

SUBMITTAL REVIEW COMMENTS

RETURNED TO

COMPANY:	Crafton Tull
ATTN:	Mark Owings
SENT VIA:	Email

DATE: 08-21-26

REVIEWED BY: N. Williams

PROJECT NAME:	HOG Pinnacle
IMEG #:	230303R
SECTION NO.:	238216-01
DESCRIPTION:	Hydronic Coils

CONTRACTOR:	<u>Clark</u>
CTR. SUBMITTAL #:	<u>238216-01</u>
SUBMITTAL DATE:	<u>07-29-26</u>
DATE RECEIVED:	<u>08-19-26</u>

This review is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Notations made on the shop drawings during this review do not relieve the contractor from compliance with the requirements of the contract documents. Review of a specific item shall not include acceptance of an assembly of which the item is a component. The contractor is solely responsible for confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordination of his or her work with that of all other trades; and performing all work in a safe and satisfactory manner.

[illegible]





SUBMITTAL COMMENT SHEET

Project: 1763 - Highlands Building at Pinnacle Hills

Submittal

Spec: 23 82 16

Title: Hydronic Air Coils

General Notes by Clark:



☐ APPROVED

☐ APPROVED AS NOTED

☐ REVISE & RESUBMIT

☒ REVIEWED

☐ REJECTED

THIS SUBMITTAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. APPROVAL DOES NOT RELIEVE THE SUBCONTRACTOR/SUPPLIER OF THE RESPONSIBILITY FOR CONFORMANCE TO THE QUALITY STANDARDS AS SET FORTH IN THE CONTRACT DOCUMENTS. NOR DOES IT RELIEVE THE RESPONSIBILITY FOR FIELD VERIFICATION OF ALL CONDITIONS RELATING TO THIS CONTRACT.

OK'D BY: BA DATE: 08/19/26

CLARK
CONTRACTORS

Comfort Systems USA (Arkansas), Inc.
P.O. Box 16620
Little Rock, AR 72231
Phone 501-834-3320
Fax 501-834-5416

Date: 07/29/2026
Return Request: 08/19/2026
Project: Highlands Building at Pinnacle Hills
Supplier: Comfort Systems USA
Manufacturer: Various
Submittal: Hot Water Coil
Submittal Number: Hot Water Coil -01
Drawing # and Installation: Mechanical

ARCHITECT

Crafton Tull
Fayetteville, Ar

ENGINEER

IMEG

GENERAL CONTRACTOR

Clark Contractors
Rogers, Ar

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
116 Commercial Ave.
Lowell, AR 72745
(479) 770.8992

NOTES:

No Spec Section

CSUSA PROJECT NO.
26-5034

jzuber@comfortar.com



SUBMITTAL DATA

Job Name

For

Hot Water Duct Coil

Sold To

Comfort Systems USA

Prepared For

IMEG

Prepared By

Harrison Energy Partners

Date

7/20/2026

Table of Contents

Technical Data Sheet - DH-1-1	3
CW Same end RH_Drawing - DH-1-1	4
Technical Data Sheet - DH-2-2	5
CW Same end RH_Drawing - DH-2-2	6
Technical Data Sheet - DH-3-1	7
CW Same end RH_Drawing - DH-3-1	8

Job Information		Technical Data Sheet	
Job Name	Highlands Building at Pinnacle Hills		
Date	7/20/2026		
Submitted By	Sam Browning		
Software Version	11.20	Coil DLL Version	11.20
Unit Tag	DH-1-1		



Coil Overview					
Model Number	Application	Total Capacity Btu/hr	Air Flow CFM	Fin Height in	Fin Length in
5WQ1003B	Hot Water coil	50356	1530	18	16.00

