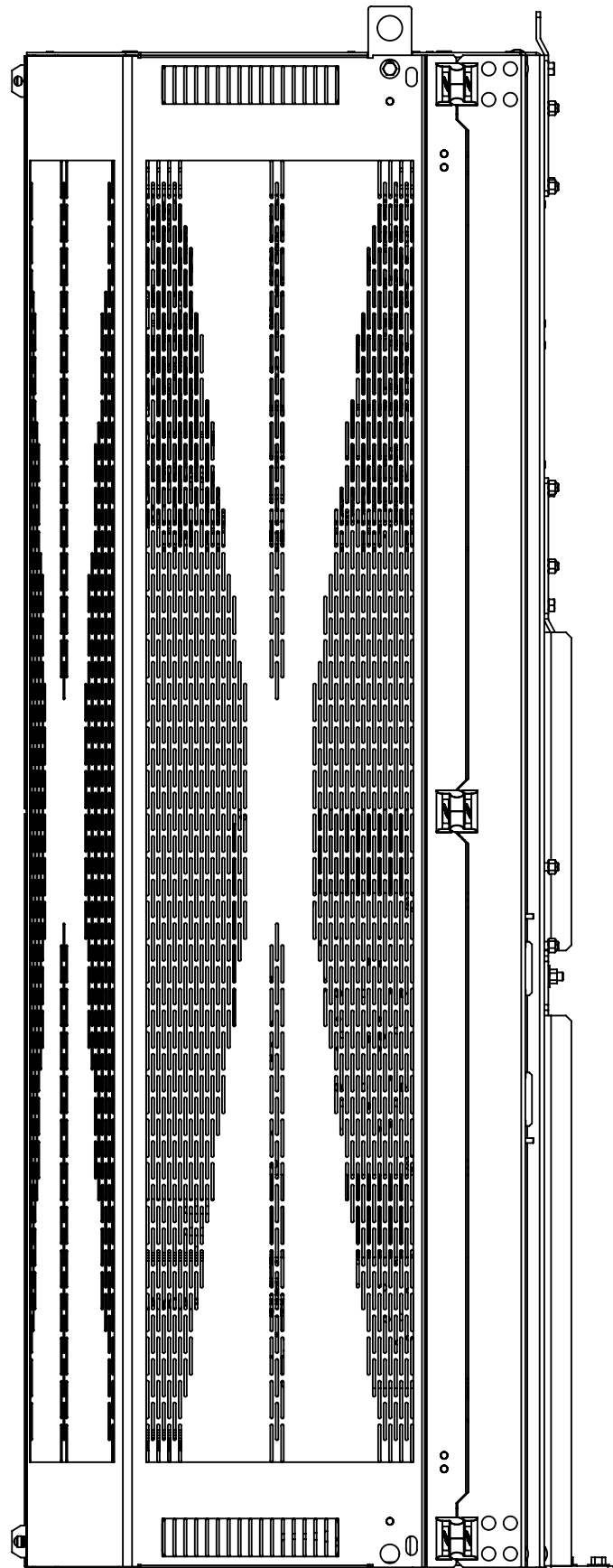
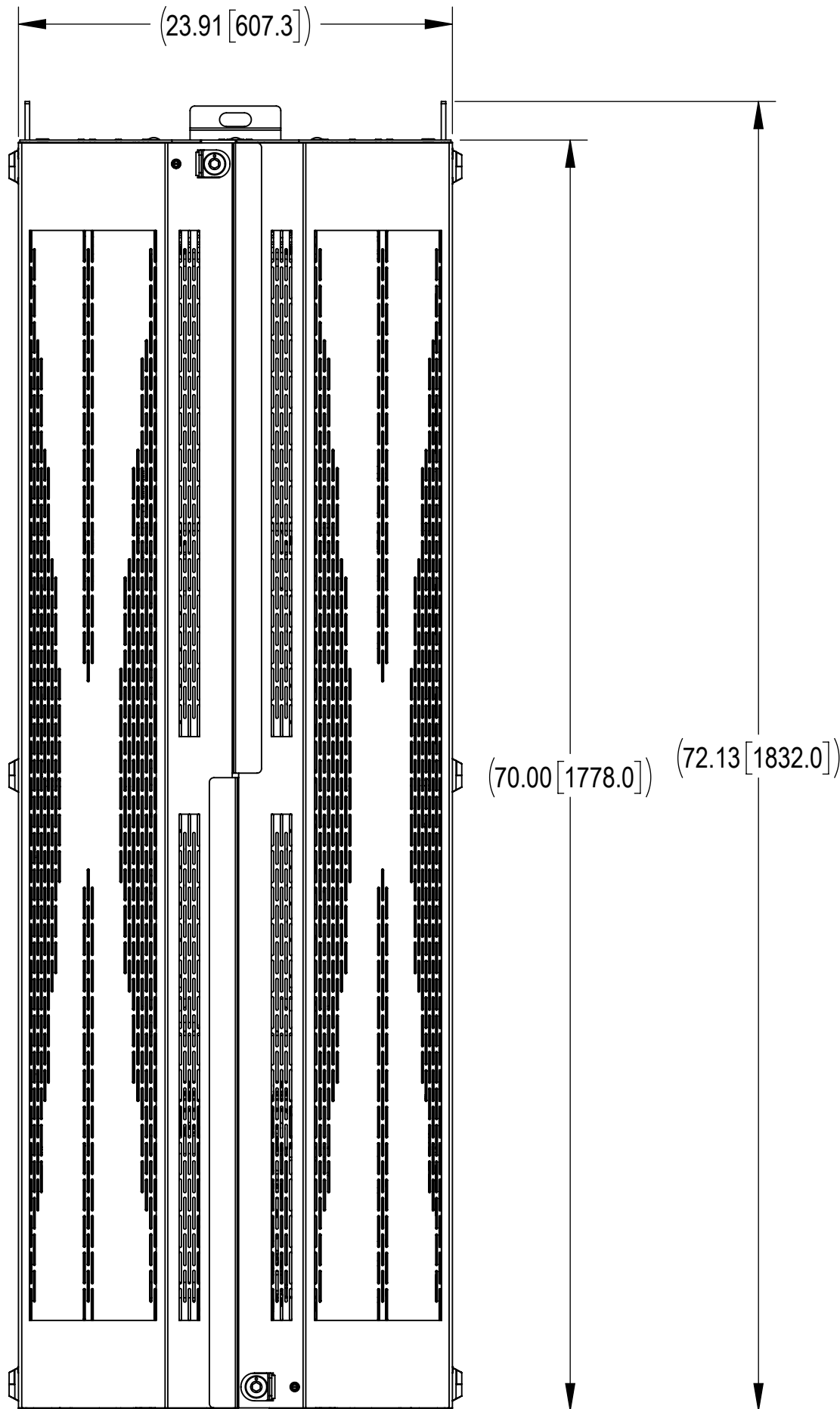
