

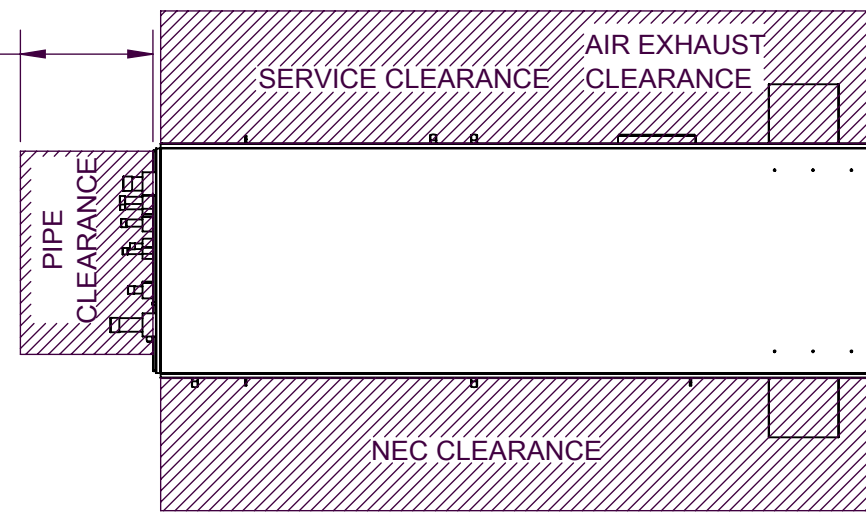
FOR CUSTOMER USE ONLY
DO NOT USE FOR CONSTRUCTION

SUBMITTAL APPROVAL

OVERALL DIMENSIONS	<input type="checkbox"/>	<input type="checkbox"/>	WITH COMMENTS
WEIGHT	<input type="checkbox"/>	<input type="checkbox"/>	
CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	
CUSTOMER NAME	_____		
CUSTOMER SIGNATURE	_____		
DATE	_____		

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36" RECOMMENDED PIPE CLEARANCE



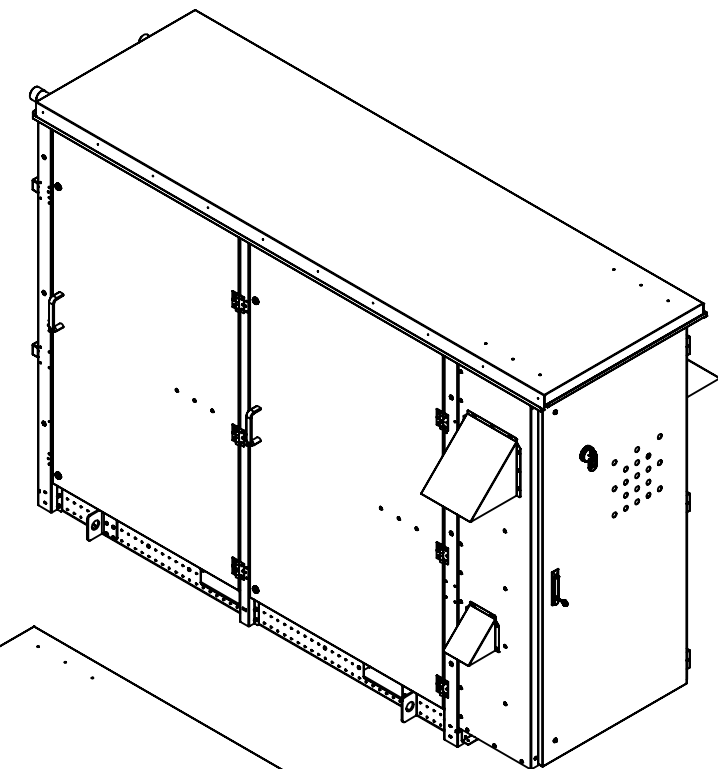
44" RECOMMENDED CLEARANCE FOR DOOR SWING

SEE NOTE 3
 DOOR AND FAN ARE MADE HIDDEN FOR CLARITY

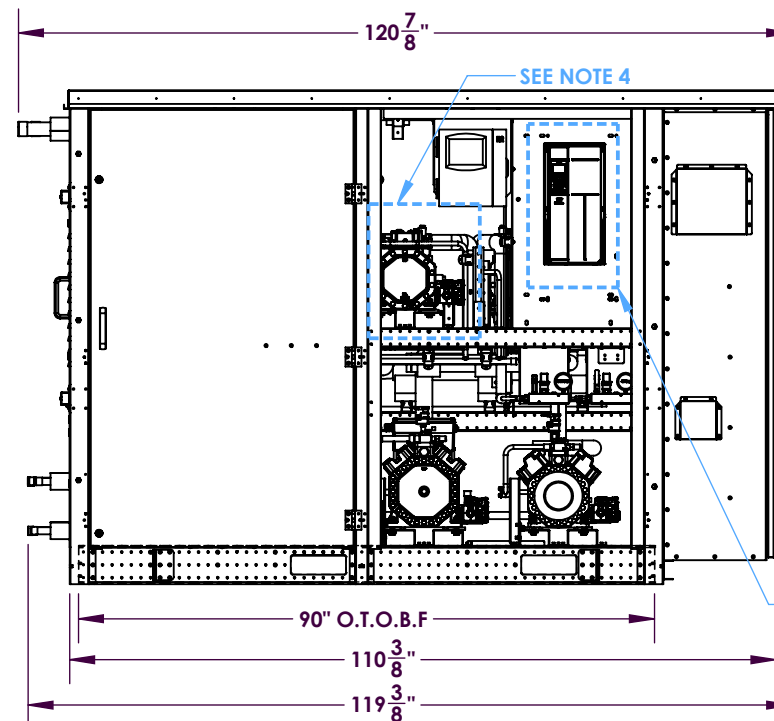
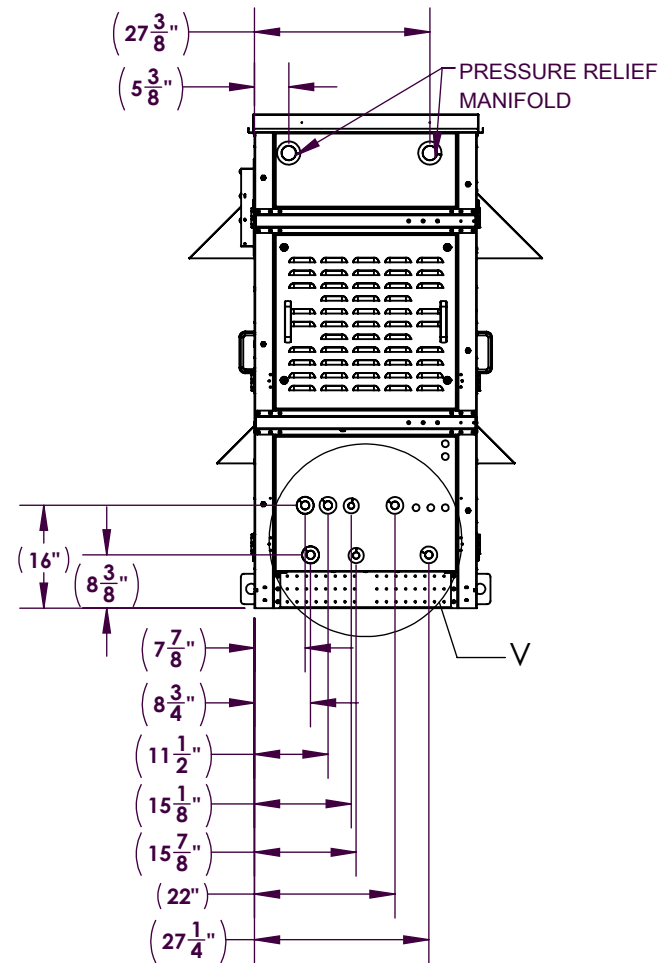
DETAIL W
 SCALE 1 : 25

48" RECOMMENDED NEC CLEARANCE
 SEE NOTE 1

48" RECOMMENDED NEC CLEARANCE
 SEE NOTE 1



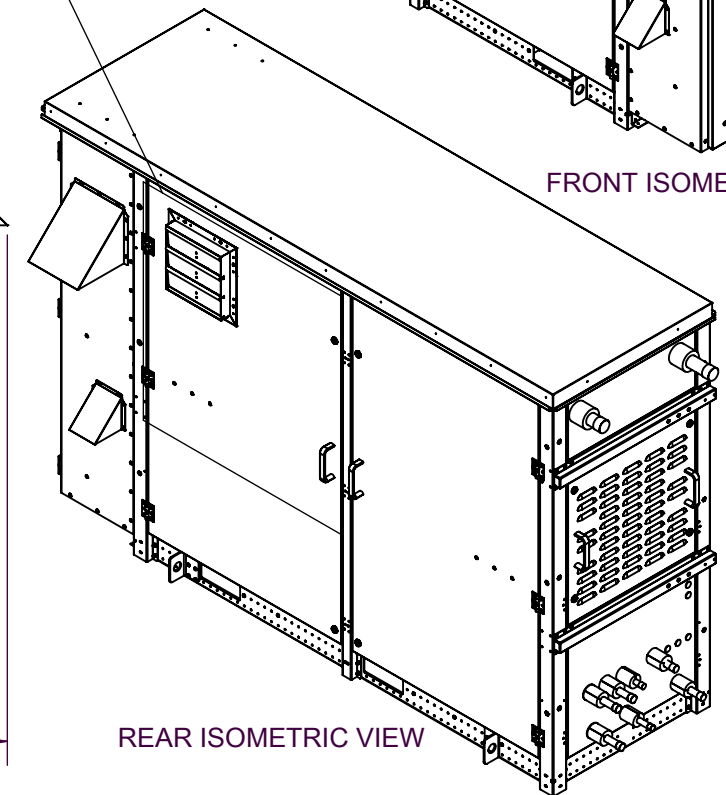
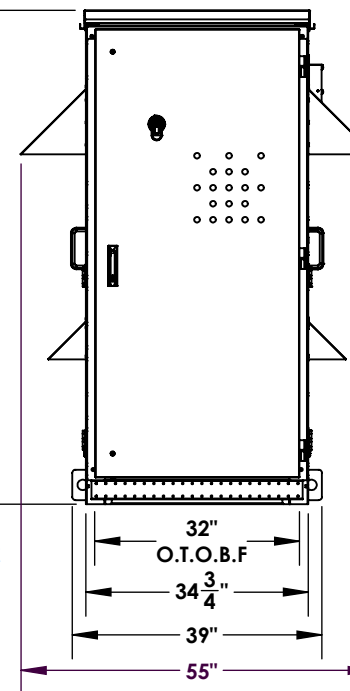
FRONT ISOMETRIC VIEW



DRAWING VIEWS SHOW BITZER COMPRESSOR FOR REFERENCE PURPOSES ONLY. COPELAND COMPRESSOR MODELS ARE ALSO AVAILABLE IN PLATFORM OFFERING. REFER SHEET 5 TO 9 FOR MODEL DETAILS.

