/24V/NC/NO/end switch | | | | | | | | | | | | | | | |
| <p>Wireless RF (Radio Frequency) Controls All PTACs come factory-ready for control via wireless RF devices. 2.4 GHz 802.15.4 protocol assures robust communications and response.</p> | <table border="1"> <tr> <td>DS01G</td> <td>Thermostat: 2-way² communications</td> </tr> <tr> <td>DD01E</td> <td>Occupancy sensor: EMS activation²</td> </tr> <tr> <td>DT01G</td> <td>Antenna/router not required for J & K series units</td> </tr> <tr> <td>GT01H</td> <td>Generic radio antenna/router¹</td> </tr> <tr> <td>DL01G</td> <td>Web-enabled platform Server link BAC-NET capable</td> </tr> <tr> <td>DR01G</td> <td>Mesh repeater¹</td> </tr> <tr> <td>DL01G SERIAL</td> <td>Serial repeater¹</td> </tr> </table> <p>¹Consult Amana sales representative prior to purchase ²Requires DT01G for use ³Requires DS01G for use</p> | DS01G | Thermostat: 2-way ² communications | DD01E | Occupancy sensor: EMS activation ² | DT01G | Antenna/router not required for J & K series units | GT01H | Generic radio antenna/router ¹ | DL01G | Web-enabled platform Server link BAC-NET capable | DR01G | Mesh repeater ¹ | DL01G SERIAL | Serial repeater ¹ |  |
| DS01G | Thermostat: 2-way ² communications | | | | | | | | | | | | | | | |
| DD01E | Occupancy sensor: EMS activation ² | | | | | | | | | | | | | | | |
| DT01G | Antenna/router not required for J & K series units | | | | | | | | | | | | | | | |
| GT01H | Generic radio antenna/router ¹ | | | | | | | | | | | | | | | |
| DL01G | Web-enabled platform Server link BAC-NET capable | | | | | | | | | | | | | | | |
| DR01G | Mesh repeater ¹ | | | | | | | | | | | | | | | |
| DL01G SERIAL | Serial repeater ¹ | | | | | | | | | | | | | | | |
| <p>Line Voltage/Lighting Control Relay Kit Compatible with Factory Installed Feature Code "L" units. Use these 30A relay in conjunction with our Eden Energy Management System to control any 115 volt circuit based on room occupancy. Relays must be wired and installed during construction or remodel.</p> | <table border="1"> <tr> <td>RKLC10M70</td> <td>10 pack SPDT 24VAC 30A relays</td> </tr> </table> | RKLC10M70 | 10 pack SPDT 24VAC 30A relays | | | | | | | | | | | | | |
| RKLC10M70 | 10 pack SPDT 24VAC 30A relays | | | | | | | | | | | | | | | |
| <p>Curtain Baffle Kit The color-matched polymer curtain baffles help prevent curtains from falling into the discharge air stream and causing recirculation, which reduces efficiencies and shortens compressor life.</p> | <table border="1"> <tr> <td>PTCB10K</td> <td>10 pack for J & K series units</td> </tr> <tr> <td>PTCB10E</td> <td>10 pack for R-410A units</td> </tr> </table> | PTCB10K | 10 pack for J & K series units | PTCB10E | 10 pack for R-410A units | | | | | | | | | | | |
| PTCB10K | 10 pack for J & K series units | | | | | | | | | | | | | | | |
| PTCB10E | 10 pack for R-410A units | | | | | | | | | | | | | | | |

MONTHLY MAINTENANCE



INTAKE AIR FILTERS

It is extremely important to clean the inlet air filters once a month—or more often, if operated in dusty or dirty conditions—to properly maintain the operational performance of the PTAC unit. The two intake air filters, constructed of durable polypropylene, can be easily inserted into the cabinet front using the cabinet filter guides. Before cleaning the intake filters, turn the unit off by setting the mode switch to the OFF position. Filters should be cleaned as required. The following procedure is used to remove the intake filters:

