ACRD600-601-602 - In Row-RD, Air Cooled

Sheet No.	Component /Detail	Description
1	Drawing Guide	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Drawing guide.
2	Isometric External View	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Isometric External View.
3	General Arrangement	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, General Arrangement.
4	Top & Bottom View	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Top & Bottom View.
5	Anchoring Details	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Anchoring Details.
6-8	Internal View	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Internal View.
9	Drain Line Pump Conn.	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Drain Line Pump Conn.
10	Supply Return Conn.	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Supply Return Conn.
11	User Interface	ACRD600-601-602, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, User Interface.

LEGEND				
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	
	SHUT OFF VALVE		P-Trap	
-151-	HEAD PRESSURE CONTROL VALVE		S-Trap	
	PRESSURE RELIEF VALVE		Inverted Trap	
	CHECK VALVE			

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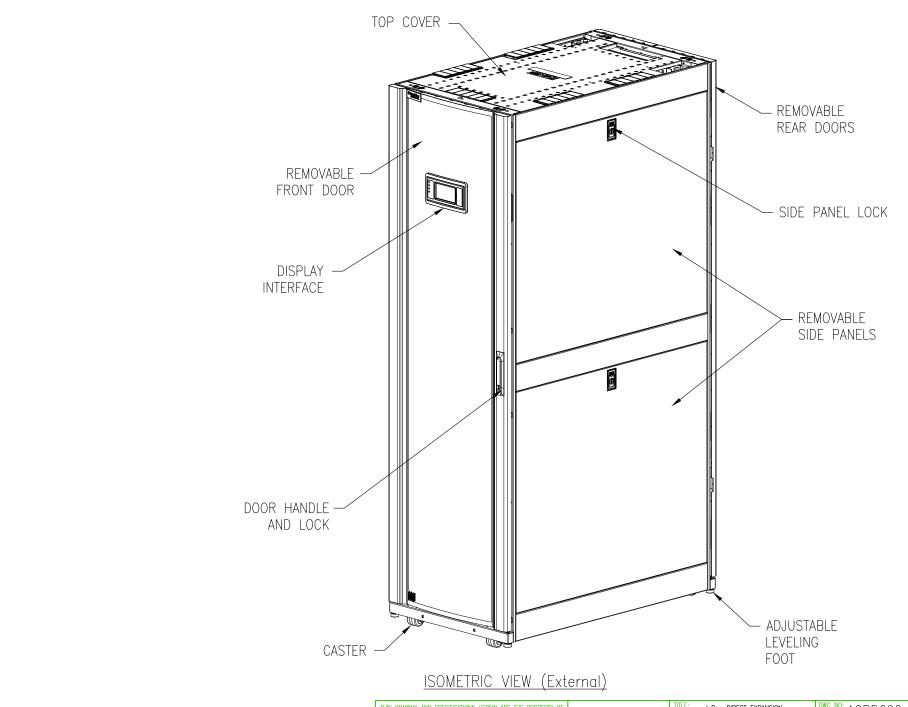


INROW DIRECT EXPANSION INROW RD, 600mm, AIR COOLED	DWG NO: ACRD600-601-602		
	DRAWN:	JAYAPRAKASH	21-MAR-17
DRAWING GUIDE	ENGINEER:	XUXIANG ZHANG	21-MAR-17
PROJECT: DRAWINGS SHEET 1 OF 11	APPROVED: N	SCHWEISSGUTH/H YANG	21-MAR-17

21-MAR-17 ANGLE

21-MAR-17 PROJECTION:

21-MAR-17 N/A



NOTES:

