

#### Quality People. Building Solutions.

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

Date: 11/28/2023 Return Request: 12/5/2023 Project: MAC Building – 4<sup>th</sup> Floor Supplier: Harrison Energy Partners Manufacturer: Daikin Submittal: Modular Indoor Central Station AHUs Submittal Number: 23 73 13-01 Drawing # and Installation: Mechanical Drawings

#### **ARCHITECT**

Stocks Mann 401 W. Capitol, Suite 402 Little Rock, AR 72201 501-370-9207

#### **GENERAL CONTRACTOR**

Carson & Associates 1310 W. Daisy Bates Dr. Little Rock, AR 72202 501-372-5816

Notes:

#### ENGINEER

Insight 322 S. State Street, Suite 201 Litle Rock, AR 72201 501-237-3077

#### **MECHANICAL SUBCONTRACTOR**

Comfort Systems USA (Arkansas), Inc. 9924 Landers Rd. N. Little Rock, AR 72117 501-834-3320

chowell@comfortar.com

### Submittal



**Prepared For:** Insight Engineering

Date: November 2nd, 2023

Sold To: Comfort Systems USA Job Name: MAC Building 4<sup>th</sup> Floor

Harrison Energy Partners is pleased to provide the enclosed submittal for your review and approval.

Qty.	Product Summary	
1	Air Handling Unit (AH-4A)	
<b>Brynn</b> m. 501	<b>Lea</b> , New Systems Sales Engineer .539.0515	The attached information describes the equipment we propose to furnish for this project, and is submitted for your approval.
<u>harriso</u>	nenergy.com	

Tag	Description	Model
AH-4A	Indoor Air Handling Unit	Daikin CAH035GDGM

- Daikin Vision Air Handler
- 2" Double-wall, Foam Injected R-13 Construction
- 460/3 V/Ph
- Return Plenum (RP)
  - RP Access Door with Window
  - LED Marine Light Kit
- Flat Filter Rack

•

- o 2" MERV 8 Filters
- Filter Access Door
- Hydronic Cooling Coil (CC)
  - o CC Galvanized Steel Casing
  - CC Stainless Steel Drain Pan
  - CC Access Door with Window
  - CC LED Marine Light Kit w/ Switch
  - o GFI Outlet
  - o UVC Lights with Door Safety Switch
  - Dual Direct-Drive Plenum SF
  - 460/3 V/Ph SF
    - SF 2" Spring Isolators
    - Fan Motors Wired to External J-Box
- Discharge Plenum (DP)
  - DP Access Door with Window
  - CC LED Marine Light Kit w/ GFI Outlet

Job Information		Technical Data Sheet
Job Name	MAC Building 4th Floor	
Date	November 02 2023	
Submitted By	JS	
Software Version	13.23	
Unit Tag	AH-4A	



Unit Overview									
	Supply								
Model Number	Air Volume	Static P	ressure	External Dimensions					
Model Number	cfm	External	Total	Height	Width	Length			
		inWc	inWc	in	in	in			
CAH035GDGM	15000	2.00	3.47	66*	100*	148			

\*Not including base rails, coil connectors, drain connectors and control boxes.

Unit			
Model Number:	CAH035GDGM		
Approval:	ETL Listed / ETL Listed to Canadi	an Safety Standards (ETL Label / E	ETLc Label)
Outer Panel:	24 gauge G90 Galvanized Steel	(unpainted)	
Liner:	24 gauge Galvanized Steel (unle	ss noted per section)	
Insulation:	R-13 Injected Foam		
Unit Configuration:	Inline horizontal	Drive (Handling) Location:	Right
Base:	10" formed channel	Wall Thickness:	2 in
Altitude:	0 ft	Parts Warranty:	Standard One Year

Plenum Section	Component: 1	Length: 22 in	S	Shipping Section: 1	
		Air Pressure Drop			
		0.13 inWc			
		Custom Openings			
Custom Opening	Location	Width	Height	Rainhood w/Screen	
1	End	50 in	30 in	None	
		Door			
Location	Width	Opening	Window Type	Light	
Drive side	14 in	Outward	Round	LED marine light kit and switch only	