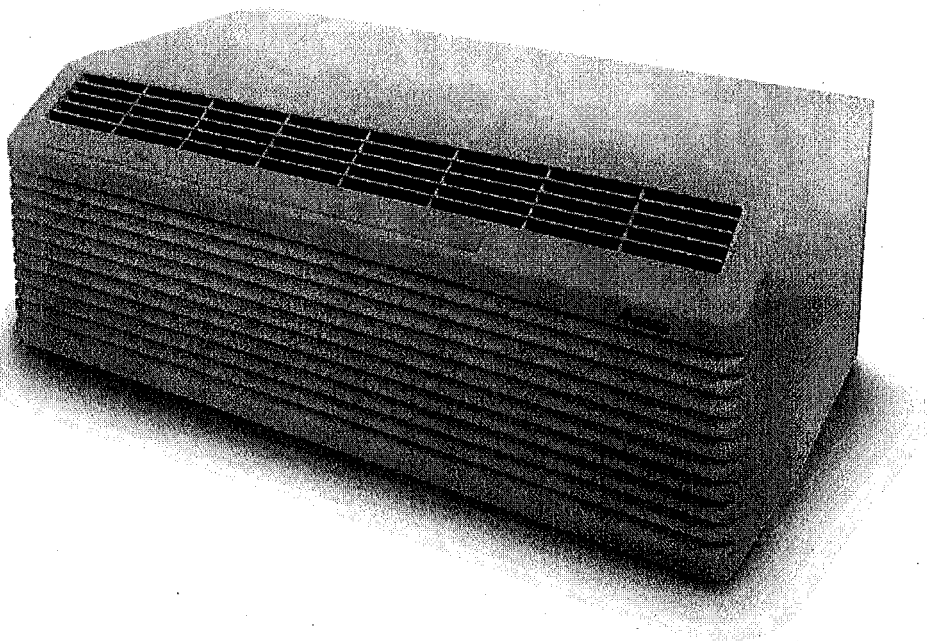
1. Facing the unit, pull up on the filter handles located at the front top of the unit.
2. Pull each filter upward and remove.
3. Clean filters with a vacuum or with running water. Reverse this procedure to reinstall the filters.

Note: Accessory filter kits are available from your salesperson. All filters are permanent and cleanable. Consult your I&O Manual for other monthly cleaning instructions.