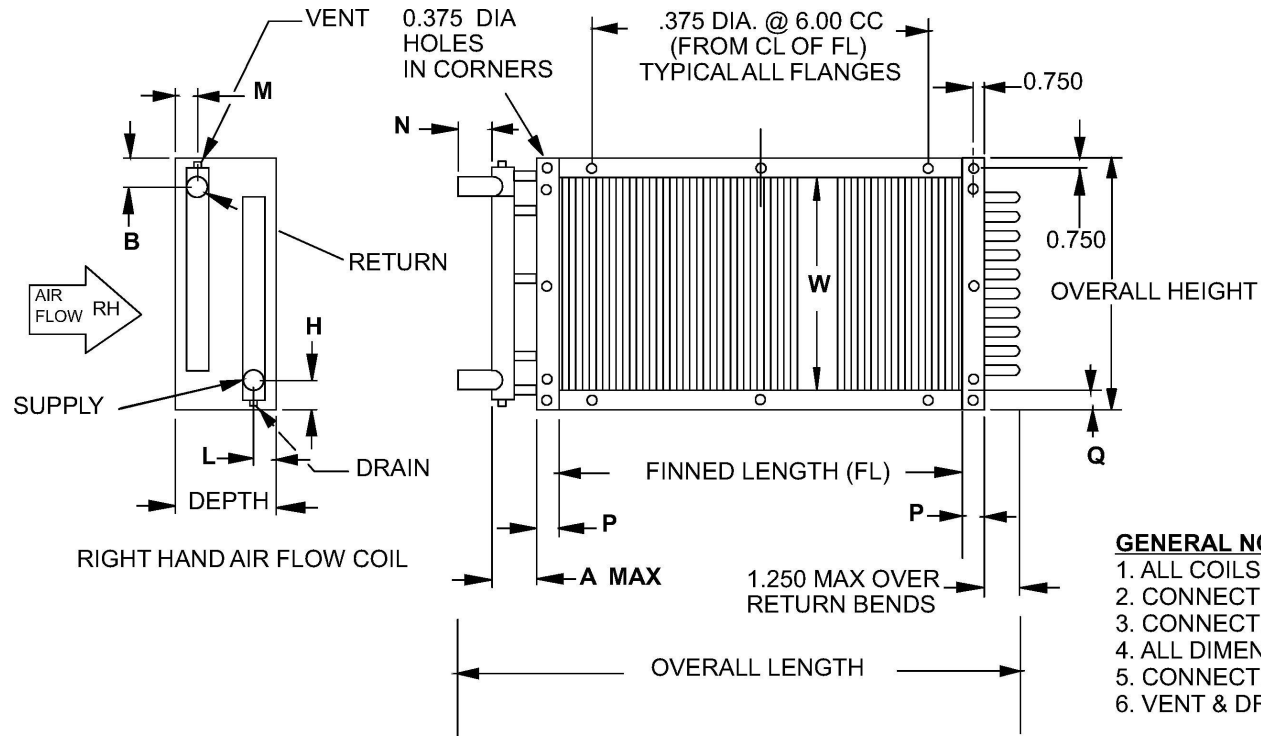
Coil	
Model Number:	5WQ1003B
Application:	Hot Water coil
Type	Standard
Crating:	Standard Crate

Physical (Per Coil)					
Depth	Height	Length	Weight		
			Shipping	Operating	Dry
6.00 in	24.00 in	29.62 in	122 lb	53 lb	39 lb
Material					
Tube Diameter	Fin		Tube	Case	
0.625 in	0.0075 in Aluminum		0.020 in Copper nominal	Galvanized steel	
Geometry					
Fin Design	Fins per Inch	Number of Rows	Fin Height	Fin Length	Tube Spacing
Corrugated	10	3	18 in	16.00 in	1.50 X 1.299
Connection				Flange Dimensions	
Type	Size	Hand	Length	Header	Side
Carbon Steel (threaded)	1.500 in	Right Hand	6.00 in	1.50 in	3.00 in

Performance					
Air Flow CFM		Altitude ft		Face Area ft²	Face Velocity ft/min
1530		0		2.0	765.0
Total Capacity Btu/hr	Temperature				Air Pressure Drop inH₂O
	Entering		Leaving		
	Air Dry Bulb °F	Water °F	Air Dry Bulb °F	Water °F	
50356	50.0	140.0	80.1	109.9	0.58
Fluid					
Volume gal	Flow rate gpm	Velocity ft/s	Type	Glycol Concentration %	Pressure Drop ft H₂O
1.00	3.5	1.2	Propylene	25.0	0.7
Hot Water Fouling Factor:		0.0000			

AHRI Certification

Coil is NOT certified by AHRI.