Panel Filter Component				Length: 12 in		Shipping Section:	1
Туре	Effici	ency	Face Velocity	Face Area	Air Vo	olume	Filter Loading
Pleated	MER	RV 8	395 ft/min	38.0 ft²	1500	0 cfm	Side
	Air Press	ure Drop		Number of Filters	Height	Width	Depth
Clean Air	Mean Air	Dirty Air	User Spec				
0.17 inWc	0.17 inWc 0.58 inWc 1.00 inV		Nc N/A 1.		20 in	24 in	2 in
			Do	or			
	Location		Wi	idth Opening			
I	Drive side		8	in	Outward		

Chilled W	ater Co	il		Compon	ent: 3			Length:	42 in			Shippi	ng Section	2	
Coil Mod	el	Total Capa	ity	Sensible	Capacity	Numbe	r of Coils	Numbe	r of Row	s Fins per	Inch	Tube	Diameter		Tube Spacing (Face x Row)
5WL100	6B (	6 <b>12045</b> Bt	u/hr	42188	6 Btu/hr		2		6	10		0.	625 in	1.5	50 in x 1.299 in
Air Volume	•		A	Air Tempe	rature			Coil	Air	Finned	Fin	ned	Face A	rea	Face
		Enteri	ng			Leaving		Press	ure	Height	Len	gth			Velocity
15000 cfm	1 80	).0 °F	67.0	Bulb )°F	54.3 °F	<b>w</b>	et Bulb 3.7 °F	0.65	nWc	27 in	87	' in	32.62	ft²	460 ft/min
	Wa	iter			Flow Rat	e	Pressu	re Drop		Velocity		Volum	ne		Weight
Enterii	ng	Lea	ving												
43.0	°F	57.	3 °F		85.80 gp	m	9.10	) ftHd		3.40 ft/s		26.0 g	jal		219.00 lb
_		C	onnect	ion [Data	Per Coil]				Mi	n. Fin Surface	M	lin. Tube	Wall	Fo	ouling Factor
Throos	404 \$	SI	ze		Location	1	Ma	terial		1emp.	3		emp.		0.000
meac	lea	2.0	iu in		Drive sid	Je	Carbo	nsteer		43.0°F	D. I	43.0	°F		0.000
Fi	in		Tuk	l' ne	viateriai	Heade	r		Case		Drair	1 Pan		D	rain Side
Aluminun	n 0075	in Co	opper	020 in		Coppe	r	G	alv ste	el	Stainle	ss stee	1	Dr	ive side
, lamina	11.0070		ppor	1020 111		ooppe	 AHRI 410 (	Certificatio	un	01	otunno	55 5100	•	DI	
ALPR CERT WWW a Write Aref Standard 410	TIFIED we derectory.org	Certified which	in acc is base St	cordanc ed on A andard	e with th HRI Stanc Certified	e AHRI dard 410 d units i	Forced-( ) within may be f	Circulation the Ran Tound in	on Air-C ge of St the AH	Cooling and andard Rat RI Directory	Air-Hea ing Con / at ww	ating Co ditions w.ahrio	oils Certi i listed in directory	ficati Tab v.org	on Program le 1 of the
							D	oor							
Lo	ocation			Widt	h		Ope	ening		Windo	ow Type			Li	ght
Dri	ve side			22 ii	า		Out	ward		Ro	und			UVC Lights	
Supply Fa	n			Compon	ent∙ 4			Length	44 in			Shinnii	na Section	3	
cappijia							Fan Per	formance							
Air Volume*		Static Pres	sure		Fan Energy	Total In	put Fan	Shaft	Sp	eed	Redu	ndancy(I	N-1)	F	an Circuit
Volume	External	Total	C	abinet	index(i Ei)	1000	.1 10	0	perating	Maximum				MOF	P MCA
7500 cfm	2.00 inW	c 3.47 inV	Vc 0.0	00 inWc	1.23	11.0	w 6.0	3 BHP 1	743 rpm	2403 rpm	-	75.3 %		30.0	a 22.1 a
					Fan Data										
Fan Type	Bla	ade Type /	Nom				Fan	Data							
Centrifuga	al_ Δ	Class	NOM	iinal Fan S	iize Quanti	ty of Fan	Fan s Wheel I	Data Diameter	Materi	al Type 🛛 🛚	lumber o Blades	f	Discharge		Motor Location