1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL

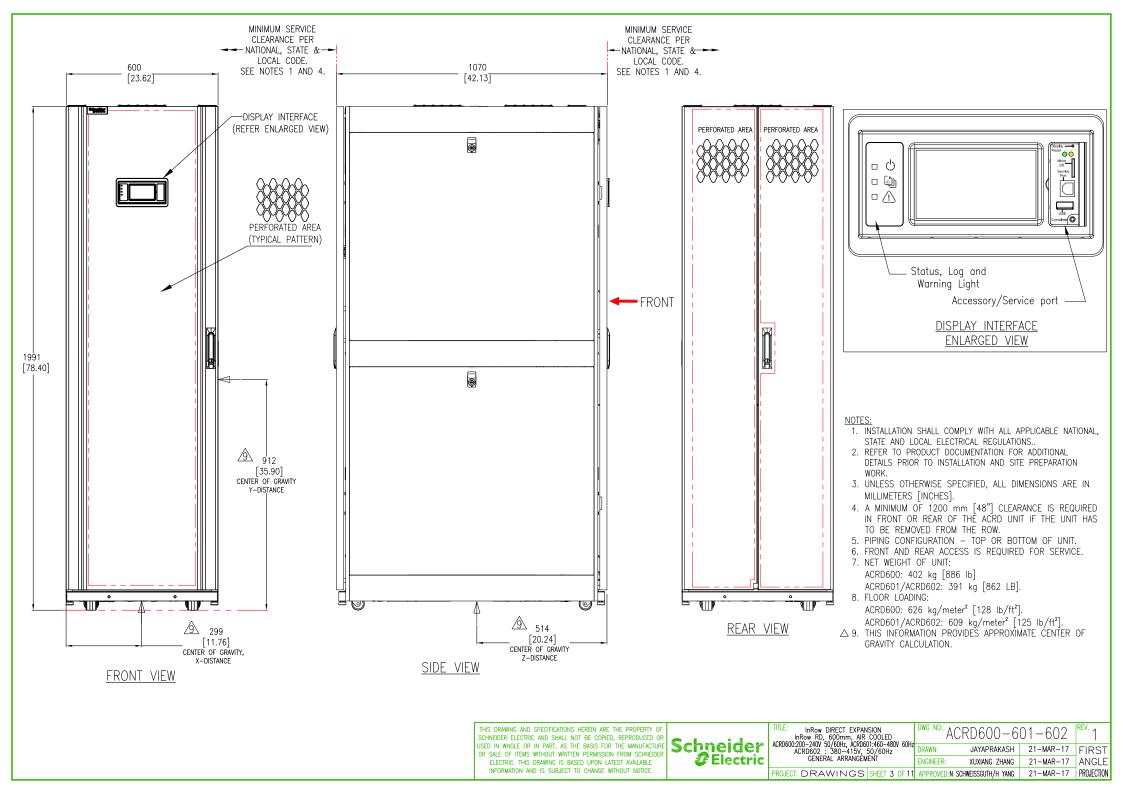
2.REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK

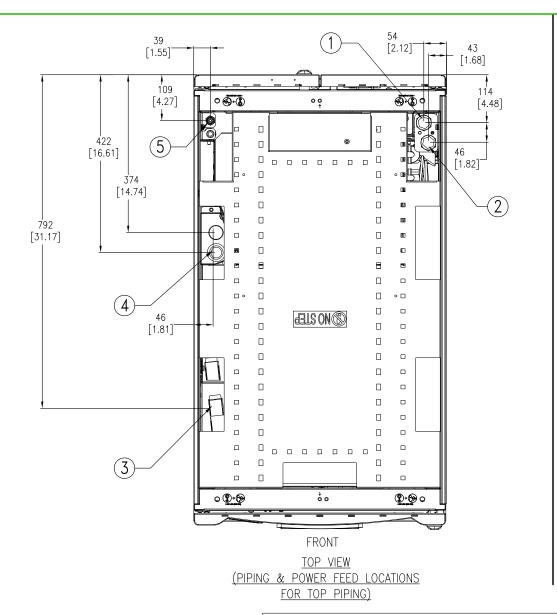
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InRow DIRECT EXPANSION InRow RD, 600mm, AIR COOLED				
ACRD600:200-240V 50/60Hz, ACRD601:460-480V 60Hz ACRD602: 380-415V, 50/60Hz	DRAW			
ISOMETRIC EXTERNÁL VÍEW	ENGIN			
PROJECT: DRAWINGS SHEET 2 OF 11	APPR			

^{VG} NO: ∆(CRD600-6	01-602	REV. 1
RAWN:	JAYAPRAKASH	21-MAR-17	ANGL
IGINEER:	XUXIANG ZHANG	21-MAR-17	PROJECTIO
PROVED: N	SCHWEISSCHTH/H YANG	21-MAR-17	NI / 4