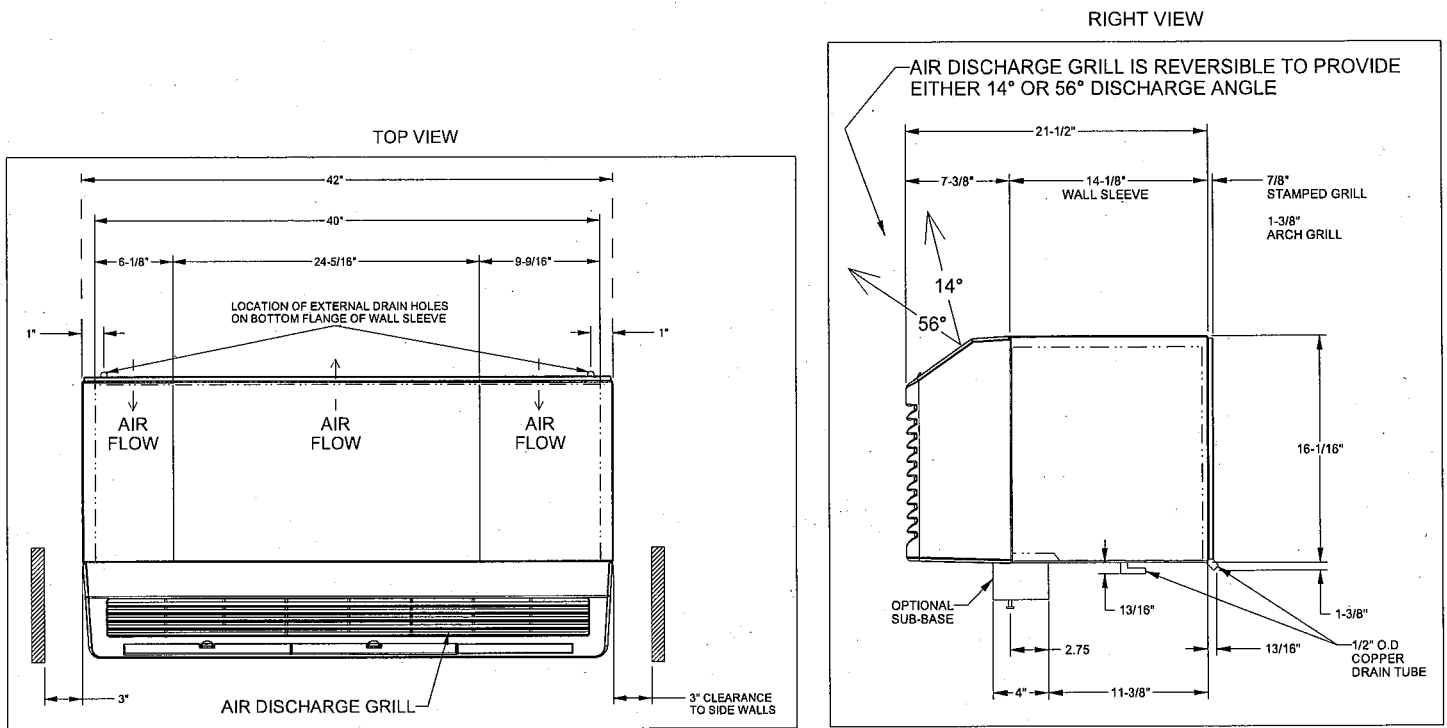
Spare Filters

Help keep dirt and lint out of the air and off the coil, thus increasing the unit's efficiency. **Amana** brand filters are easy to remove, wash and replace.

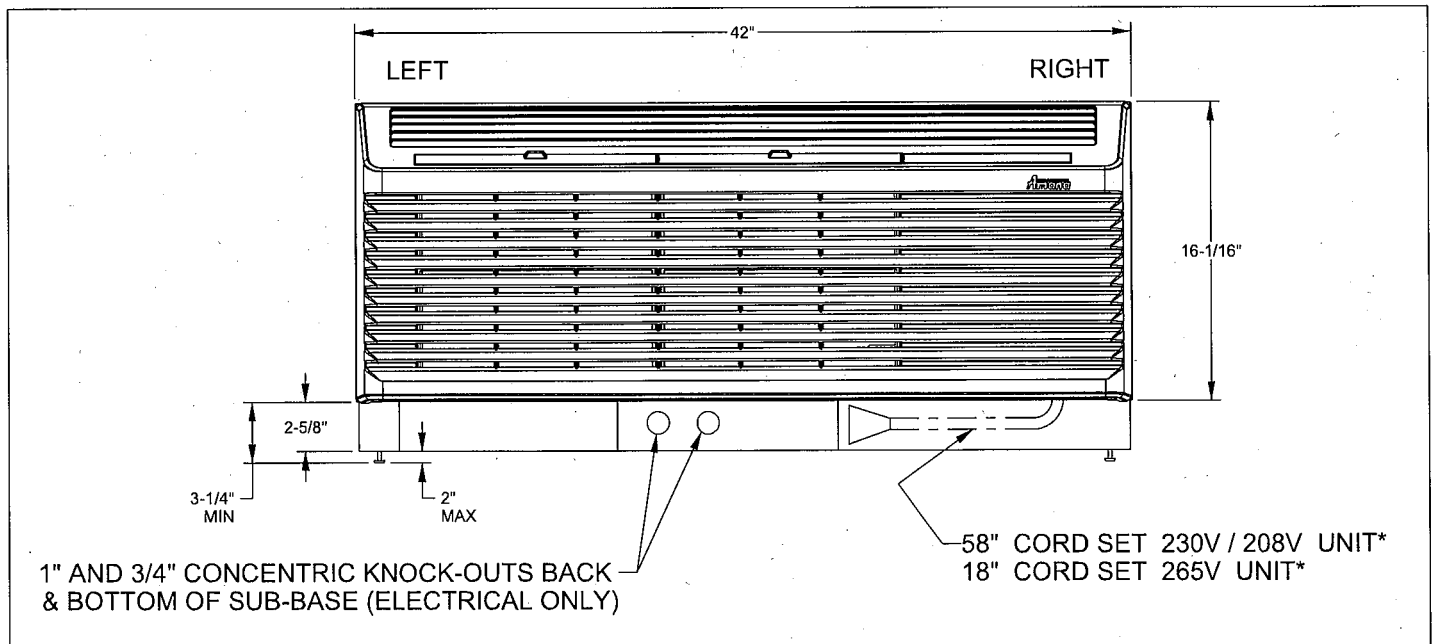
| | |
|--------------|------------------------|
| FK10K | 10-pack - J & K series |
| FK10E | 10-pack - E & G series |