77 1/8"
 NOT INCLUDING MOUNTING OPTIONS

PLATFORM OPTION VFD SPOT WILL BE EMPTY IF THE OPTION IS NOT SELECTED. APPROX: 90 TO 160 LBS ADD ON WEIGHT



REAR ISOMETRIC VIEW

NOTE:

1. MINIMUM CLEARANCE REQUIREMENTS SHOWN ARE FOR GENERAL REPRESENTATION ONLY. ACTUAL CLEARANCE REQUIREMENTS ARE DEPENDENT UPON AUTHORITY HAVING JURISDICTION AND MAY EXCEED. DIMENSIONS SHOWN. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO ENSURE THAT THE FINAL EQUIPMENT INSTALLATION MEETS ALL APPLICABLE CODE REQUIREMENTS.
2. O.T.O.B.F (OUTER TO OUTER BASE FRAME) DIMENSION DENOTES THE ACTUAL PERIMETER OF THE C-CHANNEL
3. COMPRESSOR 4 IS ACCESSED FROM REAR OF THE RACK. SPOT WILL BE EMPTY WHEN THE TOTAL COMPRESSOR COUNT ON THE RACK IS THREE OR TWO.
4. ON MEDIUM TEMP ONLY MODELS, WHEN THE TOTAL COMPRESSOR COUNT ON THE RACK IS TWO, THIS SPOT WILL BE EMPTY

REVISION RECORD

REV	DATE	BY	DESCRIPTION
1.1	18JUNE2025	MS	INITIAL RELEASE
-	-	-	-
-	-	-	-
-	-	-	-

ALL TOLERANCES UNLESS OTHERWISE SPECIFIED

ALL BENDS 90° DEGREES ± 1°
 ALL FRACTIONAL DIM. ± 1/32
 3 PLC DECIMALS ± .010
 2 PLC DECIMALS ± .03

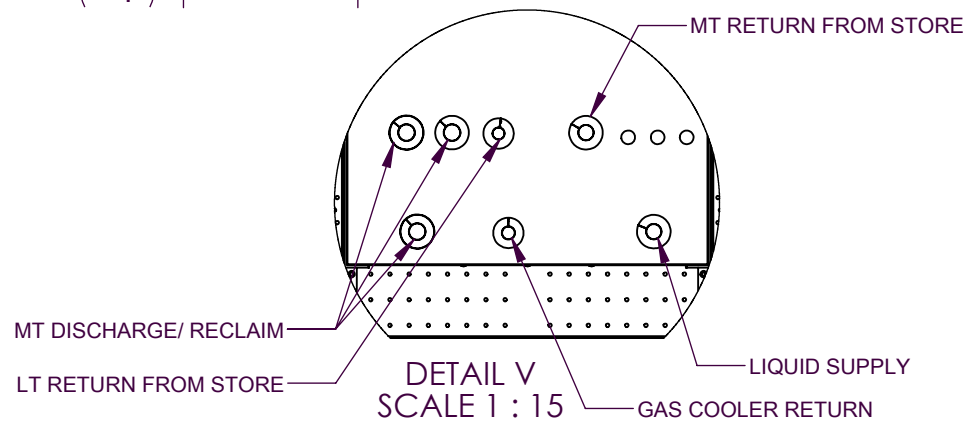
THIRD ANGLE PROJECTION
 DO NOT SCALE DRAWING

CAD FILE NAME: RS00112001

P/N: RS00112001
 SUBMITTAL, FMN, WITH ENCLOSURE

Hillphoenix
 SYSTEMS - REFRIGERATION **A DOVER COMPANY**
 2016 GEES MILL ROAD • CONYERS, GA 30013
 PHONE: (770) 285-3100 • FAX: (770) 285-3076

