

CHANGE ORDER

ORDER NO.: 5
DATE: February 25, 2021
AGREEMENT DATE: April 3, 2019

NAME OF PROJECT: Wilbarger Creek Wastewater Treatment and Collection System Improvements

OWNER: City of Manor

CONTRACTOR: Excel Construction Services, LLC

The following changes are hereby made to the CONTRACT DOCUMENTS:

1. Justification:

Item No. 1 - Add 1 LS Change Order Item C.O.5-1, Misc. Revisions including: Added card reader to door 3A, change door 3 to be keyed, swap chem feed frp door deadbolts to blank filler; sludge processing revisions: installation of 108 orifices to aeration system, add air 5 header drops to cl2 basin, 6" drain tie to existing drain; add 6" drain line for admin building canopy downspout to north of building, TCESD 12 requested additional signage @ \$16,643.00/LS

Item No. 2 - Add 1 LS Change Order Item C.O.5-2, Installation of data system improvements in admin building, installation of 1.25 ton mini-split system in electrical (IT) room @ \$36,949.00/LS

2. Change to CONTRACT PRICE:

Original CONTRACT PRICE: \$16,722,300.00

Current CONTRACT PRICE adjusted by previous CHANGE ORDER \$17,202,143.00

The CONTRACT PRICE due to this CHANGE ORDER will be increased or (decreased) by: \$53,592.00

New CONTRACT PRICE including this CHANGE ORDER will be: \$17,255,735.00

3. Change to CONTRACT TIME:

The CONTRACT TIME will be increased or (decreased) by 0 calendar days for Base and Alternate Bid D for substantial completion of treatment plant expansion and new on-site lift station, 10 days for sludge processing work, and 15 calendar days for final completion of all work. The date for substantial completion of Base and Alternate Bid D treatment plant expansion and new on-site lift station work will be May 27, 2020. The date for substantial completion of Base Bid sludge processing at existing plant work will be September 23, 2020, 2020. The date for final completion of all Base and Alternate Bid D work will be January 8, 2021.

Approvals Required:

To be effective, this order must be signed by all parties to the Agreement if it changes the scope or objective of the PROJECT, or as may otherwise be required by the SUPPLEMENTAL GENERAL CONDITIONS.

Recommended by: Frank T. Phelan, P.E. Signed: Frank T. Phelan
Engineer

Ordered by: _____ Signed: _____
Owner

Accepted by: DAVID WOLFF Signed: David Wolff
Contractor



February 3, 2021

Mr. Mike Tuley
City of Manor – Public Works Department
547 Llano Street
Manor, TX 78653

**RE: Wilbarger Creek Wastewater Treatment And Collection System Improvements
CPR 034 – Misc Revisions**

Dear Mr. Tuley:

Excel Construction Services is pleased to offer the following pricing for miscellaneous revisions. Revisions discussed during keying meeting to include adding a card reader to door 03A, change door 03 to be keyed, swap chem feed frp door deadbolts to blank filler. Revisions at the sludge processing plant to include installation of 108 orifices to the existing aeration system, installation of air header and 5 drops at the existing CL2 basin, pipe and installation of a 6” drain to tie into the existing drain. Piping and installation of 6” drain from the admin building canopy downspout to daylight north of the building. TC ESD 12 misc requested additional signage. See below pricing and attached breakdown for review. We are requesting (10) additional contract days for this work.

PROPOSAL TOTAL

\$16,643.00

Don't hesitate to contact me if you have any questions or comments.

Respectfully,

D. Wolff

David Wolff – Project Manager
Excel Construction Services, LLC

cc: Jim Gosdin – Project Superintendent

CHANGE PROPOSAL SUMMARY SHEET



Project Name: **WILBARGER CREEK WASTEWATER TREATMENT & COLLECTION SYSTEM IMPROVEMENTS**
 Change Description: **Misc Revisions**
 CPR 34 Date: February 3, 2021

MATERIALS/QUOTES:	Amount	Op	Rate	Extended
Hull Supply	\$ 525.00	X	1	\$525.00
Core&Main	\$ 4,498.03	X	1	\$4,498.03
Brimar	\$ 144.02	X	1	\$144.02
Pipe bedding	\$ 315.65	X	1	\$315.65
backhoe	\$ 40.00	X	20	\$800.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
Subtotal				\$6,282.70
Sales Tax	\$6,282.70	X	0.00%	\$0.00
MATERIAL/QUOTES SUBTOTAL				\$6,282.70

LABOR:	Hours	Op	Rate	Extended
Keying revisions	8	X	\$27.00	\$216.00
Orifice install	32	X	\$27.00	\$864.00
Canopy drain piping	8	X	\$27.00	\$216.00
Thickener drain	48	X	\$27.00	\$1,296.00
Thickener cl2 aeration	24	X	\$27.00	\$648.00
Overtime Labor:	0	X	\$40.50	\$0.00
Subtotal Manhours:	0			
Jesus C Marquez (Foreman):	40	X	\$40.00	\$1,600.00
Superintendent Time:	0	X	\$75.00	\$0.00
Material Proc. & Hndlg. Labor (5% of Man Hours):	0	X	\$20.00	\$0.00
Update As Built Drawings:	0	X	\$44.75	\$0.00
SUBTOTAL LABOR:				\$4,840.00

DIRECT JOB EXPENSES:	Amount	Op	Rate	Extended
Project Manager	16	X	\$85.00	\$1,360.00
		X	1	\$0.00
SUBTOTAL DIRECT JOB EXPENSES:				\$1,360.00

EXCEL CONSTRUCTION MARKUPS:	Amount	Op	Rate	Extended
Direct Costs:	\$12,482.70	X	1	\$12,482.70
Work Comp / SS / Unemployment:	\$4,840.00	X	25.00%	\$1,210.00
SUBTOTAL:				\$13,692.70
OH&P @ 15%:	\$13,692.70	X	15.00%	\$2,053.91
EXCEL CONSTRUCTION SUBTOTAL:				\$15,746.61

SUBCONTRACTS WITH MARKUPS:	Amount	Op	Rate	Extended
Technik	\$439.99	X	1	\$439.99
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
SUBTOTAL:				\$439.99
OH&P @ 15%:	\$439.99	X	15.00%	\$66.00
SUBCONTRACTS SUBTOTAL:				\$505.99

SUBTOTAL / SUMMARY:	Amount	Op	Rate	Extended
Liability / Builders Risk (Cost of Work Only):	\$14,132.69	X	2.00%	\$282.65
SUBTOTAL (Excel Subtotal / Subcontracts / Builders Risk):				\$16,535.25
P&P Bond \$100,000 or Less:	\$0.00	X	2.50%	\$0.00
P&P Bond \$100,001 thru \$500,000:	\$0.00	X	1.50%	\$0.00
P&P Bond \$500,001 thru \$2,500,000 :	\$0.00	X	1.00%	\$0.00
P&P Bond \$2,500,001 thru \$5,000,000:	\$0.00	X	0.75%	\$0.00
P&P Bond \$5,000,001 thru \$7,500,000:	\$0.00	X	0.70%	\$0.00
P&P Bond Over \$7,500,000:	\$16,535.25	X	0.65%	\$107.48
GRAND TOTAL THIS CHANGE:				\$16,643

Change Order: #CH-E3520-3



Client: Excel Construction

Project: E3520

Date: 01-29-2021

Details of project change: Additional Door 03A

. Customer would like to add access control back to door 03A.
Door will need reader, and door set cable. Reader and cable will be provided by Technik.
Customer will need to provide electric door strike.

Schedule impact: ASAP

Cost impact: \$439.99 + Tax

Please contact project manager with any questions or issues concerning this change order.
To proceed with change, please sign and return to Technik Enterprises or email confirmation of the COR#.