175 (3) [6.88] 140 [5.50] **FRONT** (4)901 [35.49] 58 [4.54] [2.28] 6 828 [32.60] (((() (5)[15.30] 187 [7.36] 199 [7.82] 121 [4.76] 196 BOTTOM VIEW [7.73](PIPING & POWER FEED LOCATIONS 254 FOR BOTTOM PIPING) [10.01]

POWER AND PIPING DETAILS

- REFRIGERANT DISCHARGE LINE
- 2. REFRIGERANT LIQUID INLET LINE
- 3. COMMUNICATION CONNECTIONS {27.80mm[1.09"]}
- 4. POWER CONNECTIONS.
- CONDENSATE DRAIN {12.7mm[1/2"]ID-15.875mm[5/8"] OD} CONDENSATE OVER FLOW {25.00mm[0.98"]ID-50.00mm[1.97"]OD}

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS. 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK. 3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]

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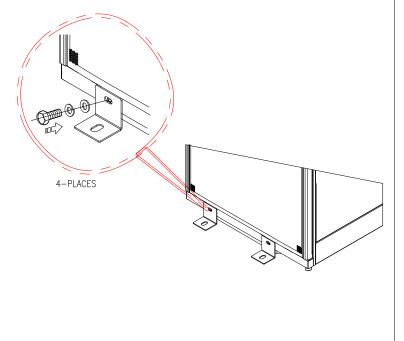
TITLE: InRow DIRECT EXPANSION	DWG NO: ACRD600-60		
		U	
ACRUOUZ . 300-413V, 30/00112	DRAWN: JAYAPRAKASH		
	ENGINEER: XUXIANG ZHANG		
DOUEST, DEAMINES QUEST 4 OF 11	ADDDOVED N COUNTICCOUTU /U VANC	Г	

01 - 60221-MAR-17 FIRST 21-MAR-17 ANGLE 21-MAR-17 PROJECTION

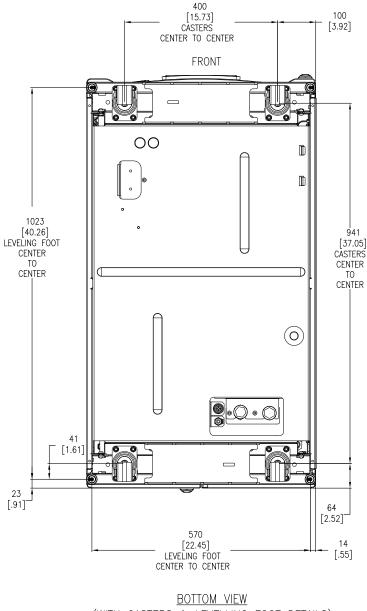
ANCHORING DETAILS 600 [23.62] - SLOTS, 260 4 PLACES [6.69] [10.24] [1.11] **REAR** IT IS NOT RECOMMENDED TO PRE-DRILL HOLES BEFORE PLACING RP UNITS IN ROW. 1175 [46.26] ACRD 1118 [44.03] **FRONT** 29 [1.13] [.63] BOLT DOWN TOP VIEW BRACKET (4-PLACES) (BOLT DOWN BRACKETS

STABILIZING THE InRow RD:

TO PREVENT THE ENCLOSURE FROM MOVING FROM ITS FINAL LOCATION (IF NOT BAYED TO ANOTHER DEVICE), USE AR7701(BOLT-DOWN KIT) ATTACH THE BRACKETS TO THE UNIT AS SHOWN. USE CODE COMPLIANT FASTENERS TO SECURE THE UNIT TO THE FLOOR.



BOTTOM VIEW



(WITH CASTERS & LEVELLING FOOT DETAILS)

21-MAR-17 FIRST

21-MAR-17 ANGLE

21-MAR-17 PROJECTION

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
- REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION
- UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]