TICHUIH	л- л	Class irfoil / 2		iinal Fan S DDPL22	iize Quanti	ty of Fan	Fan s Wheel I 22.	Data Diameter 25 in	Materi Alum	al Type M	lumber o Blades 9	f	Discharge Axial		Motor Location Behind Fan
rienum	ш- <u>л</u>	Class irfoil / 2		iinal Fan S DDPL22	iize Quanti	ty of Fan	Fan s Wheel I 22. Moto	Data Diameter 25 in or Data	Materi Alum	al Type M	lumber o Blades 9	f	Discharge Axial	:	Motor Location Behind Fan
Power	Ele	Class irfoil / 2 ctrical upply	Spe	iinal Fan S DDPL22 ed	iize Quanti Efficiency	ty of Fan 2 En	Fan s Wheel I 22. Moto closure	Data Diameter 25 in or Data Frame	Materi Alum Size	al Type N iinum Supplier	lumber o Blades 9 Numl Po	f Der of les	Discharge Axial Lock Rc Currer	otor it*	Motor Location Behind Fan Full Load Current*
Power 7.5 HP	Ele Su 460 V/Hz	Class irfoil / 2 ctrical upply /60/3 t/Phase	коп [ <b>Spe</b> 1750	ed Prpm	iize Quanti Efficiency Premium	ty of Fan 2 En	Fan s Wheel I 22. Moto closure	Data Diameter 25 in r Data Frame 213 T f	Materi Alum Size	al Type N iinum Supplier Generic	lumber o Blades 9 Numl Po	f ber of les 1	Discharge Axial Lock Rc Currer 70.56	tor it* A	Motor Location Behind Fan Full Load Current* 9.80 A
Power 7.5 нр	Ele Su 460 V/Hz	Class irfoil / 2 ctrical ipply /60/3 t/Phase	кон [ <b>Spe</b> 1750	ed	iize Quanti Efficiency Premium	ty of Fan 2 En	Fan C	Data Diameter 25 in r Data Frame 213 T f	Materi Alum Size irame	al Type N iinum Supplier Generic	lumber o Blades 9 Numt Po	f oer of les 1	Discharge Axial Lock Rc Currer 70.56	otor it* o A	Motor Location Behind Fan Full Load Current* 9.80 A
Power 7.5 HP	Elea Su 460 V/Hz	Class irfoil / 2 ctrical ipply /60/3 t/Phase Block Off P	Sper 1750	ed Yes	iize Quanti Efficiency Premium	ty of Fan 2 En	Fan C	Data Diameter 25 in r Data Frame 213 T f	Materi Alum Size Trame	al Type N iinum Supplier Generic Piezomete	lumber o Blades 9 Numt Po 2	f ber of les 4 Provi	Discharge Axial Lock Rc Currer 70.56	otor ht* A )rive	Motor Location Behind Fan Full Load Current* 9.80 A Side Fan
Power 7.5 HP	Elea Su 460 V/Hz Piez	Class irfoil / 2 ctrical upply /60/3 :/Phase Block Off P ometer Del	Spen 1750 late: ta P:	ed Prpm Yes 8.04	iize Quanti Efficiency Premium	ty of Fan 2 En	Fan C	Data Diameter 25 in r Data Frame 213 T f ptions	Materi Alum Size Trame	al Type N iinum Supplier Generic Piezomete Shaft Ground	Jumber o Blades 9 Numt Po 2 er Ring: ling Kit:	f ber of les 4 Provi Provi	Discharge Axial Lock Rc Currer 70.56 ded on E ded	tor tt* ) A )rive	Motor Location Behind Fan Full Load Current* 9.80 A Side Fan
Power 7.5 HP	Elea Su 460 V/Hz Piez	Class irfoil / 2 ctrical upply /60/3 t/Phase Block Off P ometer Del Isolator T	Sper 1750 late: ta P: ype:	ed Prpm Yes 8.04 Spring	iize Quanti Efficiency Premium	ty of Fan 2 En	Fan C	Data Diameter 25 in r Data Frame 213 T f	Materi Alum Size	al Type N iinum Supplier Generic Piezomete Shaft Ground	Jumber o Blades 9 Numt Po 2 er Ring: ling Kit:	f ber of les 4 Provi Provi	Discharge Axial Lock Ro Currer 70.56 ded on E ded	tor tt* ) A Drive	Motor Location Behind Fan Full Load Current* 9.80 A Side Fan