Signature: _____ Print Name/Title: _____

Date: _____



SUPPLY SERVICES ACCESS CONTROLS
COMMERCIAL DOORS, FRAMES, & HARDWARE

www.hullsupply.com Security License #B15803

5117 East Cesar Chavez PH: 512-385-1262
Austin, TX 78702 Fax: 512-385-0225
Counter Fax:

DAVID CAMPOS
davidcampos@hullsupply.com

Ph: 512-225-8070 Mobile: 512-402-4147

Quote

I 0 0 0 0 0 0 0 0 0 0 0 1

Sales Order NO:0280002
Order Date: 1/21/2021
Ship Date: **1/29/2021**
Job NO: 1900397

S 0008027
O EXCEL CONSTRUCTION SERVICES
L P. O. BOX 2260
D LEANDER, TX 78646
TO:

ContactName: DAVID WOLF
ContactPh: 512-944-3039
karen@excelconstruction.com

S WILBARGER CREEK WWTP
H 547 LLANO ST.
I InvoiceOnly-19-008.081
P MANOR, TX 78653
TO:

CO ADDED HDW

Customer PO	Ship Via	FOB	TERMS	Written By:
WILBARGER	OUR_TRUCK		Net 30 days	DAVID CAMPOS

Line NO	Ship UM Qty	Qty Picked	ITEM NUMBER BO	ITEM DESCRIPTION	BIN	UnitPrice	ExtAmt
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ADDED HARDWARE PER DAVID'S REQUEST. PLEASE REVIEW ALL OPENINGS LISTED BELOW BY HARDWARE. PLEASE ADVISE IF APPROVED. LEAD TIME 5-7 WORKING DAYS

* 2	1 EA			SECURITY LOCK	T511BD Q 626 Entry	Bin:	0.00	0.00
					TAG(S): 03			
3	3 EA			RKF161SF	HMA D/L STRIKE FILLER PLATE 2-3/4" x 1-1/8"	Bin: WC.D4.2A	0.00	0.00
					TAG(S): chem1,chem2,chem3			
4	3 EA			RKF161LF	HMA L1 DOOR EDGE FILLER PLATE	Bin: WC.C4.2A	0.00	0.00
					TAG(S): chem1,chem2,chem3			
5	3 EA			RKF161FC	HMA 161 CYL FACE COVER KIT	Bin: WC.C4.1A	0.00	0.00
					TAG(S): chem1,chem2,chem3			
6	2 EA			ICM7-26D-SA	GMS IC MORT HSNG SA CAM (SARGENT) 26D	Bin: KEY-05-B1	0.00	0.00
					TAG(S): chem1,chem2			
7	1 EA			ICM7-26D-AR	GMS IC MORT HSNG AR CAM (ADAMS RITE) 26D	Bin: KEY-05-B2	0.00	0.00
					TAG(S): 01A			
8				/015	TOTAL FOR HARDWARE	Bin:		435.00
9				/DEL	DELIVERY CHARGES	Bin:		90.00

Note: Check shipments thoroughly. We are not responsible for shipment after delivery. Your signature here means you acknowledge receipt of material on this page and previous page(s). Keep your receipt for verification of such.

Received by _____ Date: _____

Print Name: _____

Net Order:	525.00
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Order Total:	525.00
Less Deposit:	0.00
Order Balance:	525.00

RE-STOCKING FEE 25% *SPECIAL ORDERED ITEM NOT RETURNABLE

HMD	STF	KEYSHOP	PURCHASING
WDR	ALF	INSTALL	SHIPPING
HMF	CAGE	TAGGING	SERVER

Page 1 of 1
Printed: 1/21/2021 8:11:53AM
SO WITH TAGS\SO_SalesOrder2.RPT

Description	Qty Ordered	Qty Shipped	Qty B/O	Net Price	UOM	Ext
6 FLG 45 C110 P401 PR IMP	1	1		\$ 266.03 EA		\$ 266.03
6 FLG 90 C110 P401 PR IMP	1	1		\$ 286.01 EA		\$ 286.01
6 MJ 45 C153 P401 IMP	3	3		\$ 191.29 EA		\$ 573.87
6 TJ CL50 PR350 DI PIPE P401	40	20	20	\$ 20.89 FT		\$ 835.60
6 MJ TEE C153 P401 IMP	1	1		\$ 252.34 EA		\$ 252.34
6 MJ L/P SLV C153 P401 IMP	1	1		\$ 229.08 EA		\$ 229.08
6 316SS HEX BOLT & NUT KIT	4	4		\$ 23.43 EA		\$ 93.72
6X1/8 FLG FF RR GASKET	4	4		\$ 4.87 EA		\$ 19.48
6" SIP EZGRIP DI JT REST&ACC'S	11	11		\$ 33.80 EA		\$ 371.80
6"x10 ' 00" FLXPE DIP PEL	1	1		\$ 596.52 EA		\$ 596.52
12 BLIND FLG DI P401 PR IMP	1		1	\$ 769.00 EA		\$ 769.00
6" PVC SDR26 HW SWR PIPE (G) 14'	28	28		\$ 3.50 FT		\$ 98.00
6 HW SWR SDR26 45 GXG	4	4		\$ 21.86 EA		\$ 87.44
6 HW SWR SDR26 45 GXSP	1	1		\$ 19.14 EA		\$ 19.14
						\$4,498.03



Quote #

AW011821

64 Outwater Lane, Garfield, NJ 07026 | Toll Free: 800-274-6271 | Ph: 973-340-7889 | Fax: 973-340-7809

BILLING/SHIPPING INFORMATION

Brimar Account #	5129443039	Quote Date:	1/18/2021
Shipping Method:	FEDEX / FedEx Ground	Expected Ship Date:	
Payment Terms:	CREDIT CARD	Quoted by:	AUSTIN W

Billing Name:	David Wolff	Shipping Name:	Excel Construction Services
Billing Address 1:	4200 Everest Lane	Shipping Address 1:	547 Llano Street
Billing Address 2:		Shipping Address 2:	
City, State, Zip:	Austin, TX 78727	City, State, Zip:	Manor, TX 78653
Contact:		PO #:	
Email:	david@excelconstruction.com	Tag:	
Phone:	5129443039	Job:	
Fax:			

ITEM INFORMATION

Product Code / Part#	Size	Color Bkgd/Letter	Product Details	Quantity	Unit Price	Extended Price
G4820-AK	14 X 10"	MULTI	DANGER SODIUM HYPOCHLORITE	2	\$10.40	\$20.80
			3.5 MIL PEEL AND STICK VINYL LABEL			
C0000-B2L	7 x 5"	WHITE/BLK	CUSTOM 3.5 MIL PEEL AND STICK VINYL LABEL	1	\$8.50	\$8.50
C-6X4-080EG	6 x 4"	RED/WHITE	.080 ENGINEER GRADE REFLECTIVE ALUMINUM	2	\$49.70	\$99.40
			ROUNDED CORNERS/ FOUR CORNER 7/32" HOLES			

Notes or Special Instructions	SALES TAX NEXUS ESTABLISHED <input checked="" type="radio"/> Yes <input type="radio"/> No
	CUSTOMER SALES TAX EXEMPT <input checked="" type="radio"/> Yes <input type="radio"/> No

Terms & Conditions	This quote is valid for 30 days from date of issue
	Above prices are based on information provided at the time of quote request. Brimar reserves the right to re-evaluate this quote upon receipt of order. Any changes to quantity or items ordered will impact the cost of the order
	Prices do not include freight unless noted
	Please reference quote # when placing the order

Sub Total \$	\$128.70
Sales Tax	\$11.88
Freight	\$15.32
Total Amount \$	\$155.90
	Tax Exempt*

Tax Exempt Certificate MUST be sent when order is PLACED. No Certificates Will Be Accepted After Order is Placed.



February 8, 2021

Mr. Mike Tuley
City of Manor – Public Works Department
547 Llano Street
Manor, TX 78653

**RE: Wilbarger Creek Wastewater Treatment And Collection System Improvements
CPR 035 – Admin Bldg- Data & Minisplit**

Dear Mr. Tuley:

Excel Construction Services is pleased to offer the following pricing for data installation at the admin building as well as installation of a mini split system at the electrical room. For the mini split system a 1.25 ton unit is proposed due to the length of refrigerant line run. See below pricing and attached breakdown for review. We are requesting (15) additional contract days for this work.