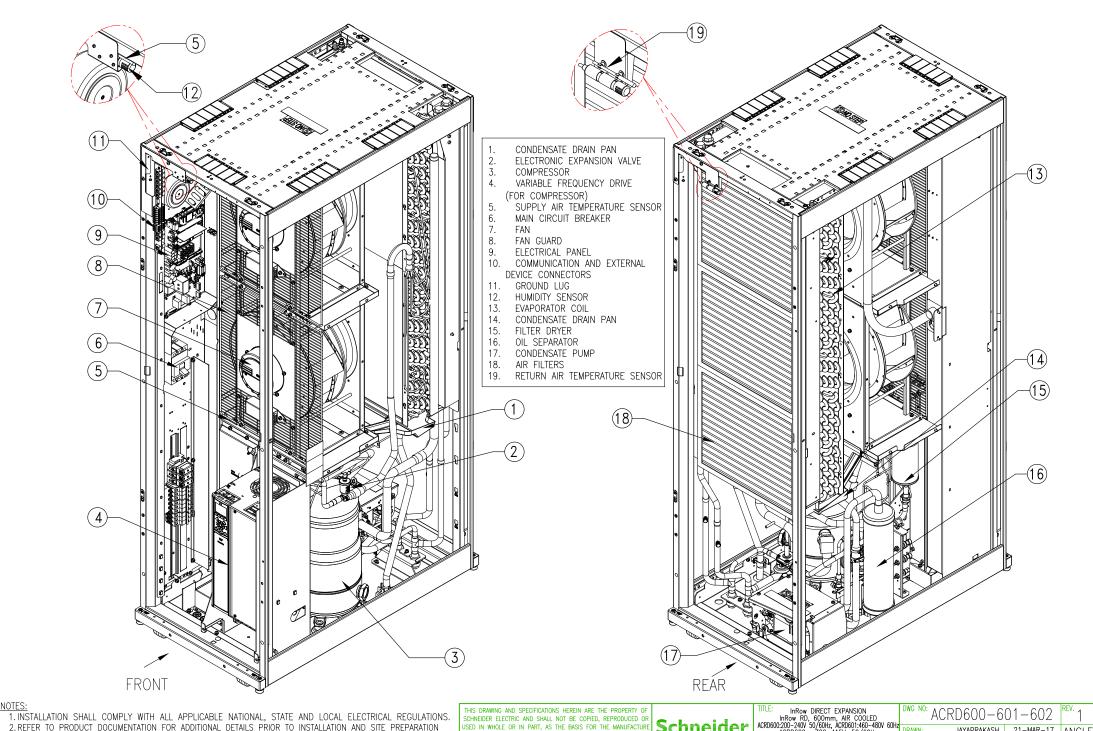
MOUNTING HOLE LOCATIONS)

△4. BOLT-DOWN KIT (SKU# AR7701) IS OPTIONAL AND HAS TO BE ORDERED SEPARATELY.

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INROW DIRECT EXPAN		DWG NO: ACRD600-601-602			
ACRD600:200-240V 50/60Hz, ACRD60 ACRD602 : 380-415V, 5	DRAWN:	JAYAPRAKASH	21-MAR-17		
ANCHORING DETAIL	.S	ENGINEER:	XUXIANG ZHANG	21-MAR-17	
PROJECT: DRAWINGS	SHEET 5 OF 11	APPROVED:N S	CHWFISSGUTH/H YANG	21-MAR-17	