DRAWN BY: MS
 ENG. APPROVAL: -
 DATE: 18JUNE2025
 SCALE: (EXCEPT AS NOTED) 1:50
 SIZE: B
 SHEET: 1 of 9



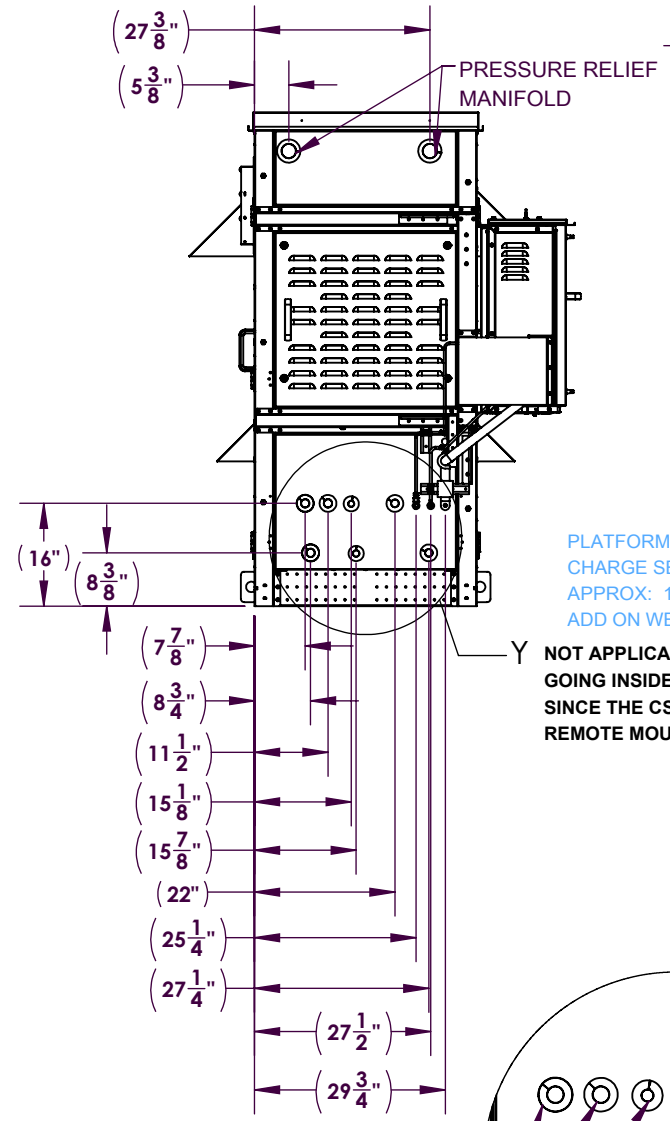
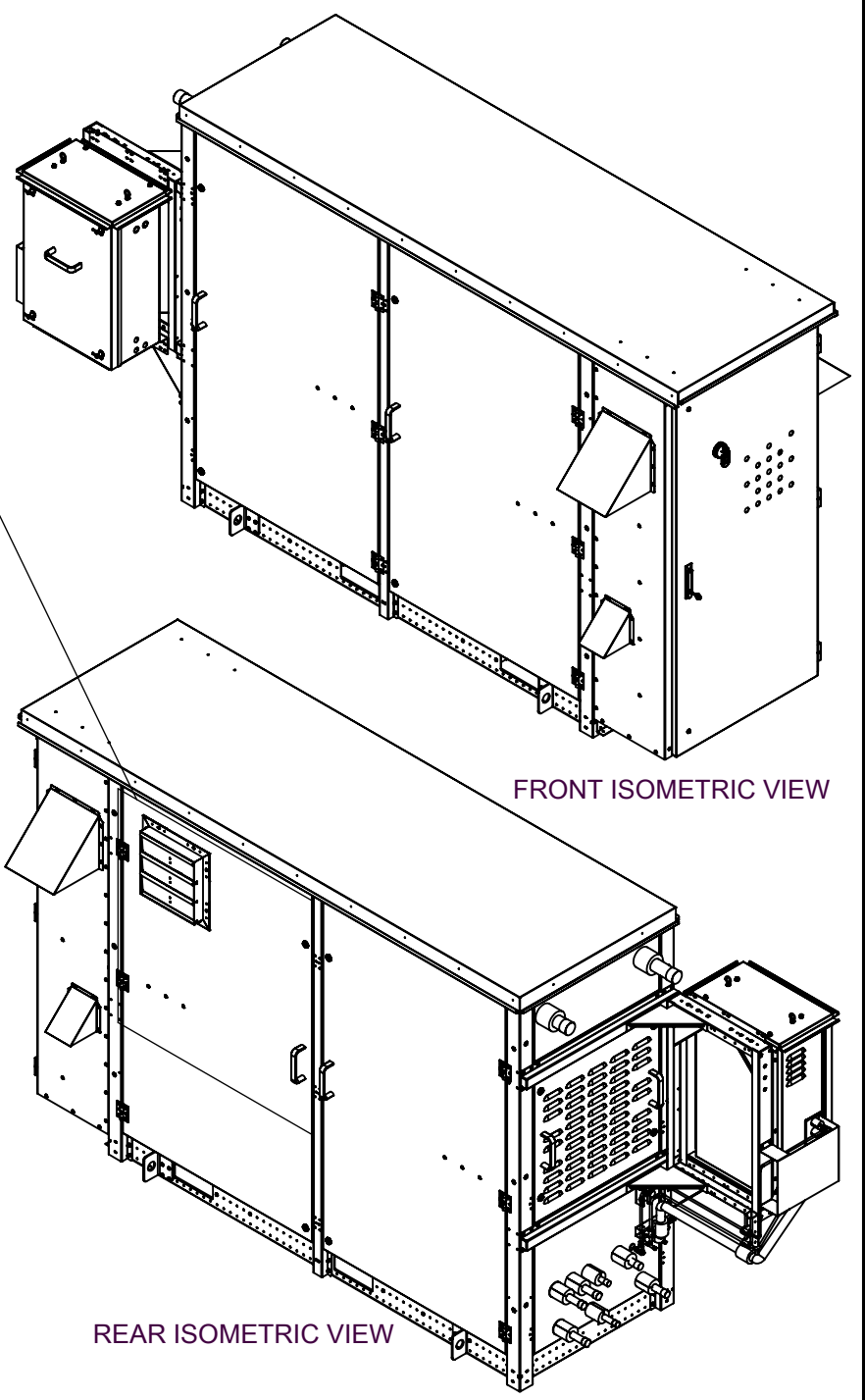
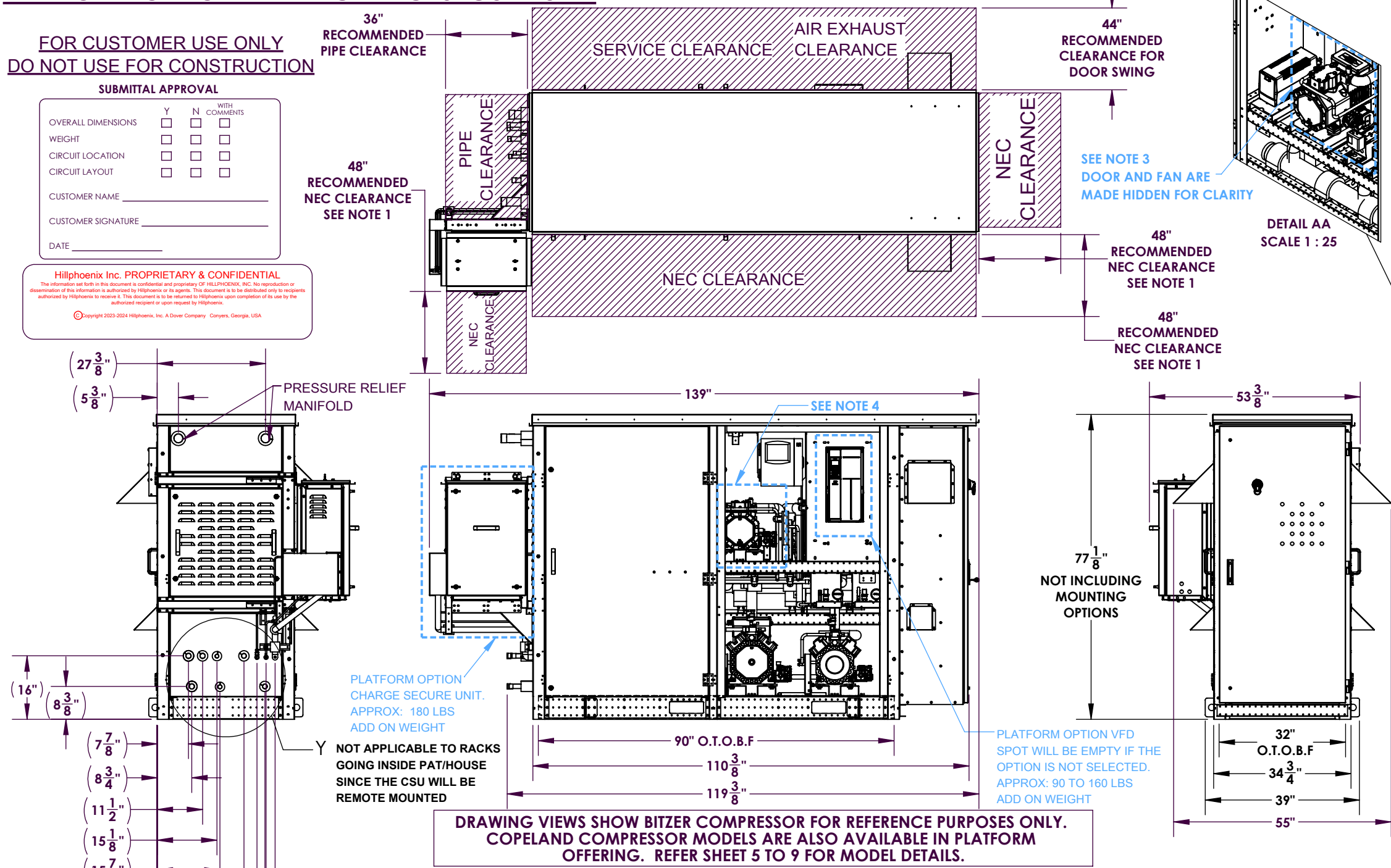
PLATFORM OPTION - WITH CHARGESECURE UNIT

FOR CUSTOMER USE ONLY
DO NOT USE FOR CONSTRUCTION

SUBMITTAL APPROVAL

OVERALL DIMENSIONS	<input type="checkbox"/> Y	<input type="checkbox"/> N	WITH COMMENTS
WEIGHT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUSTOMER NAME	_____		
CUSTOMER SIGNATURE	_____		
DATE	_____		

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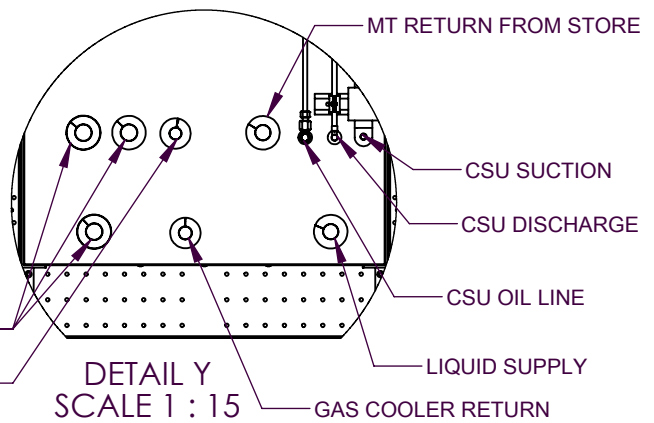


PLATFORM OPTION CHARGE SECURE UNIT. APPROX: 180 LBS ADD ON WEIGHT
NOT APPLICABLE TO RACKS GOING INSIDE PAT/HOUSE SINCE THE CSU WILL BE REMOTE MOUNTED

PLATFORM OPTION VFD SPOT WILL BE EMPTY IF THE OPTION IS NOT SELECTED. APPROX: 90 TO 160 LBS ADD ON WEIGHT

DRAWING VIEWS SHOW BITZER COMPRESSOR FOR REFERENCE PURPOSES ONLY. COPELAND COMPRESSOR MODELS ARE ALSO AVAILABLE IN PLATFORM OFFERING. REFER SHEET 5 TO 9 FOR MODEL DETAILS.

- NOTE:**
1. MINIMUM CLEARANCE REQUIREMENTS SHOWN ARE FOR GENERAL REPRESENTATION ONLY. ACTUAL CLEARANCE REQUIREMENTS ARE DEPENDENT UPON AUTHORITY HAVING JURISDICTION AND MAY EXCEED. DIMENSIONS SHOWN. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO ENSURE THAT THE FINAL EQUIPMENT INSTALLATION MEETS ALL APPLICABLE CODE REQUIREMENTS.
 2. O.T.O.B.F (OUTER TO OUTER BASE FRAME) DIMENSION DENOTES THE ACTUAL PERIMETER OF THE C-CHANNEL
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REVISION RECORD				ALL TOLERANCES UNLESS OTHERWISE SPECIFIED	
REV	DATE	BY	DESCRIPTION		
1.1	18JUNE2025	MS	INITIAL RELEASE	ALL BENDS 90° DEGREES ± 1° ALL FRACTIONAL DIM. ± 1/32 3 PLC DECIMALS ± .010 2 PLC DECIMALS ± .03	
-	-	-	-	THIRD ANGLE PROJECTION DO NOT SCALE DRAWING	
-	-	-	-	CAD FILE NAME: RS00112001	