PROPOSAL TOTAL

\$36,949.00

Don't hesitate to contact me if you have any questions or comments.

Respectfully,

D. Wolff

David Wolff – Project Manager
Excel Construction Services, LLC

cc: Jim Gosdin – Project Superintendent

CHANGE PROPOSAL SUMMARY SHEET



Project Name: **WILBARGER CREEK WASTEWATER TREATMENT & COLLECTION SYSTEM IMPROVEMENTS**
 Change Description: **ADMIN BLDG - DATA & MINISPLIT**
 CPR 35

Date: February 8, 2021

MATERIALS/QUOTES:	Amount	Op	Rate	Extended
Minisplit concrete pad	\$ 75.00	X	1	\$75.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
Subtotal				\$75.00
Sales Tax	\$75.00	X	0.00%	\$0.00
MATERIAL/QUOTES SUBTOTAL				\$75.00

LABOR:	Hours	Op	Rate	Extended
Minisplit concrete pad	6	X	\$27.00	\$162.00
	0	X	\$27.00	\$0.00
	0	X	\$27.00	\$0.00
	0	X	\$27.00	\$0.00
		X	\$27.00	\$0.00
Overtime Labor:	0	X	\$40.50	\$0.00
Subtotal Manhours:	0			
Jesus C Marquez (Foreman):	2	X	\$40.00	\$80.00
Superintendent Time:	0	X	\$75.00	\$0.00
Material Proc. & Hndlg. Labor (5% of Man Hours):	0	X	\$20.00	\$0.00
Update As Built Drawings:	0	X	\$44.75	\$0.00
SUBTOTAL LABOR:				\$242.00

DIRECT JOB EXPENSES:	Amount	Op	Rate	Extended
Project Manager	8	X	\$85.00	\$680.00
		X	1	\$0.00
SUBTOTAL DIRECT JOB EXPENSES:				\$680.00

EXCEL CONSTRUCTION MARKUPS:	Amount	Op	Rate	Extended
Direct Costs:	\$997.00	X	1	\$997.00
Work Comp / SS / Unemployment:	\$242.00	X	25.00%	\$60.50
SUBTOTAL:				\$1,057.50
OH&P @ 15%:	\$1,057.50	X	15.00%	\$158.63
EXCEL CONSTRUCTION SUBTOTAL:				\$1,216.13

SUBCONTRACTS WITH MARKUPS:	Amount	Op	Rate	Extended
Thermal Mechanical	\$9,344.00	X	1	\$9,344.00
PCI	\$1,398.00	X	1	\$1,398.00
T. Morales	\$19,577.00	X	1	\$19,577.00
		X	1	\$0.00
		X	1	\$0.00
SUBTOTAL:				\$30,319.00
OH&P @ 15%:	\$30,319.00	X	15.00%	\$4,547.85
SUBCONTRACTS SUBTOTAL:				\$34,866.85

SUBTOTAL / SUMMARY:	Amount	Op	Rate	Extended
Liability / Builders Risk (Cost of Work Only):	\$31,376.50	X	2.00%	\$627.53
SUBTOTAL (Excel Subtotal / Subcontracts / Builders Risk):				\$36,710.51
P&P Bond \$100,000 or Less:	\$0.00	X	2.50%	\$0.00
P&P Bond \$100,001 thru \$500,000:	\$0.00	X	1.50%	\$0.00
P&P Bond \$500,001 thru \$2,500,000 :	\$0.00	X	1.00%	\$0.00
P&P Bond \$2,500,001 thru \$5,000,000:	\$0.00	X	0.75%	\$0.00
P&P Bond \$5,000,001 thru \$7,500,000:	\$0.00	X	0.70%	\$0.00
P&P Bond Over \$7,500,000:	\$36,710.51	X	0.65%	\$238.62
GRAND TOTAL THIS CHANGE:				\$36,949



Project: Manor Wilbarger Creek WWTP
Owner: City of Manor
Date: 02-08-21

TMC Change #: COR-09
Project Change #: N/A

Change Order Request

Morales Company offers a change in pricing for consideration by the Owner.

Work associated with this Change includes the following:

- Attached Southern Datacom Quote
- Power to Qty (1) – Mini split AC System to Electric Room.

Items not included in this Change pricing:

- Any equipment not specifically referenced above

Total cost for work associated with this change is \$19,577.00

Extension in Time Request:

Approx time for installation: 2-4 weeks.

Change Initiated By: Frank Phelan / JEng. Change Prepared By: Zachary Eldridge / TMC
 Change Delivered To: David Wolf / Excel Response Rqst'd By: ASAP
 Carbon Copy To: None



3508 Montopolis Dr.
Austin, TX 78744
Telephone (512) 448-7800

BID DATE: 2/2/2021
SUBMITTED BY: Michael Pounds
BID #: AUS14742 CITY OF MANOR
PROJECT: CITY OF MANOR
CUSTOMER: T MORALES COMPANY
ADDRESS: PO BOX 859
CITY & STATE, ZIP: FLORENCE, TX 76542
CONTACT: ZAHCARY ELDRIDGE
PHONE: 254-702-3019 C 254-793-4344 O
Email: zeldrigde@moralescompany.com

Scope of Services: DATA CABLING FOR NEW OFFICE

SOUTHERN DATACOM WILL PROVIDE LABOR AND EQUIPMENT TO INSTALL THE FOLLOWING:

Inclusions:

- Install (1) Cat 6 plenum white cable to 13 locations as on floorplans provided.
- Install (2) Cat 6 plenum white cable to 27 locations as on floorplans provided.
- Install (1) RG6 quad shield plenum cable to locations as on floorplans provided.
- Install HDMI,VGA,RCA and Audio cables to TV locations.
- Install ground bar and ground cable for rack and ladder rack.
- Per the customer, Regular working hours will be between **Monday - Friday schedule TBD.**
- Per the customer all access to the buildings will be provided in a timely manner.
- Techs are to USE 6', 8', OR 10' LADDERS FOR CABLING PATHWAYS.

All cables at locations will be terminated with CAT 6 jacks White , secured in wall . In closets all cables secured into new 24 port loaded patch panels.

Exclusions:

- This proposal must be accepted in its entirety, in writing, within 60 calendar days or subject to modification and/or withdrawal without further notice.
- This bid does not include patch cords for the closet or the location end .
- This bid does not OSP cabling, extending DMARC, or anything not mentioned above.
- This bid does not have pricing for HDMI, VGA, RCA, and Audio no scope of work given .
- This bid does not have network switches with fiber connections awaiting answer to questions.
- A/V equipment to include TV's, cameras

MATERIAL DESCRIPTION	QTY / FT.
COPPER CABLING	
CATEGORY 6 PLENUM WHITE	11
RG6 QUAD SHELDED PLENUM CABLE WHITE	1
COPPER HARDWARE	
4 PORT FACEPLATE IVORY TRACKJACK	41
F CONNECTORS INSERTS TRACKJACK	3
F CONNECTORS COMPRESSION (BAG OF 25)	1
CATEGORY 6 RJ45 ANGLED IVORY JACKS (VOICE)	27
CATEGORY 6 RJ45 ANGLED RED JACKS (DATA)	40
BLANK INSERTS TRACKJACK IVORY	80
48 PORT LOADED PATCH PANEL	2
75 FT RAPIDRUN CMG-RATED MULTIFORMAT RUNNER CABLE	2
HDMI 75 FT. CABLE	2
RAPIDRUN SINGLE GANG VGA (HD15) + 3.5mm + Triple RCA WHITE	4
EQUIPMENT HARDWARE	
NETWORK WALL MOUNT EQUIPMENT CABINET 18U, 24" DEPTH	1

If the proposal is correct and you agree with the scope of work, pricing, terms and conditions, please sign and email back to sender. Thank you, we appreciate your business!