UNIT WITH ACCESSORY WALL SLEEVE AND SUB-BASE ACCESSORY



FRONT VIEW 58" LCDI CORD SET - 230V/208V UNIT*



FRAMING FOR ACCESSORY WALL SLEEVE (WS9XX)

Fastening Wall Sleeve

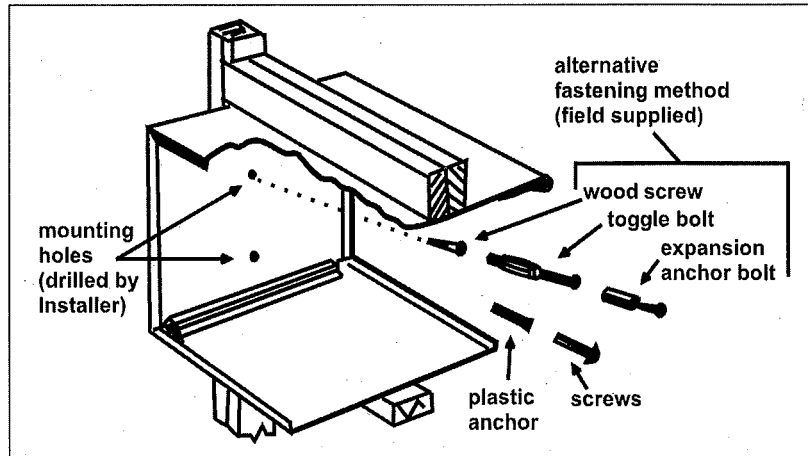
When installed in an opening, the wall sleeve must be horizontally level (side-to-side) and pitched 1/4 bubble to the outside.

(Note: If using an internal drain kit, the sleeve must be level from front to back.)

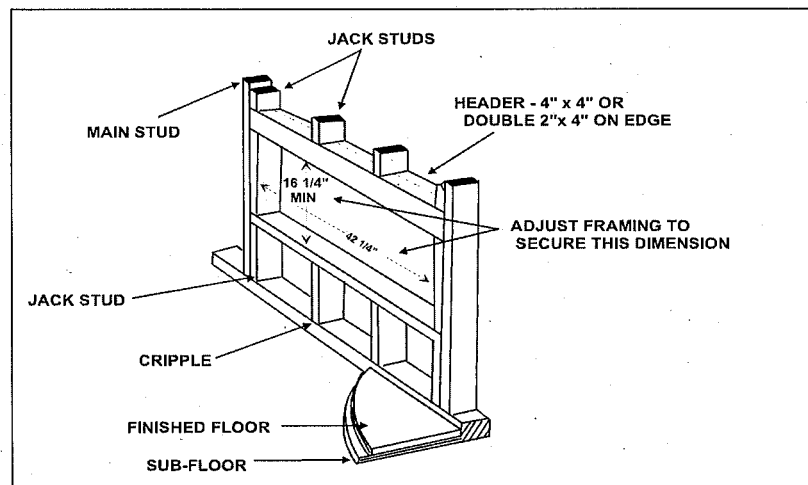
(Note: To ensure unit's maximum efficiency, **DO NOT** over- or under-pitch.)