P/N: RS00112001
SUBMITTAL, FMN, WITH ENCLOSURE

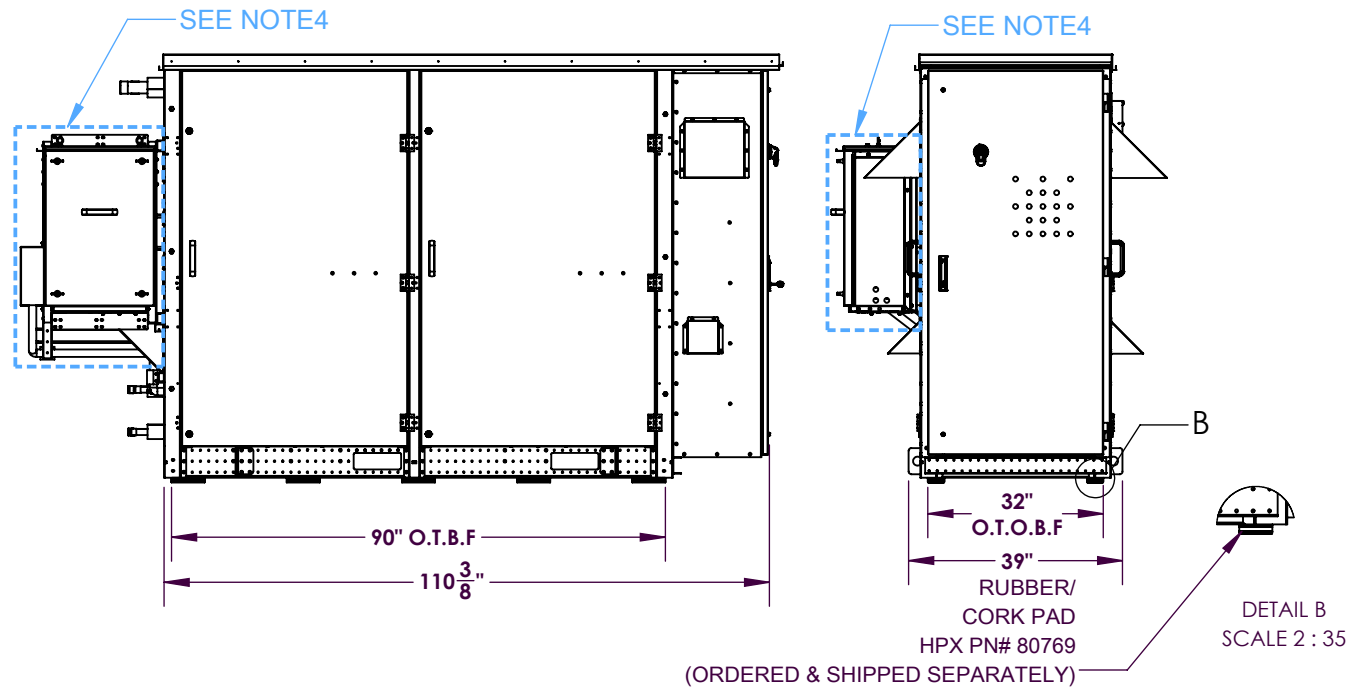
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SYSTEMS - REFRIGERATION
A DOVER COMPANY

2016 GEES MILL ROAD • CONYERS, GA 30013
PHONE: (770) 285-3100 • FAX: (770) 285-3076

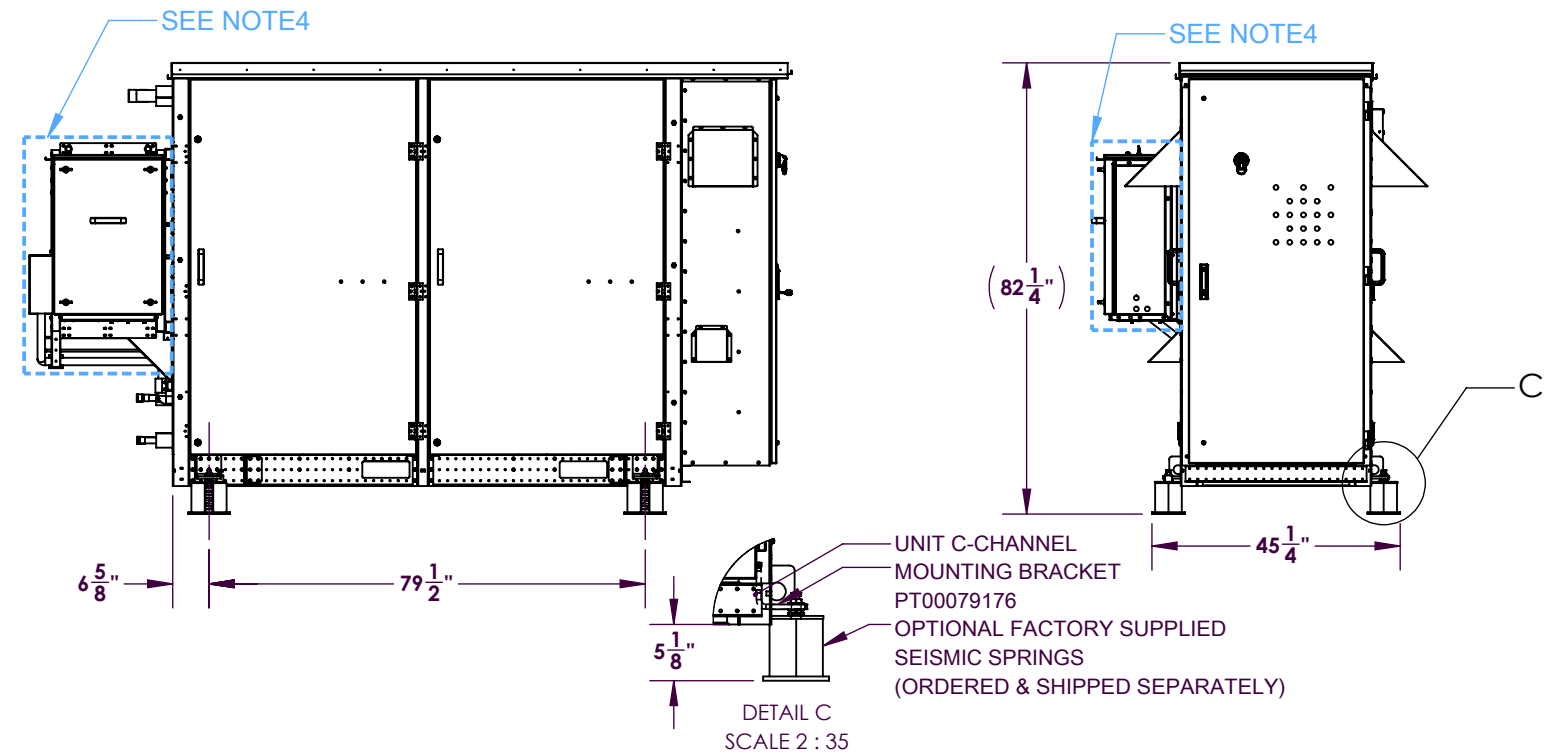
DRAWN BY: MS
ENG. APPROVAL: -
DATE: 18JUNE2025
SCALE: (EXCEPT AS NOTED) 1:50
SIZE: B
SHEET: 2 of 9

MOUNTING OPTIONS

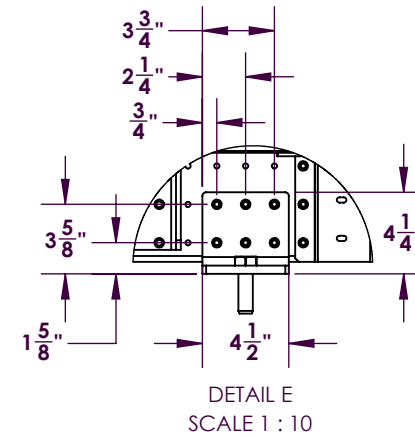
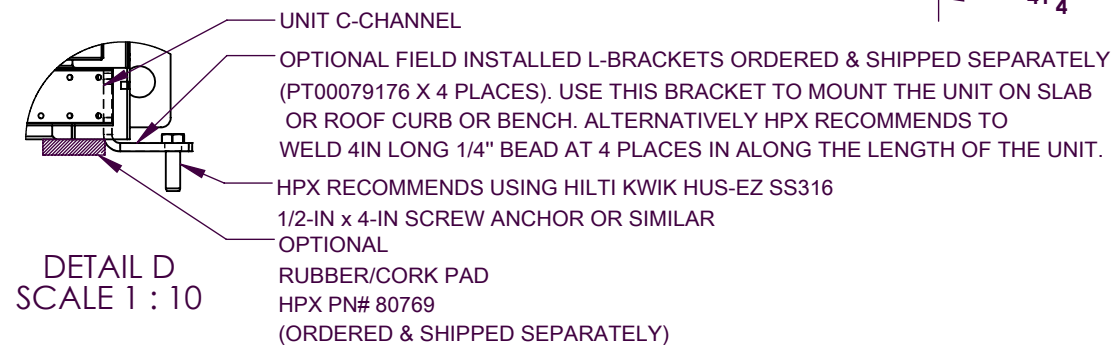
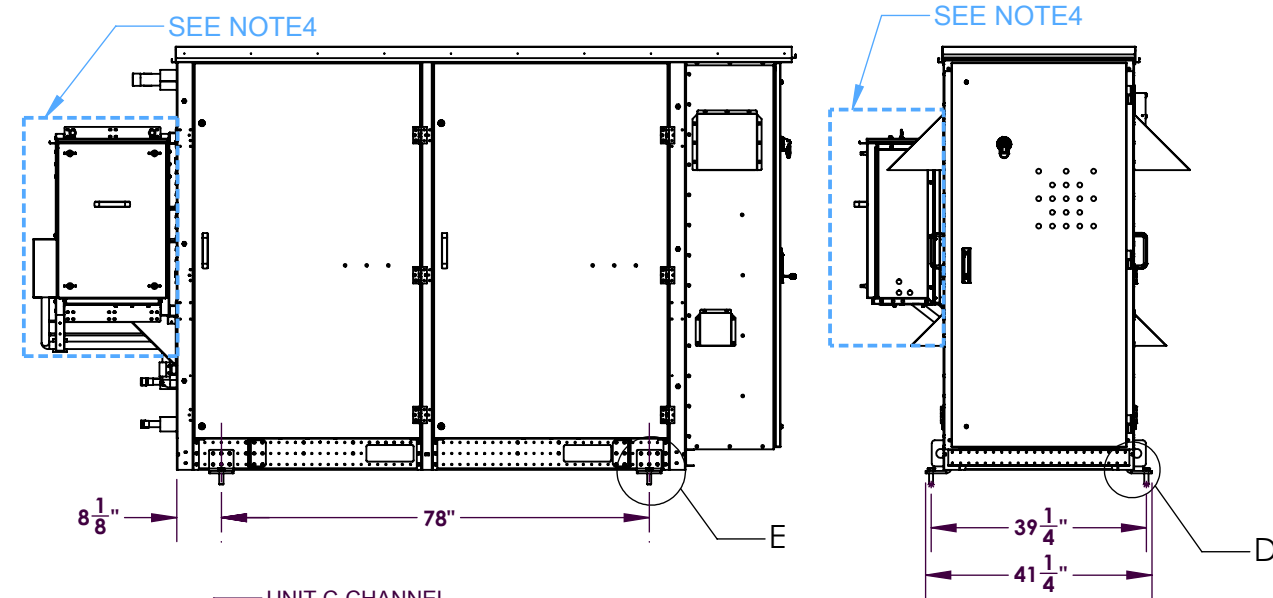
OPTION 1: PREFER MOUNTING ALONG PERIMETER OF UNIT, USE O.T.O.B.F. DIMENSIONS. (THIS IS APPLICABLE FOR INDOOR MOUNTING)