12" LADDER RACK	1
2RU HORIZONTAL WIRE MANAGER SINGLE SIDED	2
2RU VENTED SHELF 15" DEEP	1
6 AWG GROUND WIRE GREEN	50
2 HOLE GROUND LUGS	4
TMB GROUND BUS BAR	1
VELCRO BLACK 75' ROLL WHITE	2
J-HOOKS	125
MISCELLANEOUS MATERIALS	1
(NUTS,WASHERS,GAS,PARKING,ETC.)	

LABOR	\$	5,878.37
MATERIAL	\$	9,846.99
SALES TAX	\$	1,297.34
TOTAL	\$	17,022.71

OPTIONAL PRICING - Network Switch

Cisco Catalyst 1000-48P-4G-L Network Switch, 48 Gigabit Ethernet PoE+ Ports, 370W PoE Budget, 4 1G SFP Uplink Ports, Enhanced Limited (C1000-48P-4G-L) **Each \$ 2,012.50**

Cisco LC singlemode fiber SFP transceiver. GLC-LH-SMD **Each \$ 226.00**

NOTE: PRICING FOR ELECTRONIC EQUIPMENT IS GOOD FOR 30 DAYS FROM THE DATE OF QUOTE. THIS EQUIPMENT MAY BE OBSOLETE AT THE TIME OF PURCHASE AND THE COST FOR THE REPLACEMENT WILL NEED TO BE UPDATED.

Provisions

The above proposal is to be accepted in its entirety and cannot deviate without consent of Southern Datacom, Inc. Any changes to the scope of work will result in a change to the pricing. After 30 days of this proposal, all pricing is subject to change.

Warranty

Low Voltage Cabling will be warranted for 1 year upon completion of the project. Electronics or ancillary equipment will be warranty from the date the equipment was purchased.

Payment Terms

Per project Schedule

AGREED AND ACCEPTED BY:

Signature of authorized signer: _____

Date: _____

Printed name: _____

If the proposal is correct and you agree with the scope of work, pricing, terms and conditions, please sign and email back to sender. Thank you, we appreciate your business!



4401 Freidrich Lane, Suite 306, Austin, TX 78744

Telephone: 512-443-0535 Fax: 512-443-3404

February 5, 2021

Attn: David |

Excel Construction Services.

Subject: Willbarger Creek

Ref: COR #004– Tile Demo and reinstall

Dear Mr. David:

Please see below for Office changes to the following

- 1- Tile removal and reinstall (Includes 2 boxes of tile)

Exclusions: Any other additional work not listed on this COR. Does not include Engineering changes if required. Glass install not included. Door and hardware not included.

<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Material</u>	<u>Labor</u>	<u>Equip.</u>	<u>Total</u>
1	1	LS	\$231.00	\$985.00	\$0.00	\$1,216.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
					Subtotal:	\$1,216.00
					Overhead 10%	\$121.60
					Profit 5%	\$60.80
					Total:	\$1,398

Total – COR #004 = 1,133

Sincerely,

Nathan Armstrong
Project Manager

Thermal Mechanical Contractors, Inc.

P.O. Box 646 Manor, Texas 78653
(512) 272-5162 Fax (512) 272-5208
State License No. TACLA006533C

Proposal

Date: 02 02-2021

To: Excell Const
Attn: David Wolff
Fax:

Project Name: WiJbarger WWTP Electrical J Room AC Unit
Location: Manor, Texas

We propose to furnish work complete in accordance with the specifications below; for the sum of; \$9,344.00

Authorized Signature

Note: This proposal may be withdrawn by us if not accepted within 30 days.

We hereby submit our estimate to furnish and install One 1.25 ton Daikin Mini Split in the existing electrical room complete with refrigerant lines, condensate drain and start up.

Exclusions: All ceiling removal and replacement, all electrical piping and wiring including thermostat, concrete condensing unit pad, all local and state taxes.

Acceptance of Proposal - - - - -
Signature Date

These conditions are acceptable and you are authorized to proceed as specified and outlined above.



Submittal Data Sheet

VISTA 1.25 Ton 2 X 2 Ceiling Cassette System - FFQ15Q2VJURX15RMVJU

Project: Bobby Thermal Mech, WWTP

Submitted by: Erin Crow of DXS OF CENTRAL TEXAS on 2/2/2021

Submitted to: No Engineer Name Specified

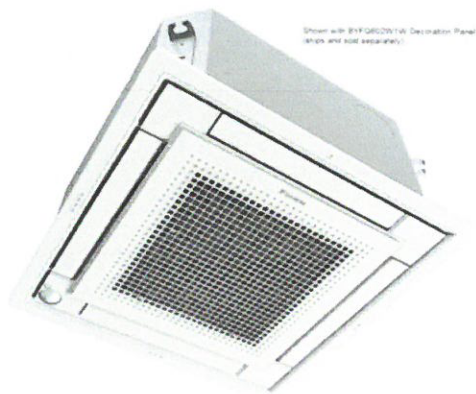
FEATURES

- Intelligent eye occupancy sensor (optional)
- Hot start technology
- Auto-restart (after power failure)
- Weekly Timer (Up to 4 events per day)
- Comfort Airflow
- Quiet operation
- 2,3, or 4-way airflow pattern
- Built-in condensate pump (up to 22")
- Fresh air intake knockout
- Individual Flap Control

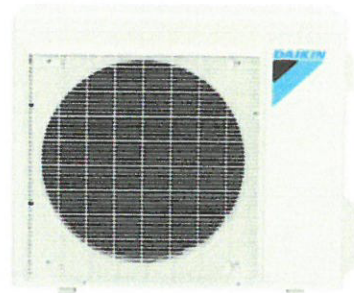
BENEFITS

- 12 year limited parts and compressor warranty with online registration
- 5 year limited parts warranty for commercial applications
- Optional Sensor Panel (Occupancy Sensor, Comfort Airflow, Floor Sensor) BRYQ60A2(W/S)

INDOOR UNIT



OUTDOOR UNIT





Submittal Data Sheet

VISTA 1.25 Ton 2 X 2 Ceiling Cassette System - FFQ15Q2VJURX15RMVJU

Project: Bobby Thermal Mech, WWTP

Submitted by: Erin Crow of DXS OF CENTRAL TEXAS on 2/2/2021

Submitted to: No Engineer Name Specified

SYSTEM PERFORMANCE

Indoor Unit Model No.	FFQ15Q2VJU	Indoor Unit Name:	VISTA 1.25 Ton 2 X 2 Ceiling Cassette
Outdoor Unit Model No.	RX15RMVJU	Outdoor Unit Name:	Up to 20.7 SEER, Heat Pump, Ductless ODU, 1-1/4 Ton
Rated Cooling Capacity (Btu/hr):	14,400	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):		Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	16,200 / 5,100	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	1.150	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	20.70 /	HSPF (Non-Ducted/Ducted):	11.0 /
EER (Non-Ducted/Ducted):	12.50 /	Heating COP (Non-Ducted/Ducted):	3.9 /
Rated Heating Capacity (Btu/hr):	16,200		
Max/Min Heating Capacity (Btu/hr):	16,300 / 5,200		
Heating Input Power (kW):	1.24		

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	50 - 115
Holding Refrigerant Charge (lbs):	2.49	Heating Operation Range (°F WB):	5 - 65
Additional Charge (lb/ft):	0.21	Max. Pipe Length (Vertical) (ft):	66
Pre-charge Piping (Length) (ft):	33	Cooling Range w/Baffle (°F DB):	-4 - 115
Max. Pipe Length (Total) (ft):	99	Heating Range w/Baffle (°F WB):	5 - 65
Max Height Separation (Ind to Ind ft):	0		