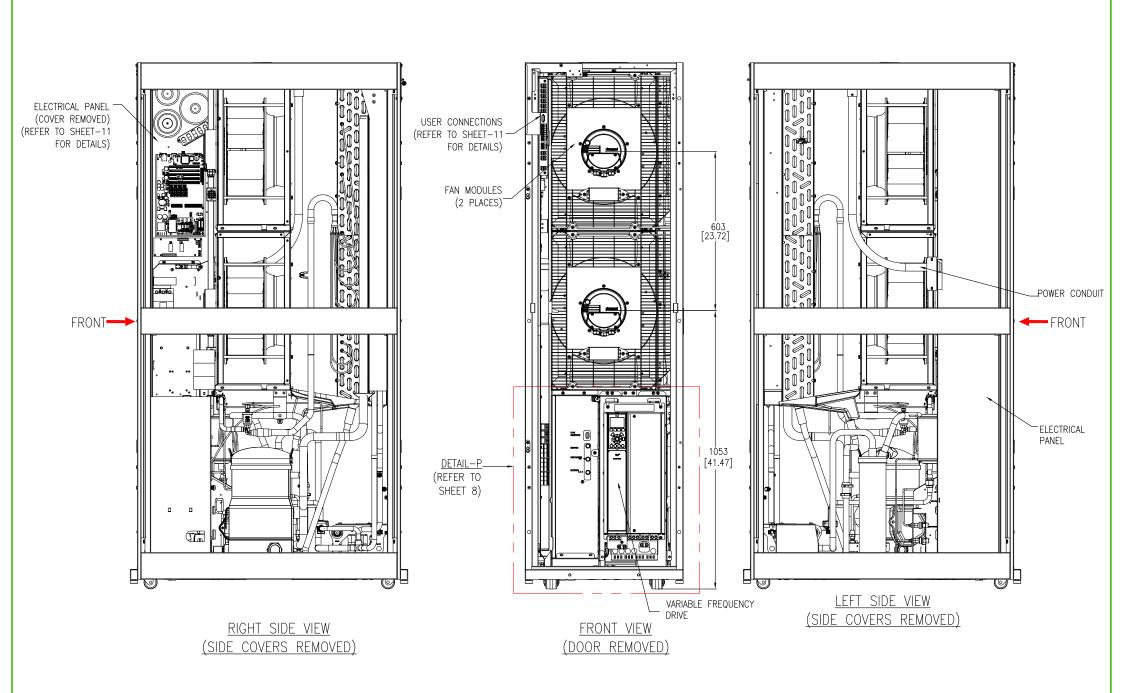
3. SOME MECHANICAL COMPONENTS HAVE BEEN OMITTED FOR PURPOSE OF CLARITY.

JSED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTUR OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Schneider Electric

TITLE: InRow DIRECT EXPANSION
InRow RD, 600mm, AIR COOLED
ACR0600:200-240V 50/60Hz, ACR0601:460-480V 60Hz
ACR0602: 380-415V, 50/60Hz
ISOMETRIC INTERNAL VIEW ENGINEER: PROJECT: DRAWINGS SHEET 6 OF 11 APPROVED: N SCHWEISSGUTH/H YANG

21-MAR-17 ANGLE JAYAPRAKASH PROJECTION XUXIANG ZHANG 21-MAR-17 21-MAR-17



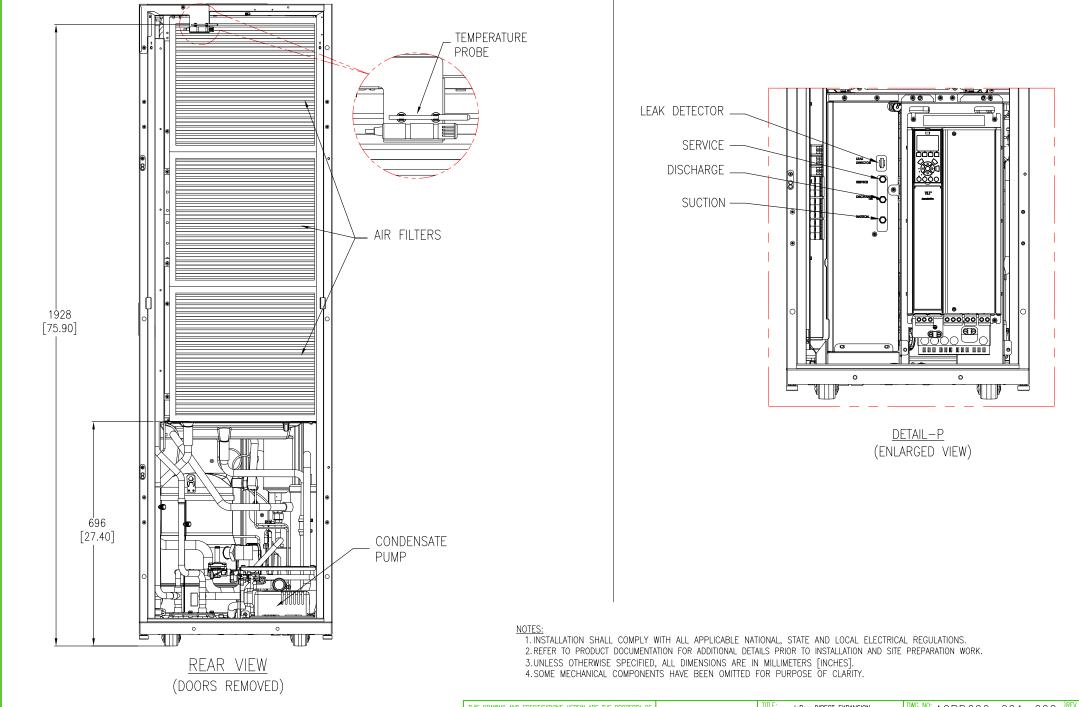
- 1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS. 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION
- 3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- 4. SOME MECHANICAL COMPONENTS HAVE BEEN OMITTED FOR PURPOSE OF CLARITY.