OPTION 2: SEISMIC SPRING



OPTION 3: ROOF CURB/SLAB/BENCH MOUNT (THIS IS APPLICABLE FOR OUTDOOR MOUNTING AND ONLY WHEN ANCHORED INDOOR)



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SUBMITTAL APPROVAL

	Y	N	WITH COMMENTS
OVERALL DIMENSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WEIGHT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUSTOMER NAME	_____		
CUSTOMER SIGNATURE	_____		
DATE	_____		

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NOTE:

1. MOUNTING OPTIONS ARE SHOWN FOR REFERENCE ONLY. CONSULT WITH ARCHITECT/EOR FOR ATTACHMENT METHOD REQUIRED BY THE SPECIFIC REGION.
2. USE O.T.O.B.F. DIMENSIONS SHOWN IN PAGE 1 FOR MOUNTING ALONG PERIMETER OF UNIT.
3. CONSULT HILLPHOENIX SALES REPRESENTATIVE TO REQUEST SHIP LOOSE PARTS.
4. CHARGE SECURE UNIT (PLATFORM OPTION).

REVISION RECORD

REV	DATE	BY	DESCRIPTION
1.1	18JUNE2025	MS	INITIAL RELEASE
-	-	-	-
-	-	-	-
-	-	-	-

ALL TOLERANCES UNLESS OTHERWISE SPECIFIED

ALL BENDS 90°
DEGREES ± 1°
ALL FRACTIONAL DIM. ± 1/32
3 PLC DECIMALS ± .010
2 PLC DECIMALS ± .03

THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING

CAD FILE NAME: RS00112001

P/N: RS00112001
SUBMITTAL, FMN, WITH ENCLOSURE

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SYSTEMS - REFRIGERATION **A DOVER COMPANY**

2016 GEES MILL ROAD • CONYERS, GA 30013
PHONE: (770) 285-3100 • FAX: (770) 285-3076

DRAWN BY:
MS
ENG. APPROVAL:
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DATE:
18JUNE2025
SCALE: (EXCEPT AS NOTED)
1:50
SIZE
B
SHEET:
3 of 9

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SUBMITTAL APPROVAL

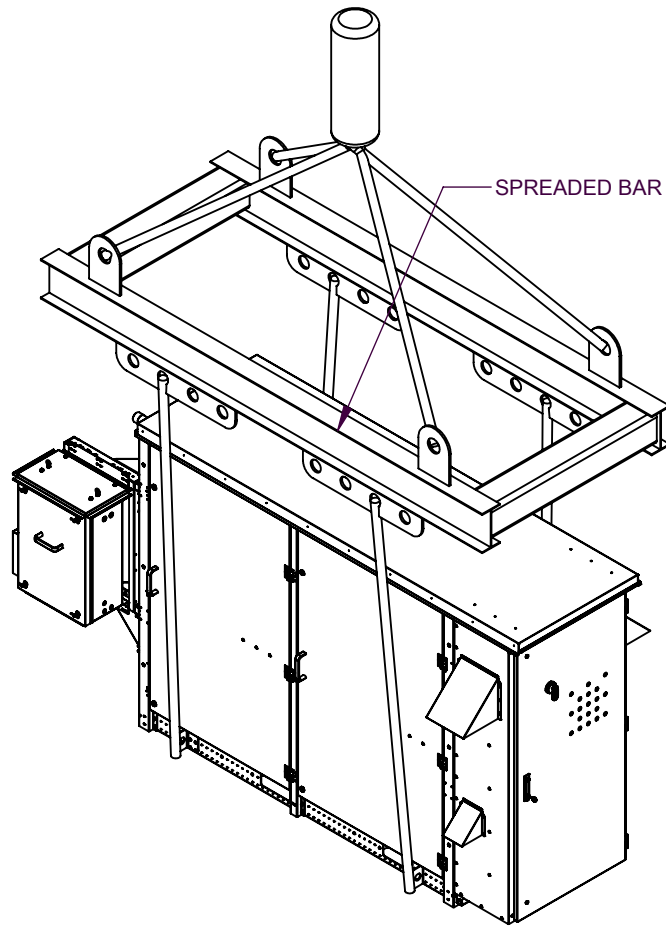
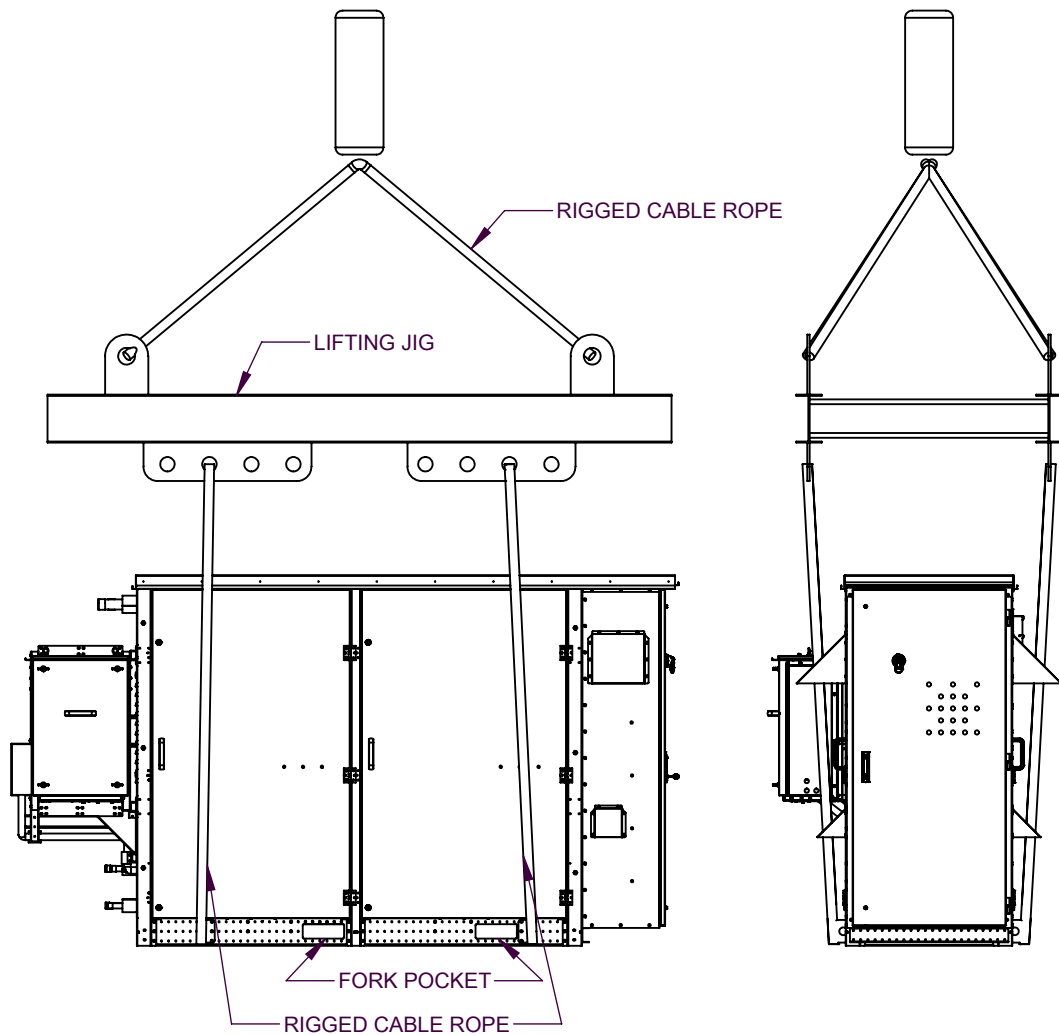
	Y	N	WITH COMMENTS
OVERALL DIMENSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WEIGHT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUSTOMER NAME _____			
CUSTOMER SIGNATURE _____			
DATE _____			