Installation Notes

1. If **sub-base** (PTSB***QW) is installed, allow minimum 3 1/4" height clearance and maximum 5" height clearance between wall sleeve and floor; allow minimum 2 3/4" protrusion from a finished wall. See Note 4 if using hydronic units.
2. **Drain kit** (DK900QW) is shipped separately. It can be mounted to 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***QW) or **Amana brand hard wire kit** (PSHW04A). Overcurrent protection on 265V units must be provided 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***QW), only the minimum 3 1/4" height clearance between wall sleeve and floor is permissible. Unit must also be operated with a remote-mounted thermostat.
5. If **duct kit** (MDK***) is installed, allow a minimum of 2 3/4" into the room from the finished interior wall.



Wall sleeve must extend a minimum of 1/4" beyond outside wall to allow for proper caulking.



Wall sleeve opening height should be squared with wall sleeve opening width.

H = 16 1/4"

W = 42 1/4"

Heating & Air Conditioning
Amana



Complete warranty details available from
Your dealer or at www.ama.com

A LEGACY OF COMFORT



THE IMPECCABLE REPUTATION
OF AN AMERICAN ORIGINAL

Amana heating and cooling systems are a part of the enduring legacy of one of America's most recognized and respected brands. Originating eight decades ago in Amana, Iowa, the brand is synonymous with long-lasting, premium-quality products—from home appliances to heating and air conditioning equipment. Chances are, you and generations before you have enjoyed the dependable performance and longevity the **Amana** brand continues to deliver.

CALL YOUR **AMANA** BRAND PTAC SALES REPRESENTATIVE
AT 800.647.2982 FOR COMPLETE DETAILS.

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost or energy efficiency rating that is available from your retailer.

*Our continuing commitment to quality products may mean a change in specifications without notice. **Amana**® is a registered trademark of Maytag Corporation or its related companies and is used under license. All rights reserved.*

Copyright ©2023 Daikin Comfort Technologies Manufacturing, L.P.

MC-DPTAC 10-23

Change Order Request 46 - PCO #67 - RFP-15 BEHS Added Concrete Bleacher Pad at Track

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

3/11/2025



Summary of work

RFP-15 BEHS Added Concrete Bleacher Pad at Track for relo bleachers from BC

| Scope - Subcontractor | Description | Cost |
|-----------------------|-------------|-------------|
| | | \$20,200.00 |

- o Superintendent ==> 3 Days Supervision (\$85/hour) ==> \$2,040.00
- o CCS Labor ==> 4 Laborers set 2 bleachers ==> \$960.00
- o Concrete, Footers/Foundations/Slabs - CCS Concrete ==> \$13,848.00
- o Site Work - JR Contracting ==> Excavation ==> \$1,250.00
- o Landscaping ==> Seed/Straw ==> \$580.00
- o CCS Contracted unit pricing ==> \$1,522.00

| | |
|--------------|--------------------|
| Sub Total: | \$20,200.00 |
| Bond: | \$224.00 |
| Fee: | \$2,020.00 |
| Total | \$22,444.00 |

Approved By: _____

Date: _____

Submitted By: Calhoun

Date: 3/11/2025

Proposal

February 28, 2025

Calhoun Construction Services
7707 National Turnpike, Suite 400
Louisville, KY. 40214

Attention: Mr. Joel Pittard
Project Manager

RE: RFP 15 – BEHS Bleacher Pad at Track

Mr. Pittard

We propose to provide the additional labor, materials, equipment and supervision to perform the following scope of work required for the added changes at Bullitt East High School depicted in RFP-15:

145 SY reinforced concrete slab, 6" thick with compacted subbase.

RFP 15-BEHS Bleacher Pad at Track

145 SY Bleacher Pad at Track (unit price):.....\$13,848.00

CCS contracted unit price \$106/SY = \$15,370

Clarifications:

- Work is to take place Monday Thru Friday 7:00 AM To 4:00 PM, during regular working hours.