Power 7.5 HP	Elec Su 460 V/Hz Piez	Class irfoil / 2 ctrical ipply /60/3 /Phase Block Off P ometer Del Isolator T	Spec 1750 late: ta P: ype:	ed Yes 8.04 Spring	iize Quanti Efficiency Premium	ty of Fan 2 En	Fan C S Wheel I 22. Moto Closure ODP Fan C	Data Diameter 25 in r Data 213 T f Iptions	Materi Alum Size irame	al Type N iinum Supplier Generic Piezomete Shaft Ground	lumber o Blades 9 Numt Po 2 er Ring: ling Kit:	f ber of les 4 Provi Provi	Discharge Axial Lock Rc Currer 70.56 ded on E ded	tor tt* A Drive	Motor Location Behind Fan Full Load Current* 9.80 A Side Fan
Power 7.5 HP	Elea Su 460 V/Hz Piez	Class irfoil / 2 ctrical upply /60/3 :/Phase Block Off P ometer Del Isolator T	Sper 1750 late: ta P: ype:	ed Prpm Yes 8.04 Spring Extern	iize Quanti Efficiency Premium	ty of Fan 2 En 1	Fan C	Data Diameter 25 in r Data 213 T f ptions	Materi Alum Size irame	al Type N iinum Supplier Generic Piezomete Shaft Ground	Jumber o Blades 9 Numt Po 2 er Ring: ling Kit: /endor:	f ber of les 4 Provi Provi	Discharge Axial Lock Ro Currer 70.56 ded on E ded	ttor tt* ) A )rive	Motor Location Behind Fan Full Load Current* 9.80 A Side Fan
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Power 7.5 HP	Elea Su 460 V/Hz Piez	Class irfoil / 2 ctrical upply /60/3 c/Phase Block Off P ometer Del Isolator T Selection T Volt	Sper 1750 late: ta P: ype: age: ting:	ed Prpm Yes 8.04 Spring Extern 460 v Door S	iize Quanti Efficiency Premium al J-Box ide	ty of Fan 2 En VFD	Fan C	Data Diameter 25 in r Data 213 T f Disconnect	Materi Alum Size Trame	al Type N iinum Supplier Generic Piezomete Shaft Ground N ight x Width x Enc	Jumber o Blades 9 Numt Po 2 er Ring: ling Kit: /endor: Depth: closure:	f ber of les 4 Provi Facto 6.00 i NEM	Discharge Axial Lock Ro Currer 70.56 ded on E ded ory Stand n x 6.00 A 1	tor tt* A Drive ard n x 4	Motor Location Behind Fan Full Load Current* 9.80 A Side Fan
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Power 7.5 HP	Elec Su 460 V/Hz Piez	Class irfoil / 2 ctrical ipply /60/3 /Phase Block Off P ometer Del Isolator T Selection T Volt Moun Location vable par	Sper 1750 late: ta P: ype: age: ting:	ed Prpm Yes 8.04 Spring Extern 460 v Door S	iize Quanti	ty of Fan 2 En 1	Fan C Starter/E /Starter/E	Data Diameter 25 in r Data 213 T f ptions Disconnect	Materi Alum Size irame	al Type N iinum Supplier Generic Shaft Ground	Jumber o Blades 9 Numt Po 2 er Ring: ling Kit: ling Kit: Depth: closure:	f ber of les 4 Provi Provi Facto 6.00 i NEM	Discharge Axial Lock Ro Currer 70.56 ded on E ded ory Stand n x 6.00 A 1 Opening Outward	tor tt* ) A Drive ard in x 4	Motor Location Behind Fan Full Load Current* 9.80 A Side Fan