LIFTING DIAGRAM



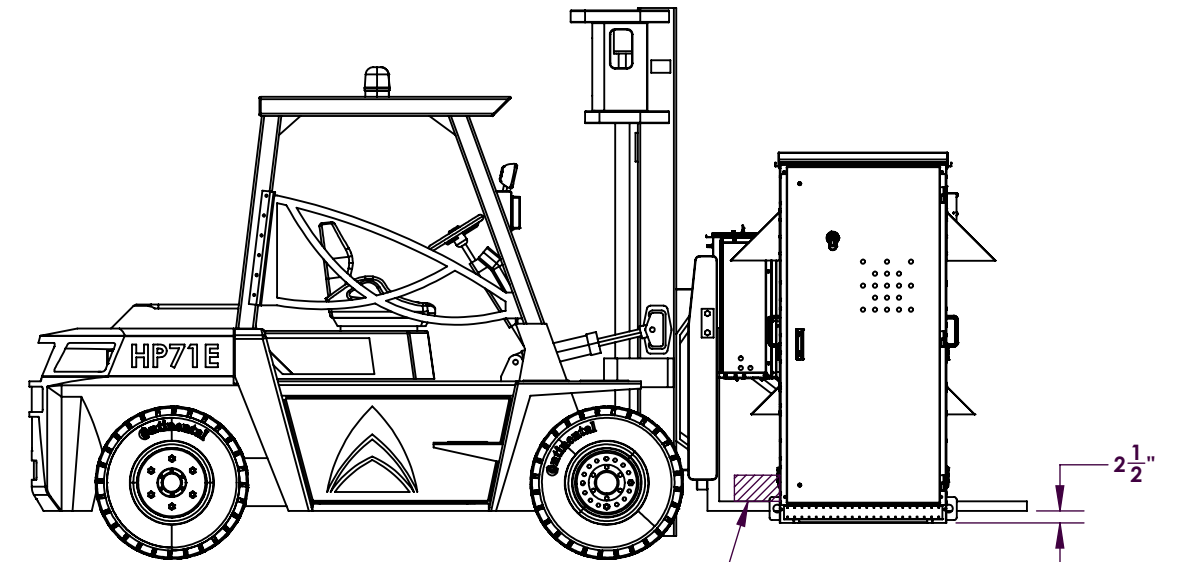
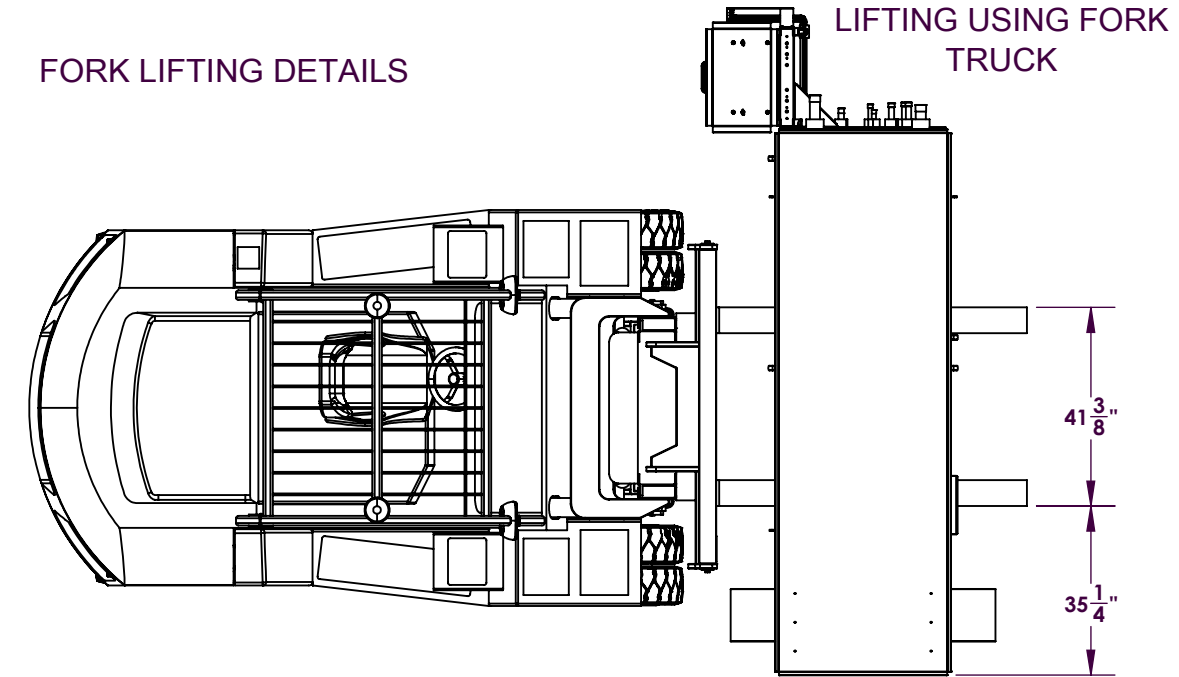
USE CAUTION WHILE LIFTING USING FORK TRUCK

ROOF LIFTING DETAILS



FRONT ISOMETRIC VIEW

FORK LIFTING DETAILS



LIFTING DETAILS

- CABLES NEED TO BE ADJUSTED TO ENSURE THAT THE UNIT IS LEVEL WHEN LIFTED TO PREVENT PERMANENT DAMAGE TO FRAME
- USE ALL LIFTING POINTS
- ALWAYS USE SPREADER BAR TO AVOID DAMAGE TO THE EQUIPMENT WHEN LIFTING
- UNIT CAN BE LIFTED USING FORK LIFT USING FORK LIFT POCKETS.

REVISION RECORD				ALL TOLERANCES UNLESS OTHERWISE SPECIFIED	P/N: RS00112001 SUBMITTAL, FMN, WITH ENCLOSURE	DRAWN BY: MS
REV	DATE	BY	DESCRIPTION	ALL BENDS 90° DEGREES ± 1° ALL FRACTIONAL DIM. ± 1/32 3 PLC DECIMALS ± .010 2 PLC DECIMALS ± .03 THIRD ANGLE PROJECTION DO NOT SCALE DRAWING CAD FILE NAME: RS00112001	Hilphoenix SYSTEMS - REFRIGERATION A DOVER COMPANY 2016 GEES MILL ROAD • CONYERS, GA 30013 PHONE: (770) 285-3100 • FAX: (770) 285-3076	ENG. APPROVAL: -
△	18JUNE2025	MS	INITIAL RELEASE			DATE: 18JUNE2025
△	-	-	-			SCALE: (EXCEPT AS NOTED) 1:50
△	-	-	-			SIZE B
△	-	-	-			SHEET: 4 of 9

CONFIGURATION	MODEL NUMBER	ESTIMATED WEIGHT	LT SUCTION LOOP	MT SUCTION LOOP	LIQUID LOOP	ELECTRICAL DETAILS (RACK ONLY)					
						208/60/3		460/60/3		575/60/3	
						MCA	MOPD	MCA	MOPD	MCA	MOPD
PIPING -1	FMN-2+0x0-M0058-L0000_0000_BB	3750 LBS	NA	7/8	7/8	55	80	28	40	24	30
	FMN-2+0x0-M0070-L0000_0000_BB	3750 LBS	NA	7/8	7/8	66	100	40	60	32	50
	FMN-2+0x0-M0082-L0000_0000_BB	3750 LBS	NA	7/8	7/8	71	100	43	60	32	50
	FMN-2+0x0-M0094-L0000_0000_BB	3750 LBS	NA	7/8	7/8	80	125	41	60	32	50
	FMN-2+0x0-M0102-L0000_0000_BB	3750 LBS	NA	7/8	7/8	85	125	43	60	36	50
	FMN-2+0x0-M0114-L0000_0000_BB	3750 LBS	NA	7/8	7/8	94	125	53	70	42	60
	FMN-2+0x0-M0064-L0000_0000_EE	3750 LBS	NA	7/8	7/8	81	100	39	50	33	40
	FMN-2+0x0-M0076-L0000_0000_EE	3750 LBS	NA	7/8	7/8	84	100	42	60	35	50
	FMN-2+0x0-M0084-L0000_0000_EE	3750 LBS	NA	7/8	7/8	94	125	46	60	37	50
	FMN-2+0x0-M0096-L0000_0000_EE	3750 LBS	NA	7/8	7/8	97	125	48	70	39	50
	FMN-2+0x0-M0114-L0000_0000_EE	3750 LBS	NA	7/8	7/8	119	175	55	80	47	60
	FMN-2+0x0-M0124-L0000_0000_EE	3750 LBS	NA	7/8	7/8	127	175	59	80	48	70
	FMN-2+0x1-M0036-L0030_0000_BB	4000 LBS	5/8	7/8	7/8	77	100	45	60	36	50
	FMN-2+0x1-M0046-L0030_0000_BB	4000 LBS	5/8	7/8	7/8	82	100	48	70	39	50
	FMN-2+0x1-M0060-L0030_0000_BB	4000 LBS	5/8	7/8	7/8	92	125	46	60	36	50
	FMN-2+0x1-M0070-L0030_0000_BB	4000 LBS	5/8	7/8	7/8	97	125	48	70	40	50
	FMN-2+0x1-M0082-L0030_0000_BB	4000 LBS	5/8	7/8	7/8	105	150	58	80	46	60
	FMN-2+0x1-M0102-L0030_0000_BB	4000 LBS	5/8	7/8	7/8	120	175	65	90	52	70
	FMN-2+0x1-M0138-L0030_0000_BB	4000 LBS	5/8	7/8	7/8	131	175	66	90	52	70
	FMN-2+0x1-M0048-L0045_0000_BB	4000 LBS	5/8	7/8	7/8	105	150	52	70	42	60
	FMN-2+0x1-M0064-L0045_0000_BB	4000 LBS	5/8	7/8	7/8	114	150	61	80	49	60
	FMN-2+0x1-M0088-L0045_0000_BB	4000 LBS	5/8	7/8	7/8	128	175	68	90	54	70
	FMN-2+0x1-M0040-L0030_0000_EE	4000 LBS	5/8	7/8	7/8	98	125	50	60	41	50
	FMN-2+0x1-M0052-L0030_0000_EE	4000 LBS	5/8	7/8	7/8	108	150	54	70	42	50
	FMN-2+0x1-M0064-L0030_0000_EE	4000 LBS	5/8	7/8	7/8	111	150	56	70	44	60
	FMN-2+0x1-M0078-L0030_0000_EE	4000 LBS	5/8	7/8	7/8	133	175	63	90	52	70