Should you have any questions, concerns or require additional information, please feel free to contact me.

Very respectfully,

Sarah Vanderside
CCS Concrete – Project Manager
Office Phone 502-493-1332 ext. 1342
Mobile Phone 502-275-9722
Email: sarahvanderside@calhounconstructs.com



Lyons, Tonya

From: Sam Scudder <Sam@jrconstruct4u.com>
Sent: Tuesday, March 11, 2025 11:58 AM
To: Lyons, Tonya
Subject: RE: RFP 15 - BEHS Bleacher Pad at Track

\$1250

Sam Scudder

Sent from my mobile device.
Please pardon any brevity or grammatical errors.

On Mar 11, 2025 10:46 AM, "Lyons, Tonya" <TonyaLyons@calhounconstructs.com> wrote:
CCS Concrete has the 6" DGA... what's your price for just the excavation?

Tonya Lyons

Assistant Project Manager
CALHOUN CONSTRUCTION
7707 National Turnpike, Suite 400
Louisville, KY 40214
Office (502)493-1332
Cell (770)241-9227



From: Sam Scudder <Sam@jrconstruct4u.com>
Sent: Tuesday, March 11, 2025 8:24 AM
To: Lyons, Tonya <TonyaLyons@calhounconstructs.com>
Cc: Pittard, Joel <joelpittard@calhounconstructs.com>
Subject: RE: RFP 15 - BEHS Bleacher Pad at Track

Excavate soil and provide 6" DGA subgrade = \$2523

Sam Scudder
Project Manager

REQUEST FOR PROPOSAL

| | | | |
|----------------|---|---------------------------|--|
| PROJECT: | Phase II Athletics - Bid Package No. 1 Baseball and Softball Fields Bullitt County Public Schools | REQUEST FOR PROPOSAL NO.: | 15 |
| OWNER: | Bullitt County Public Schools 1040 Highway 44 East Shepherdsville, KY 40165 | DATE: | 26-Feb-2025 |
| TO CONTRACTOR: | Calhoun Construction Services, Inc. 7707 National Turnpike Louisville, KY 40218 | ARCHITECT: | Studio Kremer Architects 1231 S Shelby Street Louisville, KY 40203 |
| | | ARCHITECT'S PROJECT NO.: | 2023-50 BG# 24-192 |

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN

Description:

Provide price proposal for the following:

- Item No.1** See CIVIL Drawings C1.30 and C1.40 for the added Concrete Pad for bleachers at Bullitt East's Track.
Control Joints to be provided as shown in red on C1.30.

Attachments:

Revised Drawings: C1.30 and C1.40

| | | | |
|-------------|-------------------------------------|------------|--------------------------|
| ISSUED: | 26-Feb-2025 | ARCHITECT: | studio kremer architects |
| CONTRACTOR: | Calhoun Construction Services, Inc. | BY: | Cate Noble Ward, AIA |