\* after a unit label denotes the data for an individual fan.

Plenum Section	Component: 5	Length: 28 in	Shipping Section: 4		
Opening Locat	ion	Opening Size		Air Pressure Drop	
Тор		24.00" x 96.00"		0.11 inWc	
		Door			
Location	Width	Opening	Window Type	Light	
Drive side	20 in	Outward	Round	LED marine light kit with GFI outlet	
Unit Sound Dowor (dR)					

Туре	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Radiated:	75	77	77	68	63	57	46	51
Unit Discharge:	80	77	85	79	79	79	74	66
Unit Return:	76	79	85	79	72	70	62	54

Shipping See	ction Details									
Section	Length	Weight		Corner W	eights (lb)		Center of Gravity (in)			
	in	lb	P1	P2	P3	P4	XX	YY	ZZ	
1	34	854	192	192	235	235	19	50	33	
2	42	1700	571	546	281	307	14	49	36	
3	44	1571	451	446	334	340	19	50	30	
4	28	591	148	148	148	148	14	50	28	
Entire Unit	148	4716	1272	1241	1089	1120	69	49	32	

YY (C) P2

P1

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P3

P4

Air Flow

Plan View

► XX



**Elevation View** 

NOTE: Special components aren't included in the corner weights and center of gravity data. NOTE: Shipping weights listed do not include weight of water (listed in coil section(s) above.

Supply Static Pressure Drop		
Component	Option	Static Pressure Drop
Plenum Section	Plenum Section	0.13 insWg
Panel Filter	Panel Filter	0.58 insWg
Chilled Water coil	Chilled Water coil	0.65 insWg
Supply Fan	Cabinet	
Plenum Section	Plenum Section	0.11 insWg
External Static	External Static	2.00 insWg
Total Supp	ly Fan Static	3.47 insWg





Dimensions provided as a courtesy and are recommended minimums only. Daikin is not responsible for supplying or designing drain pan traps and is not responsible for any damage caused by incorrect trap heights. The dimensions listed above should be reviewed and approved by a licensed plumbing professional.

#### **AHRI** Certification



Certified by the AHRI Central Station Air-Handling Unit (AHU) Certification Program, which is based on AHRI Standard 430/431. AHRI certified units are subject to rigorous and continuous testing, have performance ratings independently measured and are third-party verified. Certified units may be found in the AHRI Directory at www.ahridirectory.org.

#### Notes

#### Standard

1. As a standalone component, unit meets or exceeds requirements of ASHRAE 90.1 - 2007. The approving authority is responsible for compliance of multi - component building systems.

**Daikin AHU Fan Curve** 



Green line = fan curve for 1 fan(s) at max speed

Red line = BHP curve for 1 fan(s) at max power of selected motor

AF 22 DD PLENUM 9BL (100% Width) 1x2 Supply Fan at Standard Conditions											
Air volume	15000	cfm	Fan speed		1743	rpm					
Total static	3.47	insWg	Max speed		2403	rpm					
Fan Shaft Power	12.1	bhp	Efficiency		68.0	%					
Approx VFD Setting	59.8	Hz	Motor Speed		1750	rpm					
Fan Energy Index(FEI)	1.23		Redundancy		75.3	%					
Unit tagging	AH-4A			Date	Novembe	er-02-2023					
Job name	MAC Buildin	g 4th Floor		Time	10:34						
Supply fan performance is certified in accordance with the Central Station											

Air-Handling Unit Certification Program, which is based on AHRI Standard 430.











Shipping Sections										
Section	Weight	(lb)X	Y	Z						
Section 1	854.07	34	100	66						
Section 2	1699.67	42	100	66						
Section 3	1571.28	44	100	66						
Section 4	590.86	28	100	66						
Total Unit	4715.89	148	100	66						

Note: Base rails, curb ready base, coil connectors, drain connectors, and control boxes not included in height X, Y, Z dimensions. Shipping section may be 2" longer in air flow direction due to

DAIKIN

Software Version: 13.25



All opening dimensions have a 1" mounting flange along the inner edge. The actual airflow area of the opening is 2" smaller in each dimension.



Product Drawing	Unit Tag: Al	H-4A		Sales Office:	Harrison Energy Partne	rs	DAIKIN			
Product: Vision Air Handler	Project Name	e: MAC Buildin	g 4th Floor	Sales Engine	er:		<ul> <li>13600 Industrial Park Blvd, Minneapolis, MN 55441</li> <li>www.DaikinApplied.com Software Version: 13.25</li> </ul>			
Model: CAH035GDGM	Nov. 2, 2023	Ver/Rev:	Sheet: 1 of 1	Scale: NTS	Tolerance: +/-0.25"	Dwg Units: in				
All opening dimensions have a 1" mounting flange al	ong the inner edge.	. The actual airflo	ow area of the openir	ıg is 2" smaller ir	n each dimension.					