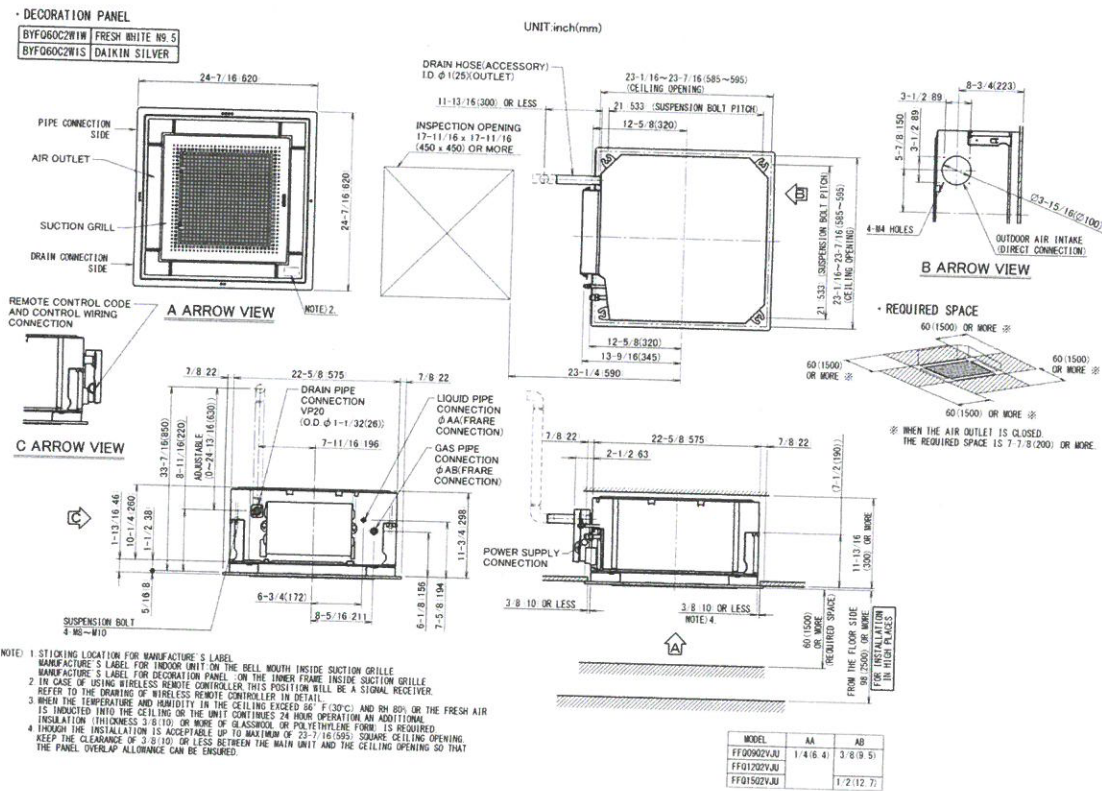


Submittal Data Sheet

VISTA 1.25 Ton 2 X 2 Ceiling Cassette System - FFQ15Q2VJURX15RMVJU
 Project: Bobby Thermal Mech, WWTP
 Submitted by: Erin Crow of DXS OF CENTRAL TEXAS on 2/2/2021
 Submitted to: No Engineer Name Specified

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	420/367/293
Power Supply Connections:	See Outdoor Unit for Electrical Specs	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):		Gas Pipe Connection (inch):	1/2
Max Overcurrent Protection (MOP) (A):		Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	10-1/4 x 22-5/8 x 22-5/8	Condensate Connection (inch):	1-1/32
Net Weight (lb):	36	Sound Pressure (H/M/L) (dBA):	40/37/31
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT



Daikin City Generated Submittal Data

Daikin North America LLC, 19001 Kermier Rd, Waller, TX 77484

www.daikinac.com www.daikincomfort.com

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Submittal Date: 2/2/2021 10:44:01 AM



Submittal Data Sheet

VISTA 1.25 Ton 2 X 2 Ceiling Cassette System - FFQ15Q2VJURX15RMVJU

Project: Bobby Thermal Mech, WWTP

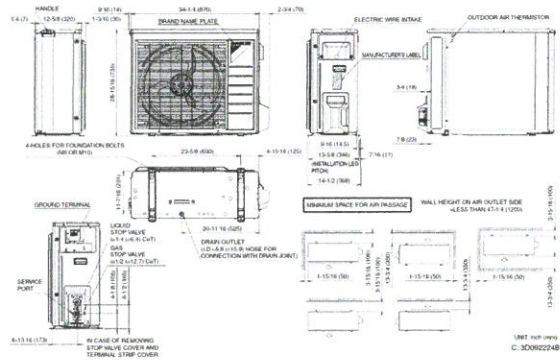
Submitted by: Erin Crow of DXS OF CENTRAL TEXAS on 2/2/2021

Submitted to: No Engineer Name Specified

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	9.7	Airflow Rate (H) (CFM):	2313
Max Overcurrent Protection (MOP) (A):	15	Gas Pipe Connection (inch):	1/2
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):		Sound Pressure (H) (dBA):	50
Dimensions (HxWxD) (in):	28-15/16 x 34-1/4 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	97		

DIMENSIONAL DRAWING - OUTDOOR UNIT





Submittal Data Sheet

BRC1E73 – Navigation Remote Controller

Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	

MODEL COMPATIBILITY:

Compatible with VRV and VRV Life™ indoor unit models: FXAQ, FXDQ, FXEQ, FXFQ, FXHQ, FXLQ, FXMQ, FXMQ_MF, FXNQ, FXSQ, FXTQ, FXUQ, FXZQ, VAM, CXTQ

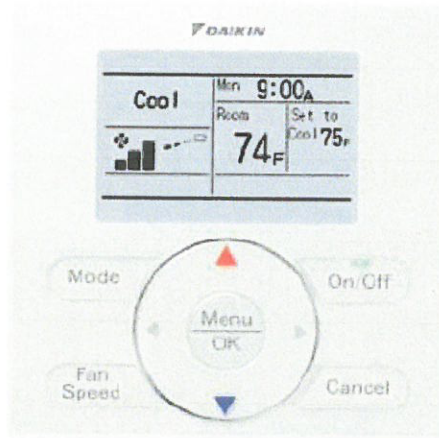
Compatible with SkyAir indoor unit models: FAQ, FBQ, FCQ, FHQ, FTQ

Compatible with Single and Multi-zone system indoor unit model: FFQ, FDMQ

SPECIFICATIONS:

Model	BRC1E73
Description	Navigation Remote Controller
Maximum Connections	16 indoor units
Communication Wire	18AWG-2, No polarity Stranded, Non-shielded
Total Wiring Length	1,640 ft. (500 m)
Communication Protocol	Daikin proprietary P1P2 protocol
Power	16VDC supplied by indoor unit (1.58VA maximum)
Comfort Setpoint Range	60 to 90 °F (16 to 32 °C)
Setback Setpoint Range	40 to 95 °F (5 to 35°C)
Operating Temp Range	14 to 122°F (-10 to 50°C)
Operating Humidity Range	75% or less (RH) (without condensation)
Dimensions (WxHxD)	4.72x4.72x0.75 inch (120x120x19 mm)
Weight (Mass)	0.42 lbs. (0.19 kg)

PRODUCT IMAGE:



Notes:
 (1) 1 of 3 display options – Detailed display shown

FEATURES:

1. Up to 16 indoor units are controllable within one group
2. Within one group, up to 2 Navigation Remote Controllers can be used, one as a main and one as a sub
3. Backlit LCD displays in English, Spanish or French
4. Temperature sensor built-in with configurable offset
5. Display of Temperature and Setpoint in 1°F / °C increments
6. Three configurable display options: Detailed, Standard and Simple
7. Dual setpoints (independent cooling and heating setpoints) with configurable minimum setpoint differential or Single Setpoint (occupied period)
8. Setpoint range limit for cooling and heating modes

Daikin North America LLC, 5151 San Felipe, Suite 500, Houston TX, 77056

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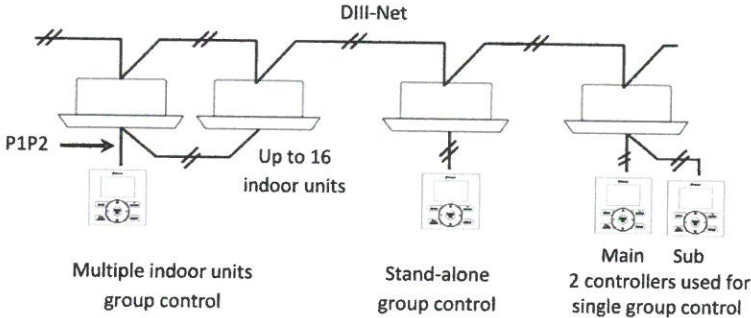
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Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	