**GENERAL NOTES:**

1. ALL COILS DRAINABLE
2. CONNECT COILS FOR COUNTERFLOW
3. CONNECTIONS ARE PIPE, NPT (EXT.)
4. ALL DIMENSIONS IN INCHES (MM)
5. CONNECTION LOCATION ± 0.125
6. VENT & DRAIN, $\frac{1}{4}$ NPT

Dimensions																
Coil Model	Coil Airflow	Rows	Fin Height (in)	Fin Length (in)	Overall Height (in)	Overall Length (in)	Conn Size (in)	A (in)	B (in)	H (in)	L (in)	M (in)	N (in)	P (in)	Q (in)	Depth (in)
5WQ1003B	Horizontal	3	18	16.00	24.00	29.62	1.500	3.370	2.290	3.790	1.70	1.70	6.00	1.50	3.00	6.000

Product Drawing

Product:

Model: 5WQ

Unit Tag: DH-1-1

Project Name: Highlands Building at

July 20, 2026

Ver/Rev:

Sheet: 1 of 1

Sales Office: Harrison Energy Partners

Sales Engineer:

Scale: NTS

Tolerance: +/- 0.25"

Dwg Units: (in)



13600 Industrial Park Blvd. Minneapolis, MN 55441
 www.DaikinApplied.com Software Version: 11.20

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

Job Information		Technical Data Sheet	
Job Name	Highlands Building at Pinnacle Hills		
Date	7/20/2026		
Submitted By	Sam Browning		
Software Version	11.20	Coil DLL Version	11.20
Unit Tag	DH-2-2		



Coil Overview					
Model Number	Application	Total Capacity Btu/hr	Air Flow CFM	Fin Height in	Fin Length in
5WQ1003B	Hot Water coil	51639	1580	18	16.00

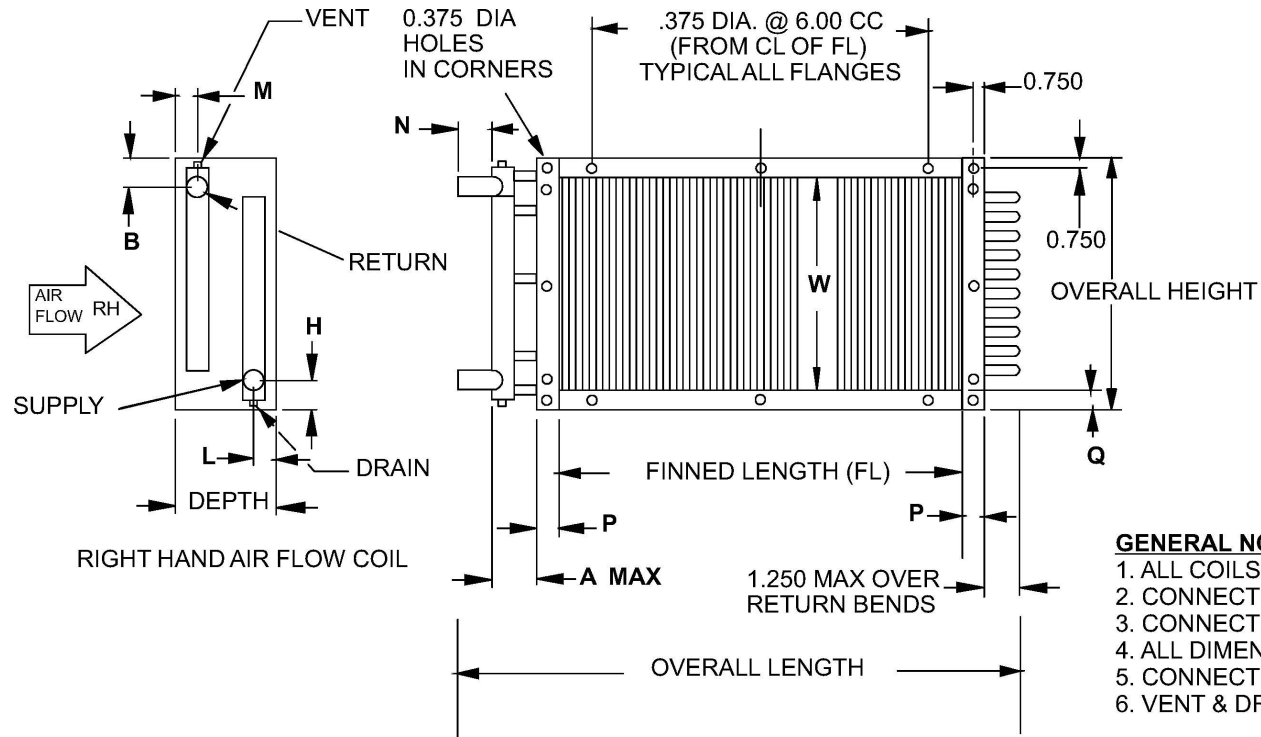
Coil	
Model Number:	5WQ1003B
Application:	Hot Water coil
Type	Standard
Crating:	Standard Crate