# Kill the mold. Not your budget.



## Modular Ultraviolet Treatment System

SHEDDING NEW LIGHT ON PREVENTION OF SURFACE MOLD AND BACTERIA

#### Features

- UV-C light kills surface bacteria and mold.
- Continuously emits ultraviolet energy.
- Patent Pending design for ease of installation
- Designed to allow FULL coverage of coil, filter or surface
- UL/C-UL Classified (ABQK)
- UV lamp does not produce ozone.
- Energy efficient
- •Quick and easy lamp replacement and maintenance.

#### Models

- •18" Modular Coil Unit •24" Modular Coil Unit
- •36" Modular Coil Unit

#### Construction

Heavy duty construction, designed to meet UL stringent guidelines for Air Conditioning Equipment air duct mounted.

#### Where to Install

The modular coil units can be combined in any configuration to provide full coverage of the target surface. Installation sights include coils, drain pans, filters, exhaust systems, or anywhere where mold, bacteria and pathogens can breed. Due to the modest power requirements (each unit uses less than \$.12/day), we recommend continuous operation. It is also recommended that the target surface be cleaned prior to installation of the UV equipment. The UVGI Modular Coil Units will then maintain the cleanliness of the coil and drastically reduce the need for mechanical cleaning.

#### Source Control

**Climate for Mold Growth** 

- High humidity levels
- Cool temperatures
- Presence of water

Cooling coils in air conditioning systems provide an ideal environment for the growth of mold.

Filter surfaces are breading grounds for pathogens. Install a UV system to "capture and kill" airborne pathogens and improve IAQ and worker safety.

#### Evidence of Need for Improved IAQ

- People spend 90% of their time indoors.
- Studies by the EPA show that indoor pollutant levels may be 2 to 5 times higher than outdoor levels.
- The EPA has identified indoor air quality as one of the five most urgent environmental risks to public health.
- Today's tighter, better insulated buildings can limit natural ventilation and trap airborne contaminants inside.



28220 Industry Drive, Valencia, California 91355 Toll Free (877)PUREUVC (787-3882 • Fax (661)257-4698 www.uvdi.com

## Ultraviolet Treatment System

#### **SPECIFICATIONS**

**Electrical Ratings:** Power Rating: 120 Vac, 60 Hz.

#### Consumption:

Model	Input Current (A)	Lamp Wattage (W)
18"	0.45	25
24"	0.35	20
36"	0.52	30

#### **Temperature Ratings:**

Temperature Range:  $55^{\circ}F$  to  $135^{\circ}F$ Lamp Temperature Range:  $30^{\circ}$ F to  $104^{\circ}$ F (- $2^{\circ}$ C to  $40^{\circ}$ C).

#### **Relative Humidity:**

Up to 95% rh, non-condensing.





Underwriters Laboratories: File no. E212213. Category Code ABQK (Accessories, Air Duct Mounted) UL Standards: UL153, UL1598 & UL1995. The health aspects associated with the use of this product and its ability to aid in disinfection of environmental air have not been investigated by UL.



#### Maintenance:

Lamp cleaning is recommended as routine maintenance four times a year or every three months.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

#### **UVGI SPECIFICATION WORKSHEET**

Use the chart below to determine the correct combination of UV fixtures for each coil size

Nominal Coil Length (I	NCHES)	48	54	60	66	72	78	84	90	96	102	108	114	120	126
PART NUMBERS	UVGI MODULAR SIZES														
17-1000	18"		1		1		1		1				1		1
17-1010	24"	2		1	2		1	2		1	4		1	2	
17-1020	36"		1	1		2	1	1	2	2		3	2	2	3
ACTUAL LENGTH (INCHES) (INCLUDING CONDUIT J-B	ox)	50.85	56.85	62.85	68.85	74.85	80.85	86.85	92.85	98.85	104.85	110.85	116.85	122.85	128.85
17-4001	96" MOUNTING RAIL NEEDED	1	1	1	1	1		1	1	1	1	1	1	1	1
17-4012	CONDUIT J-BOX	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Note: Coll sizes over 40" High Need Two Pows															



28220 Industry Drive, Valencia, California 91355 Toll Free (877)PUREUVC (787-3882) Fax (661)257-4698 www.uvdi.com

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