9. Independent cooling and heating setback setpoints (unoccupied period)
10. Auto changeover control with configurable primary and secondary changeover dead bands and guard timer
11. Airflow – Individual air flow direction, dual airflow and auto draft prevention (prevents air blowing directly on occupants)*
12. Built-in 7 days, weekdays+weekend, weekdays+Sat+Sun, and Everyday schedules with up to 5 actions per day with independent cooling and heating or setback setpoints
13. Automatic Setback by occupancy sensor*
14. Automatic Off by occupancy sensor*
15. Configuration for Self-cleaning filter panel**
16. Automatic adjustment for Daylight Savings Time (DST)
17. 48 hour clock/calendar battery backup (protects schedule timing in cases of short term power loss from indoor unit)
18. Real-time monitoring of system malfunctions with immediate display of unit in error and error code
19. The buttons on the remote controller are selectable by locking out the unwanted buttons
20. The operation modes can be restricted to provide only the desired mode(s) of operation
21. Display can be configured to show "Off" and room temperature only when indoor unit is turned off
22. To prevent unwanted changes, fan speed selection and display may be hidden
23. Auto off timer configurable in 10 minute increments (range 30-180 minutes)
24. Can be used to replace earlier versions of remote controllers

* Available for FXFQ_TVJU, FXUQ_PVJU, and FXZQ_TA indoor units
 **Available for FXFQ_TVJU indoor units

SYSTEM DIAGRAM:



FACE DECAL OPTIONS:

- Face decal options are used to hide unnecessary buttons:
1. The face decal is designed to adhere to the faceplate
 2. Hidden buttons can be accessed by service personnel without removing the face decal due to its flexibility

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Submittal Data Sheet

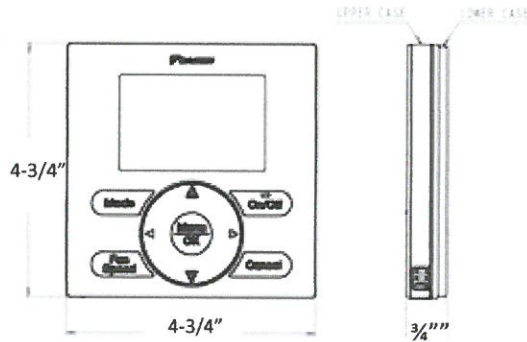
BRC1E73 – Navigation Remote Controller

Project Name: _____	Approval: _____
Location: _____	Date: _____
Engineer: _____	Construction: _____
Submitted to: _____	Unit #: _____
Submitted by: _____	Drawing #: _____
Reference: _____	



Used with	Single Setpoint mode			Dual Setpoint mode		
	BRC1E72RM	BRC1E72RF	BRC1E72RMF	BRC1E72RM2	BRC1E72RF2	BRC1E72RMF2
Model						
On/Off	X	X	X	X	X	X
Mode	X		X	X		X
Fan		X	X		X	X
Up, Down	X	X	X	X	X	X
Left, Right				X	X	X
Menu/Ok						
Cancel						

DIMENSIONS:



DOCUMENTATION:

Documentation available on www.daikincity.com and/or www.daikinac.com:

- Installation Manual
- Operation Manual

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Submittal Data Sheet
BRC1E73 – Navigation Remote Controller

Project Name:	_____	Approval:	_____
Location:	_____	Date:	_____
Engineer:	_____	Construction:	_____
Submitted to:	_____	Unit #:	_____
Submitted by:	_____	Drawing #:	_____
Reference:	_____		

- Submittal
- Guide Specifications
- Quick User Guide
- Field Setting Table

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Si-30

mini condensate removal pump

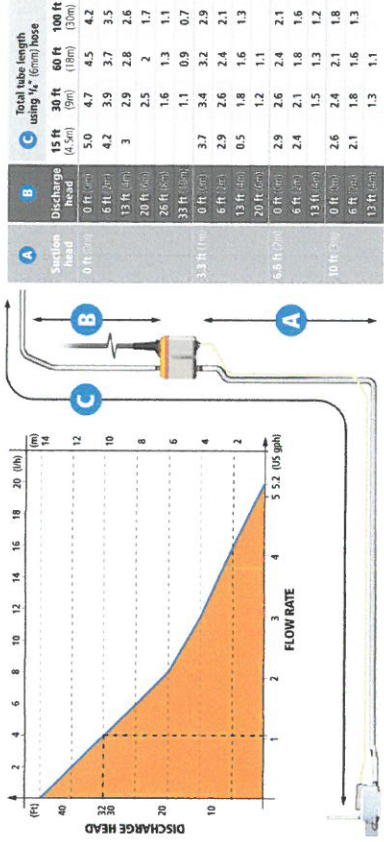
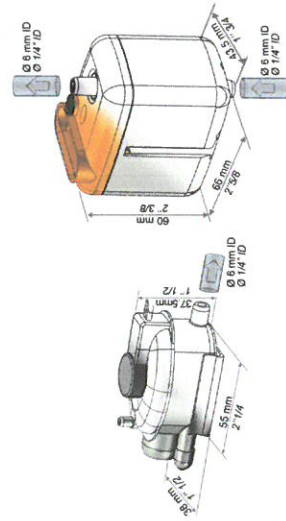


N006_00 édition 14/40

www.sauermannpumps.us

Manufactured to **DAIKIN** specification

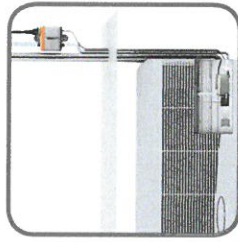
- > Engineered in partnership
- > Best-in-class reliability, manufactured specifically for condensate removal
- > Patented 5 gph pump technology
- > Specific wiring schematic for Daikin models (see reverse page)
- > Complete with Drain Safe Device



ONE PUMP

One pump suitable for ALL Daikin models from 0 to 42 kBtu/hr (12.5 kW – 3.5 tons*)

- 5 gph
 - High capacity, less run time = RELIABILITY
- * The indicated 3.5 ton rating applies to approved Daikin models. The performance rating of the Si-30 pump allows for use on units up to 5.6 tons



SILENT OPERATION

- High performance with low operating sound levels
- Flexible & Easy to install and maintain
- Ideal for Bedroom use



COMPLETE INSTALLATION KIT INCLUDED

Everything you need for a complete installation

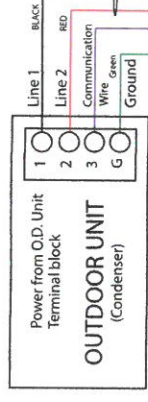
- Unique self sealing discharge fitting included
 - Drain Safe Device
- Combines mechanical and gravity drain
Allows condensates to clear efficiently, keeping the pump primed at all times.