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SUBMITTAL APPROVAL

	Y	N	WITH COMMENTS
OVERALL DIMENSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WEIGHT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CUSTOMER NAME _____
 CUSTOMER SIGNATURE _____
 DATE _____

REVISION RECORD

REV	DATE	BY	DESCRIPTION
1.1	18JUNE2025	MS	INITIAL RELEASE
-	-	-	-
-	-	-	-
-	-	-	-

ALL TOLERANCES UNLESS OTHERWISE SPECIFIED

ALL BENDS 90° DEGREES ± 1°
 ALL FRACTIONAL DIM. ± 1/32
 3 PLC DECIMALS ± .010
 2 PLC DECIMALS ± .03

THIRD ANGLE PROJECTION
 DO NOT SCALE DRAWING

CAD FILE NAME: RS00112001

P/N: RS00112001
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 SYSTEMS - REFRIGERATION **A DOVER COMPANY**

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DRAWN BY: MS
 ENG. APPROVAL: -
 DATE: 18JUNE2025
 SCALE: (EXCEPT AS NOTED) 1:50
 SIZE B
 SHEET: 5 of 9

CONFIGURATION	MODEL NUMBER	ESTIMATED WEIGHT	LT SUCTION LOOP	MT SUCTION LOOP	LIQUID LOOP	ELECTRICAL DETAILS (RACK ONLY)					
						208/60/3		460/60/3		575/60/3	
						MCA	MOPD	MCA	MOPD	MCA	MOPD
PIPING -1	FMN-2+0x1-M0090-L0030_0000_EE	4000 LBS	5/8	7/8	7/8	141	200	67	90	53	70
	FMN-2+0x1-M0108-L0030_0000_EE	4000 LBS	5/8	7/8	7/8	158	225	75	100	59	80
	FMN-2+0x1-M0054-L0051_0000_EE	4000 LBS	5/8	7/8	7/8	139	200	65	90	56	70
	FMN-2+0x1-M0064-L0051_0000_EE	4000 LBS	5/8	7/8	7/8	147	200	69	90	57	80
	FMN-2+0x1-M0084-L0051_0000_EE	4000 LBS	5/8	7/8	7/8	164	225	77	100	63	90
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	FMN-2+0x2-M0060-L0030_0000_BB	4200 LBS	5/8	7/8	7/8	94	125	47	70	37	50
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	FMN-2+0x2-M0084-L0030_0000_BB	4200 LBS	5/8	7/8	7/8	108	150	59	80	47	60
	FMN-2+0x2-M0102-L0030_0000_BB	4200 LBS	5/8	7/8	7/8	122	175	67	90	53	70
	FMN-2+0x2-M0138-L0030_0000_BB	4200 LBS	5/8	7/8	7/8	134	175	67	90	53	70
	FMN-2+0x2-M0042-L0042_0000_BB	4200 LBS	5/8	7/8	7/8	100	125	70	70	39	50
	FMN-2+0x2-M0054-L0042_0000_BB	4200 LBS	5/8	7/8	7/8	105	150	70	70	43	60
	FMN-2+0x2-M0066-L0042_0000_BB	4200 LBS	5/8	7/8	7/8	114	150	80	80	49	60
	FMN-2+0x2-M0090-L0042_0000_BB	4200 LBS	5/8	7/8	7/8	128	175	90	90	55	70
	FMN-2+0x2-M0054-L0048_0000_EE	4200 LBS	5/8	7/8	7/8	145	200	90	90	55	70
	FMN-2+0x2-M0066-L0048_0000_EE	4200 LBS	5/8	7/8	7/8	153	200	90	90	56	70
	FMN-2+0x2-M0084-L0048_0000_EE	4200 LBS	5/8	7/8	7/8	170	225	100	100	62	80
	FMN-3+0x0-M0102-L0000_0000_BB	4000 LBS	NA	7/8	7/8	93	125	53	70	44	60
FMN-3+0x0-M0114-L0000_0000_BB	4000 LBS	NA	7/8	7/8	98	125	56	70	47	60	
FMN-3+0x0-M0108-L0000_0000_EE	4000 LBS	NA	7/8	7/8	120	150	59	70	50	60	
FMN-3+0x0-M0118-L0000_0000_EE	4000 LBS	NA	7/8	7/8	130	175	63	80	51	60	
PIPING -2	FMN-2+0x0-M0136-L0000_0000_BB	3900 LBS	NA	1 1/8	1 1/8	108	150	60	80	48	70
	FMN-2+0x0-M0160-L0000_0000_BB	3900 LBS	NA	1 1/8	1 1/8	120	175	60	80	48	70
	FMN-2+0x0-M0198-L0000_0000_BB	3900 LBS	NA	1 1/8	1 1/8	154	225	77	100	62	90

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SUBMITTAL APPROVAL

	Y	N	WITH COMMENTS
OVERALL DIMENSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WEIGHT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUSTOMER NAME _____			
CUSTOMER SIGNATURE _____			
DATE _____			

REVISION RECORD

REV	DATE	BY	DESCRIPTION
1.1	18JUNE2025	MS	INITIAL RELEASE
-	-	-	-
-	-	-	-
-	-	-	-

ALL TOLERANCES UNLESS OTHERWISE SPECIFIED

ALL BENDS 90° DEGREES ± 1°
 ALL FRACTIONAL DIM. ± 1/32
 3 PLC DECIMALS ± .010
 2 PLC DECIMALS ± .03

THIRD ANGLE PROJECTION
 DO NOT SCALE DRAWING

CAD FILE NAME: RS00112001

P/N: RS00112001
 SUBMITTAL, FMN, WITH ENCLOSURE

Hillphoenix
 SYSTEMS - REFRIGERATION **A DOVER COMPANY**

2016 GEES MILL ROAD • CONYERS, GA 30013
 PHONE: (770) 285-3100 • FAX: (770) 285-3076

DRAWN BY: MS
 ENG. APPROVAL: -
 DATE: 18JUNE2025
 SCALE: (EXCEPT AS NOTED) 1:50
 SIZE B
 SHEET: 6 of 9

CONFIGURATION	MODEL NUMBER	ESTIMATED WEIGHT	LT SUCTION LOOP	MT SUCTION LOOP	LIQUID LOOP	ELECTRICAL DETAILS (RACK ONLY)					
						208/60/3		460/60/3		575/60/3	
						MCA	MOPD	MCA	MOPD	MCA	MOPD
PIPING -2	FMN-2+0x0-M0220-L0000_0000_BB	3900 LBS	NA	1 1/8	1 1/8	165	225	83	100	66	100
	FMN-2+0x0-M0142-L0000_0000_EE	3900 LBS	NA	1 1/8	1 1/8	144	200	67	100	54	80
	FMN-2+0x0-M0156-L0000_0000_EE	3900 LBS	NA	1 1/8	1 1/8	162	225	72	100	60	80
	FMN-2+0x0-M0184-L0000_0000_EE	3900 LBS	NA	1 1/8	1 1/8	166	250	83	125	64	100
	FMN-2+0x0-M0202-L0000_0000_EE	3900 LBS	NA	1 1/8	1 1/8	184	250	88	125	71	100
	FMN-2+0x0-M0220-L0000_0000_EE	3900 LBS	NA	1 1/8	1 1/8	197	250	94	125	75	100
	FMN-2+0x1-M0108-L0045_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	140	175	69	90	55	70
	FMN-2+0x1-M0148-L0045_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	173	250	86	125	68	100
	FMN-2+0x1-M0072-L0054_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	133	175	70	90	56	70
	FMN-2+0x1-M0096-L0054_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	144	200	71	90	56	70
	FMN-2+0x1-M0138-L0054_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	178	250	88	125	70	100
	FMN-2+0x1-M0156-L0054_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	189	250	93	125	74	100
	FMN-2+0x1-M0084-L0066_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	145	200	72	100	58	80
	FMN-2+0x1-M0126-L0066_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	179	250	89	125	71	100
	FMN-2+0x1-M0148-L0066_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	191	250	95	125	76	100
	FMN-2+0x1-M0108-L0078_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	182	250	91	125	72	100
	FMN-2+0x1-M0132-L0078_0000_BB	4100 LBS	7/8	1 1/8	1 1/8	193	250	96	125	77	100
	FMN-2+0x1-M0102-L0051_0000_EE	4100 LBS	7/8	1 1/8	1 1/8	182	250	82	100	69	90
	FMN-2+0x1-M0126-L0051_0000_EE	4100 LBS	7/8	1 1/8	1 1/8	186	250	93	125	74	100
	FMN-2+0x1-M0144-L0051_0000_EE	4100 LBS	7/8	1 1/8	1 1/8	204	250	98	125	80	100
	FMN-2+0x1-M0162-L0051_0000_EE	4100 LBS	7/8	1 1/8	1 1/8	217	300	104	150	85	100
	FMN-2+0x1-M0096-L0087_0000_EE	4100 LBS	7/8	1 1/8	1 1/8	221	300	105	150	85	100
	FMN-2+0x1-M0118-L0087_0000_EE	4100 LBS	7/8	1 1/8	1 1/8	234	300	111	150	90	125
	FMN-2+0x2-M0114-L0042_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	139	175	69	90	55	70
	FMN-2+0x2-M0150-L0042_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	173	250	89	125	69	100
FMN-2+0x2-M0066-L0057_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	134	175	72	100	57	80	

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SUBMITTAL APPROVAL

OVERALL DIMENSIONS	<input type="checkbox"/> Y	<input type="checkbox"/> N	WITH COMMENTS
WEIGHT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CUSTOMER NAME _____
 CUSTOMER SIGNATURE _____
 DATE _____