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	TITLE: InRow DIRECT EXPANSION InRow RD, 600mm, AIR COOLED ACRD600:200-240V 50/60Hz, ACRD601:460-480V 60Hz ACRD602: 380-415V, 50/60Hz		DWG NO: ACRD600-6		
1			DRAWN:	JAYAPRAKASH	
:	INTERNAL VIEW	·	ENGINEER:	XUXIANG ZHANG	
	PROJECT: DRAWINGS	SHEET 7 OF 11	APPROVED:N	SCHWEISSGUTH/H YANG	

DWG NO: ACRD600-601-602 21-MAR-17 FIRST JAYAPRAKASH 21-MAR-17 ANGLE ENGINEER: XUXIANG ZHANG 21-MAR-17 PROJECTION

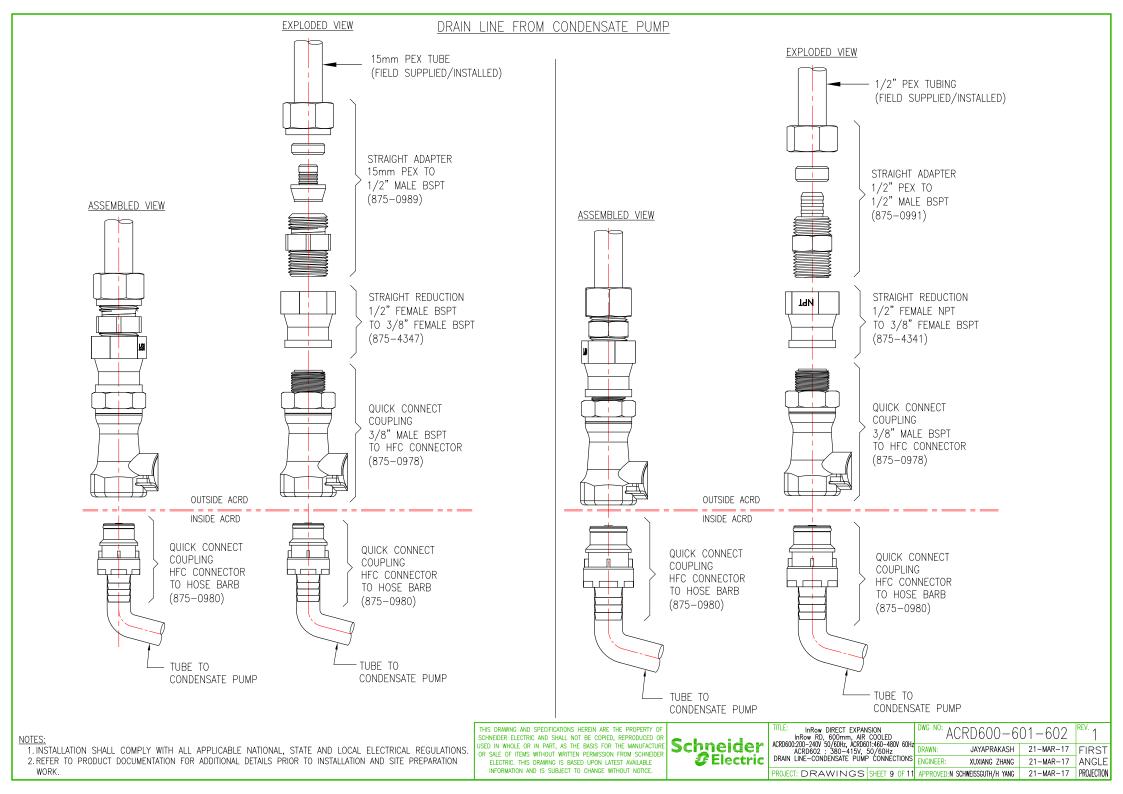


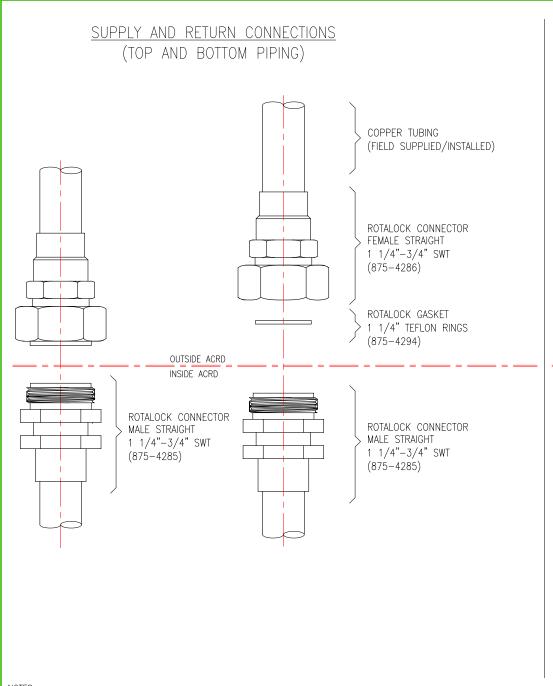
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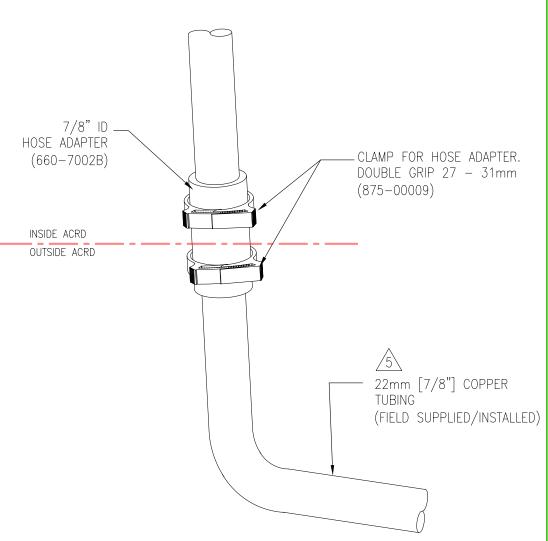
IIILE: InRow DIRECT EXPANSION
InRow RD, 600mm, AIR COOLED
ACRD600:200-240V 50/60Hz, ACRD601:460-480V 60I
ACRD602 : 380-415V. 50/60Hz
INTERNAL VIEW (REAR) ÁND DETAILS