DACA-CP3-1

(230 V) Mini & Multi-Split, SKYAIR & QUATERNITY INDOOR UNITS

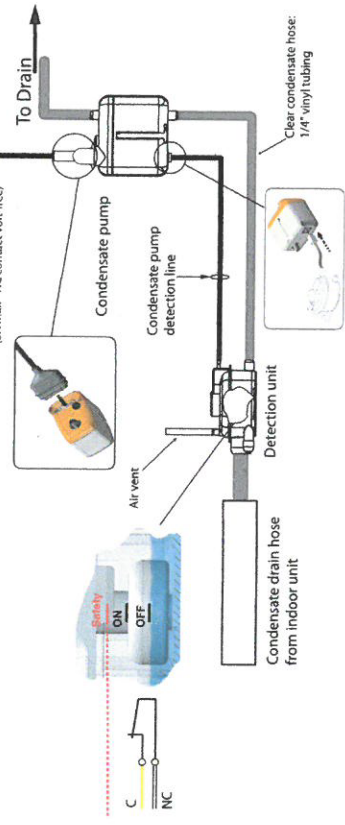
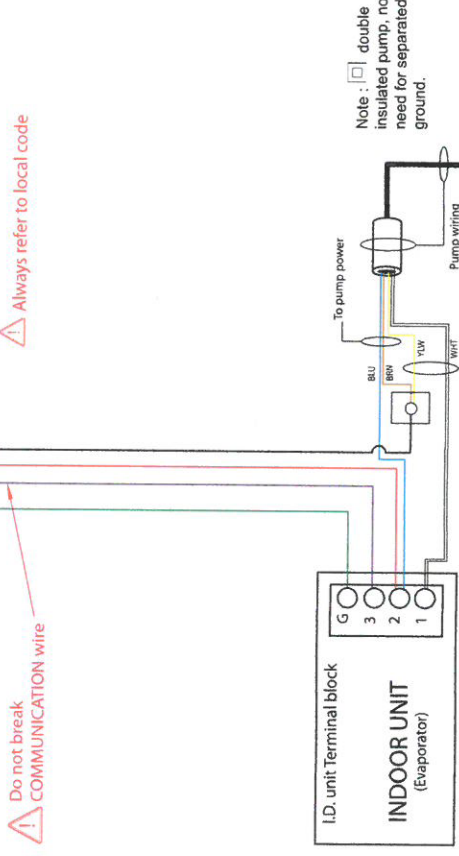
Models: (FTXS09, 12, 15, 18, 24, 30, 36 LVJU) (FTXN09, 12 KEVJU) (FTXN15, 18, 24 KVJU) (FTXG09, 12, 15 HVJU) (CTXS07 HVJU) (CTXS07 LVJU) (CTXS09, 12 HVJU) (FDXS09, 12 DVJU) (FDXS09, 12 LVJU) (CDXS15, 18 LVJU)
SkyAir: FTXS30, 36 LVJU



208 - 230 VAC

⚠ Check if voltage is correct
⚠ Always refer to local code

⚠ Do not break COMMUNICATION wire



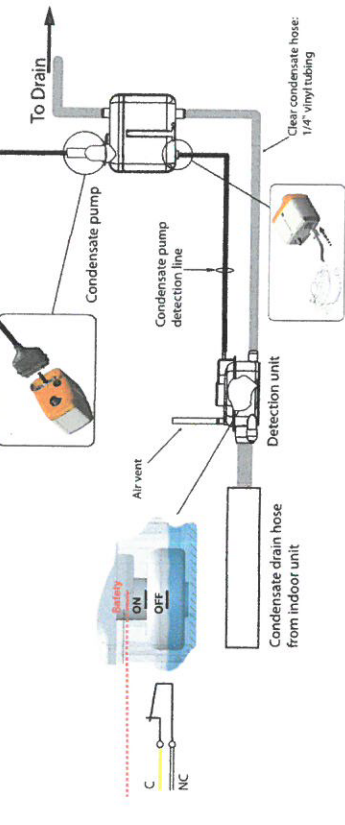
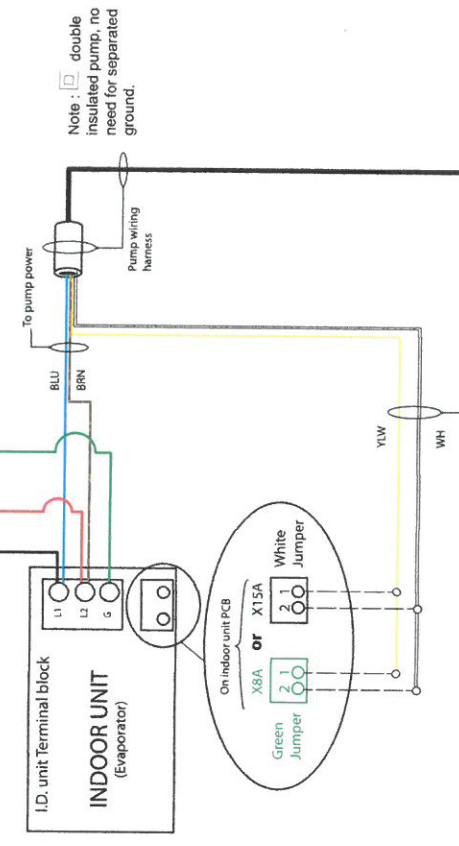
DACA-CP3-1

(230V) VRV & SKYAIR SERIES INDOOR UNITS

Models with GREEN jumper: SkyAir: (FHO18, 24, 30 PVJU) (FHO36, 42 MVJU) VRV: (FXHQ12, 24, 36 MVJU) (FXLQ12, 18, 24 MVJU) (FXNQ12, 18, 24 MVJU)

(230V) VRV & SKYAIR SERIES IN

Models with WHITE jumper: SkyAir: (FAQ18, 24 PVJU) VRV: (FXAQ07, 09, 12, 18, 24 PVJU)



Wiring instructions

Si-30

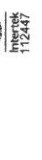


Intertek 112447



Wiring instructions

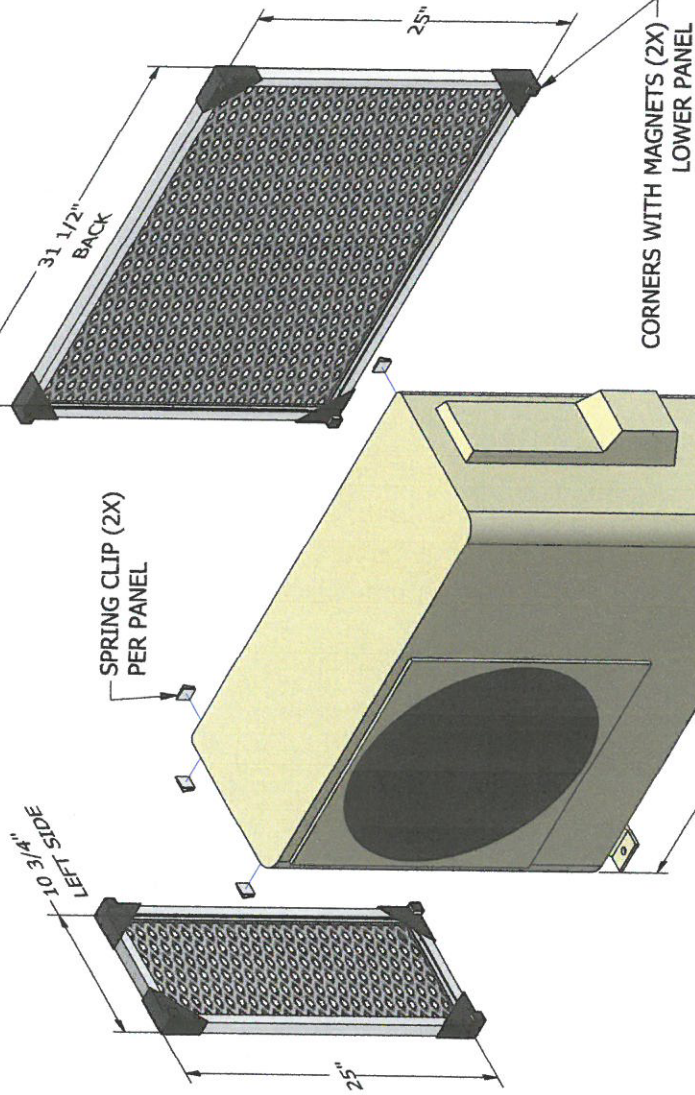
Si-30



Intertek 112447

10 3/4"
LEFT SIDE

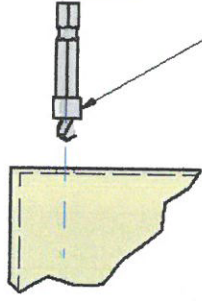
SPRING CLIP (2X)
PER PANEL



NOTE:
DO NOT ATTACH WITH SCREWS.
USE ONLY SPRING CLIPS (UPPER)
AND CORNERS WITH MAGNETS
(LOWER) AS DESCRIBED

SET SIZE: MD

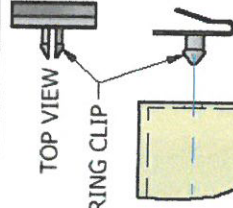
- A complete set of Gards for a VRF unit includes several "panels".
- Mark where the SPRING CLIPS need to be placed at top of VRF unit, drill 5.5mm holes.
- Each Panel already has the magnets attached to Lower Corners.