REVISION RECORD

REV	DATE	BY	DESCRIPTION
1.1	18JUNE2025	MS	INITIAL RELEASE
-	-	-	-
-	-	-	-
-	-	-	-

ALL TOLERANCES UNLESS OTHERWISE SPECIFIED

ALL BENDS 90° DEGREES ± 1°
 ALL FRACTIONAL DIM. ± 1/32
 3 PLC DECIMALS ± .010
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THIRD ANGLE PROJECTION
 DO NOT SCALE DRAWING

CAD FILE NAME: RS00112001

P/N: RS00112001
 SUBMITTAL, FMN, WITH ENCLOSURE

Hillphoenix
 SYSTEMS - REFRIGERATION **A DOVER COMPANY**

2016 GEES MILL ROAD • CONYERS, GA 30013
 PHONE: (770) 285-3100 • FAX: (770) 285-3076

DRAWN BY: MS
 ENG. APPROVAL: -
 DATE: 18JUNE2025
 SCALE: (EXCEPT AS NOTED) 1:50
 SIZE B
 SHEET: 7 of 9

CONFIGURATION	MODEL NUMBER	ESTIMATED WEIGHT	LT SUCTION LOOP	MT SUCTION LOOP	LIQUID LOOP	ELECTRICAL DETAILS (RACK ONLY)					
						208/60/3		460/60/3		575/60/3	
						MCA	MOPD	MCA	MOPD	MCA	MOPD
PIPING -2	FMN-2+0x2-M0090-L0057_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	146	200	72	100	58	80
	FMN-2+0x2-M0136-L0057_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	179	250	89	125	71	100
	FMN-2+0x2-M0156-L0057_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	191	250	95	125	76	100
	FMN-2+0x2-M0078-L0066_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	150	200	74	100	59	80
	FMN-2+0x2-M0124-L0066_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	184	250	91	125	72	100
	FMN-2+0x2-M0144-L0066_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	195	250	96	125	77	100
	FMN-2+0x2-M0108-L0078_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	188	250	93	125	74	100
	FMN-2+0x2-M0132-L0078_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	200	250	98	125	78	100
	FMN-2+0x2-M0090-L0090_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	193	250	95	125	75	100
	FMN-2+0x2-M0114-L0090_0000_BB	4300 LBS	7/8	1 1/8	1 1/8	204	250	100	125	80	100
	FMN-2+0x2-M0102-L0048_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	188	250	85	100	68	90
	FMN-2+0x2-M0130-L0048_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	192	250	96	125	73	100
	FMN-2+0x2-M0144-L0048_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	210	300	101	125	79	100
	FMN-2+0x2-M0162-L0048_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	223	300	107	150	84	100
	FMN-2+0x2-M0072-L0060_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	172	225	83	100	65	90
	FMN-2+0x2-M0090-L0060_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	190	250	88	100	71	90
	FMN-2+0x2-M0118-L0060_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	194	250	99	125	75	100
	FMN-2+0x2-M0136-L0060_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	212	300	104	150	82	100
	FMN-2+0x2-M0154-L0060_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	225	300	110	150	86	100
	FMN-2+0x2-M0076-L0069_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	194	250	87	100	72	90
	FMN-2+0x2-M0106-L0069_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	198	250	98	125	76	100
	FMN-2+0x2-M0124-L0069_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	216	300	103	150	83	100
	FMN-2+0x2-M0144-L0069_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	229	300	109	150	87	100
	FMN-2+0x2-M0088-L0078_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	200	250	101	125	79	100
	FMN-2+0x2-M0108-L0078_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	218	300	106	150	85	100
FMN-2+0x2-M0126-L0078_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	231	300	112	150	90	125	
FMN-2+0x2-M0094-L0090_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	220	300	106	150	88	100	

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SUBMITTAL APPROVAL

	Y	N	WITH COMMENTS
OVERALL DIMENSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WEIGHT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CUSTOMER NAME _____
 CUSTOMER SIGNATURE _____
 DATE _____

REVISION RECORD

REV	DATE	BY	DESCRIPTION
1.1	18JUNE2025	MS	INITIAL RELEASE
-	-	-	-
-	-	-	-
-	-	-	-

ALL TOLERANCES UNLESS OTHERWISE SPECIFIED

ALL BENDS 90° DEGREES ± 1°
 ALL FRACTIONAL DIM. ± 1/32
 3 PLC DECIMALS ± .010
 2 PLC DECIMALS ± .03

THIRD ANGLE PROJECTION
 DO NOT SCALE DRAWING

CAD FILE NAME: RS00112001

P/N: RS00112001
 SUBMITTAL, FMN, WITH ENCLOSURE

Hillphoenix
 SYSTEMS - REFRIGERATION **A DOVER COMPANY**

2016 GEES MILL ROAD • CONYERS, GA 30013
 PHONE: (770) 285-3100 • FAX: (770) 285-3076

DRAWN BY: MS
 ENG. APPROVAL: -
 DATE: 18JUNE2025
 SCALE: (EXCEPT AS NOTED) 1:50
 SIZE B
 SHEET: 8 of 9

CONFIGURATION	MODEL NUMBER	ESTIMATED WEIGHT	LT SUCTION LOOP	MT SUCTION LOOP	LIQUID LOOP	ELECTRICAL DETAILS (RACK ONLY)					
						208/60/3		460/60/3		575/60/3	
						MCA	MOPD	MCA	MOPD	MCA	MOPD
PIPING -2	FMN-2+0x2-M0114-L0090_0000_EE	4300 LBS	7/8	1 1/8	1 1/8	233	300	112	150	93	125
	FMN-3+0x0-M0136-L0000_0000_BB	4150 LBS	NA	1 1/8	1 1/8	112	150	56	70	48	60
	FMN-3+0x0-M0160-L0000_0000_BB	4150 LBS	NA	1 1/8	1 1/8	129	175	76	90	61	70
	FMN-3+0x0-M0184-L0000_0000_BB	4150 LBS	NA	1 1/8	1 1/8	141	175	76	90	61	70
	FMN-3+0x0-M0204-L0000_0000_BB	4150 LBS	NA	1 1/8	1 1/8	155	200	83	100	67	80
	FMN-3+0x0-M0226-L0000_0000_BB	4150 LBS	NA	1 1/8	1 1/8	167	200	84	100	67	80
	FMN-3+0x0-M0138-L0000_0000_EE	4150 LBS	NA	1 1/8	1 1/8	141	175	69	90	54	70
	FMN-3+0x0-M0156-L0000_0000_EE	4150 LBS	NA	1 1/8	1 1/8	158	200	74	100	63	80
	FMN-3+0x0-M0180-L0000_0000_EE	4150 LBS	NA	1 1/8	1 1/8	184	225	83	100	70	90
	FMN-3+0x0-M0202-L0000_0000_EE	4150 LBS	NA	1 1/8	1 1/8	201	250	91	125	76	100
	FMN-3+0x0-M0220-L0000_0000_EE	4150 LBS	NA	1 1/8	1 1/8	214	250	98	125	81	100
	FMN-3+0x0-M0246-L0000_0000_BB	4150 LBS	NA	1 1/8	1 1/8	178	225	89	125	72	90
	FMN-3+0x0-M0246-L0000_0000_EE	4150 LBS	NA	1 1/8	1 1/8	240	300	107	125	88	125
	FMN-3+0x1-M0184-L0054_0000_BB	4500 LBS	7/8	1 1/8	1 1/8	202	250	100	125	80	100
	FMN-3+0x1-M0186-L0051_0000_EE	4500 LBS	7/8	1 1/8	1 1/8	260	300	117	150	98	125
	FMN-3+0x1-M0174-L0066_0000_BB	4500 LBS	7/8	1 1/8	1 1/8	206	250	102	125	81	100
	FMN-3+0x1-M0192-L0066_0000_BB	4500 LBS	7/8	1 1/8	1 1/8	226	300	113	150	90	125
	FMN-3+0x1-M0162-L0078_0000_BB	4500 LBS	7/8	1 1/8	1 1/8	206	250	103	125	82	100
FMN-3+0x1-M0180-L0078_0000_BB	4500 LBS	7/8	1 1/8	1 1/8	228	300	114	150	91	125	
PIPING -3	FMN-3+0x0-M0268-L0000_0000_BB	4300 LBS	NA	1 3/8	1 1/8	200	250	101	125	81	100
	FMN-3+0x0-M0310-L0000_0000_BB	4300 LBS	NA	1 3/8	1 1/8	223	300	112	150	90	125
	FMN-3+0x0-M0270-L0000_0000_EE	4300 LBS	NA	1 3/8	1 1/8	248	300	116	150	94	125
	FMN-3+0x0-M0306-L0000_0000_EE	4300 LBS	NA	1 3/8	1 1/8	275	350	129	175	104	125
	FMN-3+0x1-M0220-L0078_0000_BB	4600 LBS	7/8	1 3/8	1 1/8	251	300	125	150	100	125
	FMN-3+0x1-M0144-L0087_0000_EE	4600 LBS	7/8	1 3/8	1 1/8	277	350	124	150	103	125
	FMN-3+0x1-M0172-L0087_0000_EE	4600 LBS	7/8	1 3/8	1 1/8	285	350	133	175	109	125
	FMN-3+0x1-M0210-L0087_0000_EE	4600 LBS	7/8	1 3/8	1 1/8	312	400	146	175	118	150

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CIRCUIT LOCATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIRCUIT LAYOUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CUSTOMER NAME _____
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ALL TOLERANCES UNLESS OTHERWISE SPECIFIED

ALL BENDS 90° DEGREES ± 1°
 ALL FRACTIONAL DIM. ± 1/32
 3 PLC DECIMALS ± .010
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THIRD ANGLE PROJECTION
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CAD FILE NAME: RS00112001

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