DWG NO: ACRD600-601-602 JAYAPRAKASH 21-MAR-17 FIRST ENGINEER: XUXIANG ZHANG 21-MAR-17 ANGLE 21-MAR-17 PROJECTION PROJECT: DRAWINGS SHEET 8 OF 11 APPROVED:N SCHWEISSCUTH/H YANG





CONDENSATE OVER FLOW LINE



- 1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2.REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION
- 3.RECOMMENDED TORQUE FOR 1 1/4" ROTALOCK IS 90 Nm [66.4 lbt.ft].
- 4.RECOMMENDED BRAZING ALLOY IS AWS A5.8 BCuP-5.
- △5.FIELD SUPPLIED/INSTALLED COPPER TUBING IS DESIGNATED TO BUILDING DWV SYSTEM OR DRAIN PAN.

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	TITLE: InRow DIRECT EXPANSION
	InRow RD, 600mm, AIR COOLED
٠	ACRD600:200-240V 50/60Hz, ACRD601:460-480V 60Hz
	ACRD602 : 380-415V, 50/60Hz
:	SUPPLY, RETURN & CONDENSATE LINE

DWG NO: ACRD600-601-602 21-MAR-17 FIRST JAYAPRAKASH DRAWN: ENGINEER: XUXIANG ZHANG 21-MAR-17 ANGLE PROJECT: DRAWINGS SHEET 10 OF 11 APPROVED: N SCHWEISSGUTH/H YANG 21-MAR-17 PROJECTION