Physical (Per Coil)					
Depth	Height	Length	Weight		
			Shipping	Operating	Dry
6.00 in	24.00 in	29.62 in	122 lb	53 lb	39 lb
Material					
Tube Diameter	Fin		Tube	Case	
0.625 in	0.0075 in Aluminum		0.020 in Copper nominal	Galvanized steel	
Geometry					
Fin Design	Fins per Inch	Number of Rows	Fin Height	Fin Length	Tube Spacing
Corrugated	10	3	18 in	16.00 in	1.50 X 1.299
Connection				Flange Dimensions	
Type	Size	Hand	Length	Header	Side
Carbon Steel (threaded)	1.500 in	Right Hand	6.00 in	1.50 in	3.00 in

Performance					
Air Flow CFM		Altitude ft		Face Area ft²	Face Velocity ft/min
1580		0		2.0	790.0
Total Capacity Btu/hr	Temperature				Air Pressure Drop inH₂O
	Entering		Leaving		
	Air Dry Bulb °F	Water °F	Air Dry Bulb °F	Water °F	
51639	50.0	140.0	79.9	110.1	0.62
Fluid					
Volume gal	Flow rate gpm	Velocity ft/s	Type	Glycol Concentration %	Pressure Drop ft H₂O
1.00	3.6	1.3	Propylene	25.0	0.7
Hot Water Fouling Factor:		0.0000			

AHRI Certification

Coil is NOT certified by AHRI.

**GENERAL NOTES:**

1. ALL COILS DRAINABLE
2. CONNECT COILS FOR COUNTERFLOW
3. CONNECTIONS ARE PIPE, NPT (EXT.)
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Dimensions																
Coil Model	Coil Airflow	Rows	Fin Height (in)	Fin Length (in)	Overall Height (in)	Overall Length (in)	Conn Size (in)	A (in)	B (in)	H (in)	L (in)	M (in)	N (in)	P (in)	Q (in)	Depth (in)
5WQ1003B	Horizontal	3	18	16.00	24.00	29.62	1.500	3.370	2.290	3.790	1.70	1.70	6.00	1.50	3.00	6.000

Product Drawing

Product:

Model: 5WQ

Unit Tag: DH-2-2

Project Name: Highlands Building at

July 20, 2026

Ver/Rev:

Sheet: 1 of 1

Sales Office: Harrison Energy Partners

Sales Engineer:

Scale: NTS

Tolerance: +/- 0.25"

Dwg Units: (in)



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Job Information		Technical Data Sheet	
Job Name	Highlands Building at Pinnacle Hills		
Date	7/20/2026		
Submitted By	Sam Browning		
Software Version	11.20	Coil DLL Version	11.20
Unit Tag	DH-3-1		