5.5mm DRILL BIT WITH
COLLAR SUPPLIED

1

DRILL 5.5mm HOLE (2X) PER GUARD THRU VRV-PANEL
MEASURED BETWEEN CORNERS



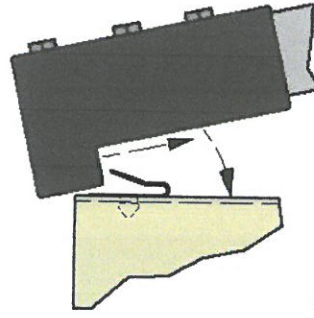
TOP VIEW
SPRING CLIP

LIP MUST
GO THRU HOLE
TO SECURE

SIDE VIEW

2

INSERT SPRING CLIP INTO THE 5.5mm HOLES
SPRING CLIP WILL PINCH TO GET THROUGH THE HOLE



SEATED

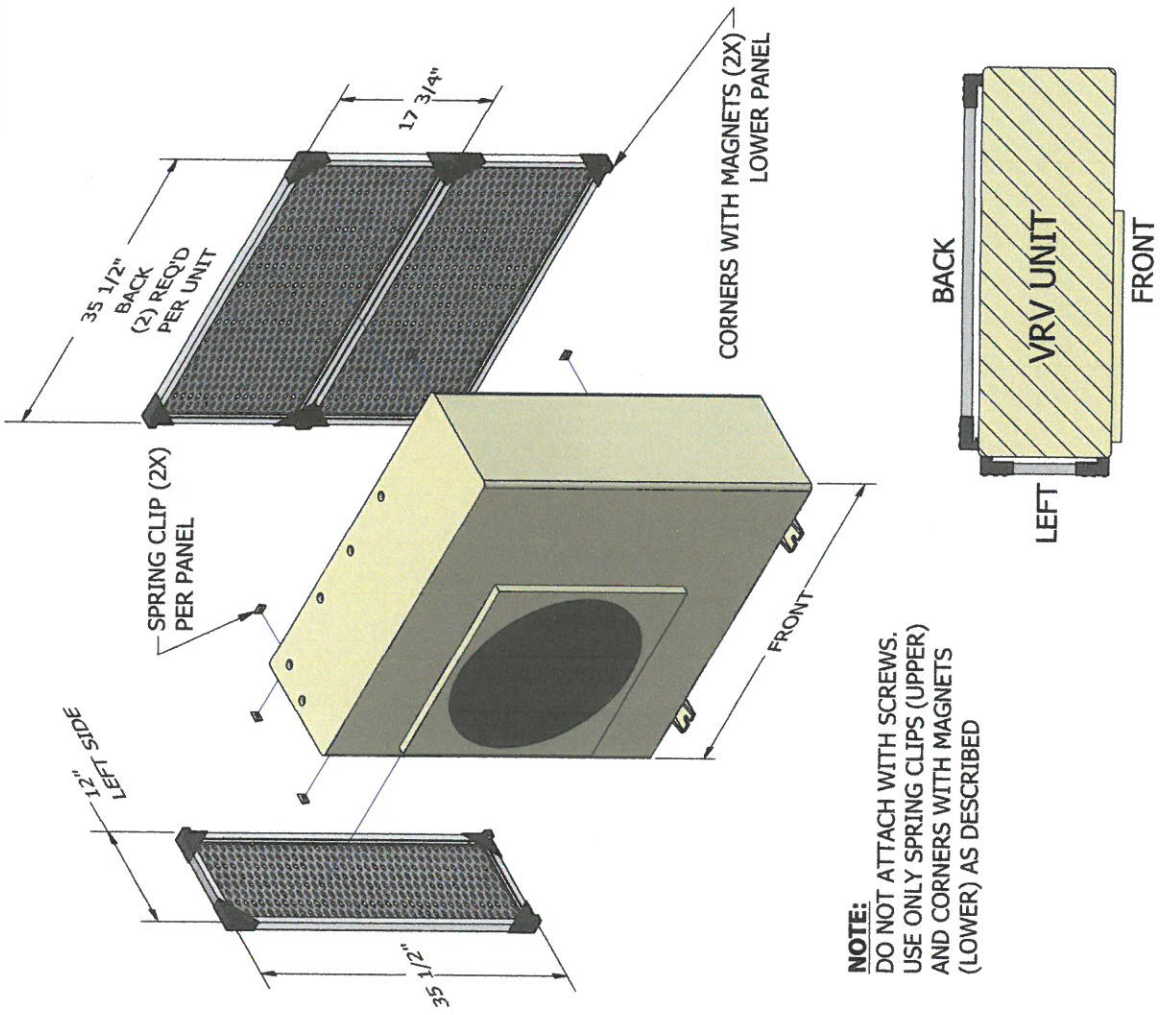
3

PLACE OPEN CORNERS INTO SPRING
CLIPS. THE MAGNET CORNERS WILL
CONNECT LOWER PANEL TO VRV.

DAIKIN VRV
OUTDOOR UNIT
MINI SPLIT

AlumaGard & WireGard

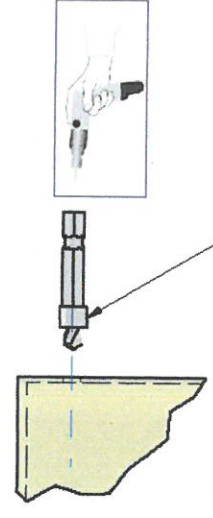
HARDGARD



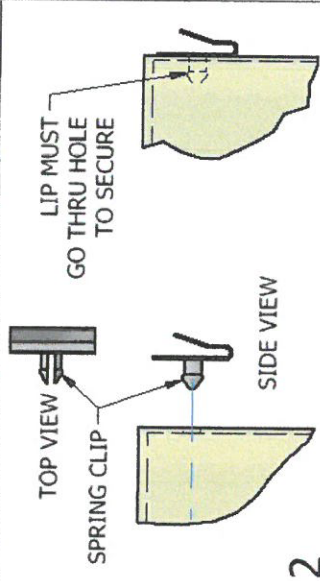
NOTE:
 DO NOT ATTACH WITH SCREWS.
 USE ONLY SPRING CLIPS (UPPER)
 AND CORNERS WITH MAGNETS
 (LOWER) AS DESCRIBED

SET SIZE: MH

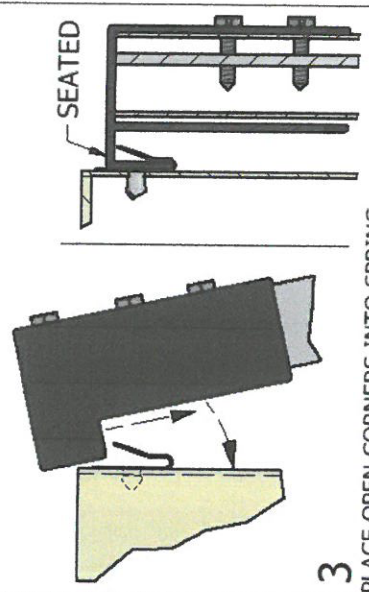
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1
 5.5mm DRILL BIT WITH COLLAR SUPPLIED
 DRILL 5.5mm HOLE (2X) PER GUARD THRU VRV-PANEL MEASURED BETWEEN CORNERS



2
 INSERT SPRING CLIP INTO THE 5.5mm HOLES
 SPRING CLIP WILL PINCH TO GET THROUGH THE HOLE



3
 PLACE OPEN CORNERS INTO SPRING CLIPS. THE MAGNET CORNERS WILL CONNECT LOWER PANEL TO VRV.

DAIKIN VRV
 OUTDOOR UNIT
 MINI SPLIT

AlumaGard & WireGard

HARIGARD