EASTBROKE PONTE DRIVE

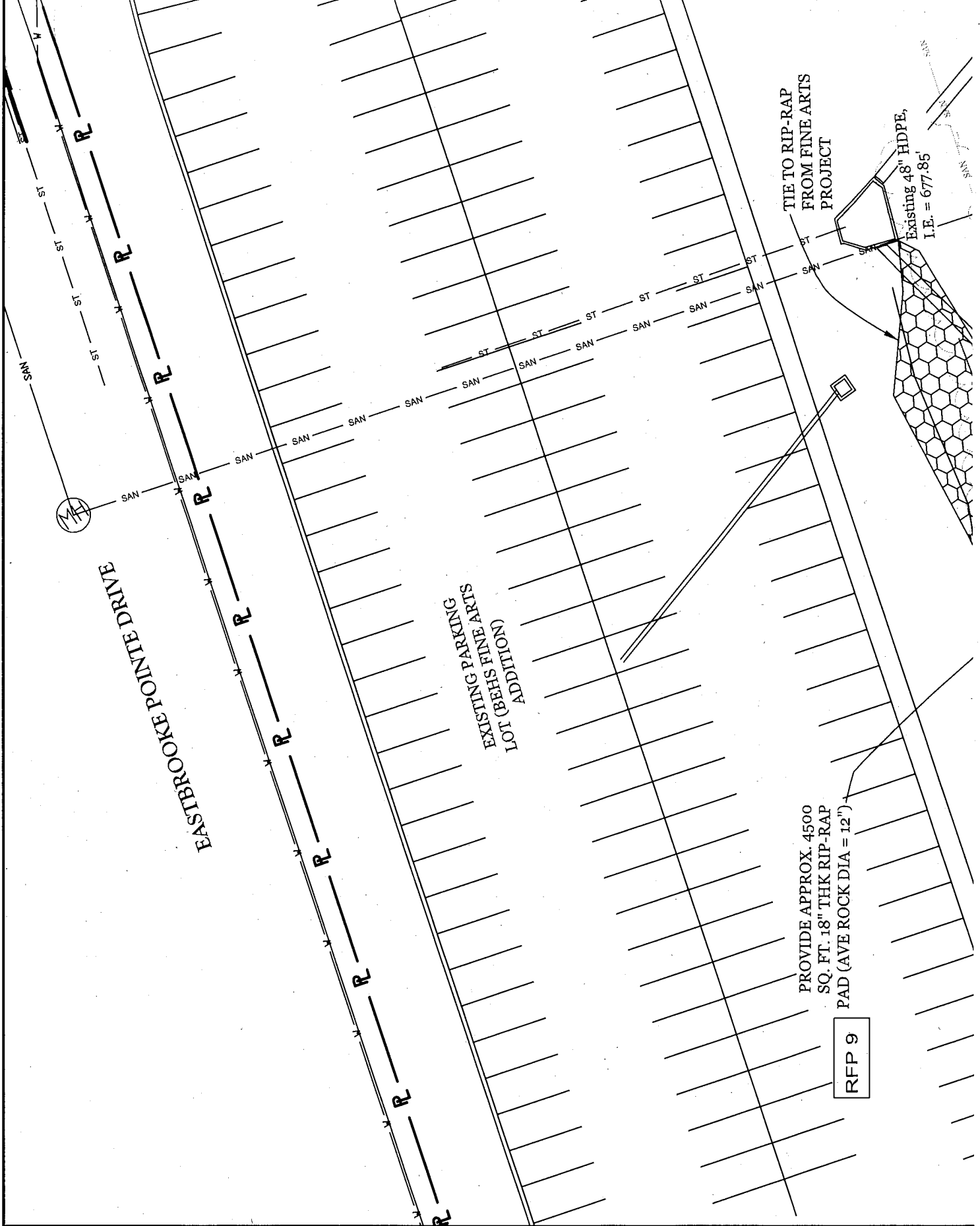
EXISTING PARKING
EXISTING FINE ARTS
LOT (BEHS FINE ARTS
ADDITION)

TIE TO RIP-RAP
FROM FINE ARTS
PROJECT

Existing 48" HDPE,
I.E. = 677.85'

PROVIDE APPROX. 4500
SQ. FT. 18" THK RIP-RAP
PAD (AVE ROCK DIA = 12")

RFP 9



NOTE: THE PLAN DATA, PROPERTY LINES AND PROJECT CONTROL POINTS HERIN ARE BASED ON AN ADJUSTED SITE DATUM REFERENCED TO KY NORTH STATE PLAN COORDINATE SYSTEM. TOPOGRAPHIC SURVEY FOR THIS PROJECT WAS COMPLETED BY KAPUR, INC.

EASTBROOKE POINTE DRIVE

EXISTING PARKING
LOT (BE SHEFFER
ST. (NOILIDAY

Existing 48" HDPE,
I.E. = 677.85'