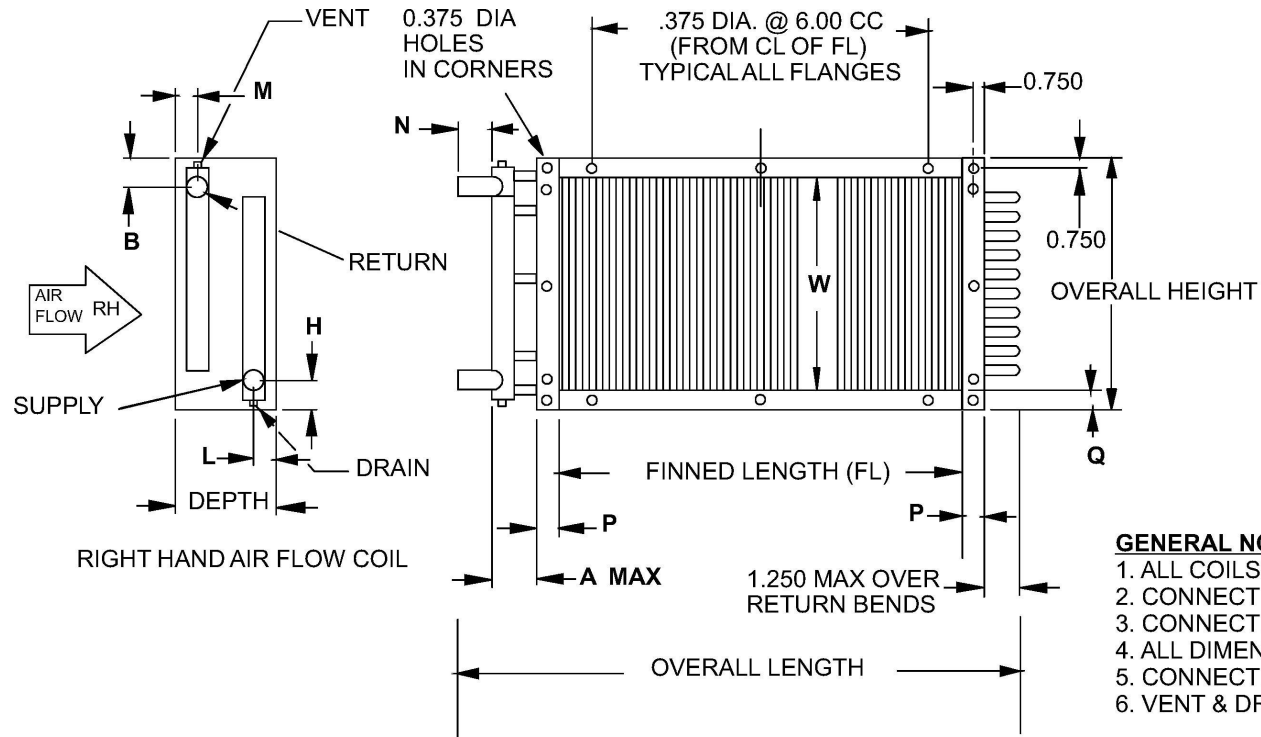
Coil Overview					
Model Number	Application	Total Capacity Btu/hr	Air Flow CFM	Fin Height in	Fin Length in
5WQ1203B	Hot Water coil	20069	600	12	12.00

Coil	
Model Number:	5WQ1203B
Application:	Hot Water coil
Type	Standard
Crating:	Standard Crate

Physical (Per Coil)					
Depth	Height	Length	Weight		
			Shipping	Operating	Dry
6.00 in	18.00 in	25.62 in	95 lb	34 lb	26 lb
Material					
Tube Diameter	Fin		Tube	Case	
0.625 in	0.0075 in Aluminum		0.020 in Copper nominal	Galvanized steel	
Geometry					
Fin Design	Fins per Inch	Number of Rows	Fin Height	Fin Length	Tube Spacing
Corrugated	12	3	12 in	12.00 in	1.50 X 1.299
Connection				Flange Dimensions	
Type	Size	Hand	Length	Header	Side
Carbon Steel (threaded)	1.500 in	Right Hand	6.00 in	1.50 in	3.00 in

Performance					
Air Flow CFM		Altitude ft		Face Area ft²	Face Velocity ft/min
600		0		1.0	600.0
Total Capacity Btu/hr	Temperature				Air Pressure Drop inH₂O
	Entering		Leaving		
	Air Dry Bulb °F	Water °F	Air Dry Bulb °F	Water °F	
20069	50.0	140.0	80.6	109.4	0.44
Fluid					
Volume gal	Flow rate gpm	Velocity ft/s	Type	Glycol Concentration %	Pressure Drop ft H₂O
1.00	1.4	0.7	Propylene	25.0	0.2
Hot Water Fouling Factor:		0.0000			

AHRI Certification	
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**GENERAL NOTES:**

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Coil Model	Coil Airflow	Rows	Fin Height (in)	Fin Length (in)	Overall Height (in)	Overall Length (in)	Conn Size (in)	A (in)	B (in)	H (in)	L (in)	M (in)	N (in)	P (in)	Q (in)	Depth (in)
5WQ1203B	Horizontal	3	12	12.00	18.00	25.62	1.500	3.370	2.290	3.790	1.70	1.70	6.00	1.50	3.00	6.000

Product Drawing

Product:

Model: 5WQ

Unit Tag: DH-3-1

Project Name: Highlands Building at

July 20, 2026

Ver/Rev:

Sheet: 1 of 1

Sales Office: Harrison Energy Partners

Sales Engineer:

Scale: NTS

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