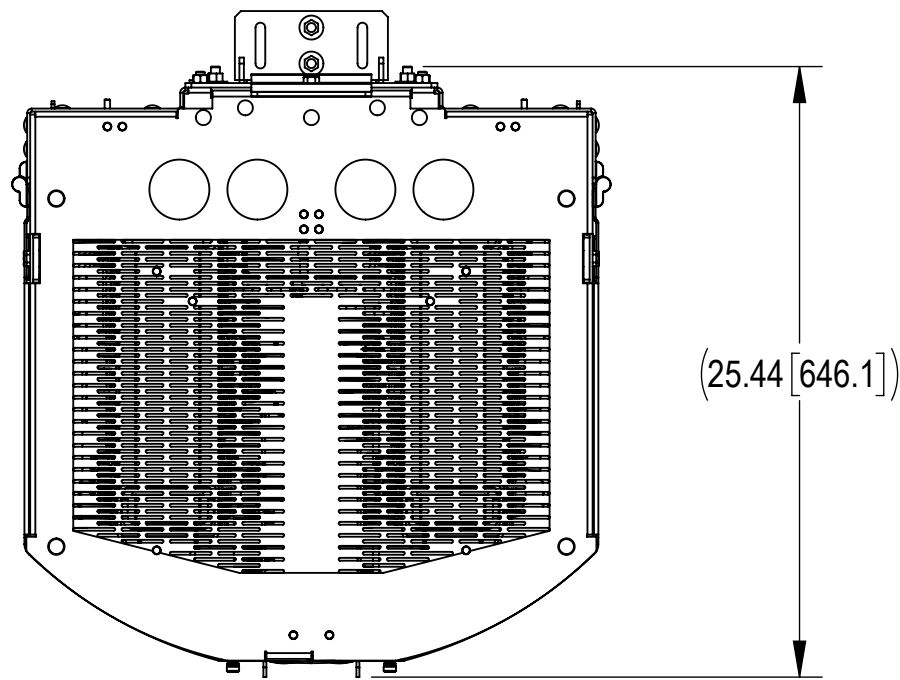
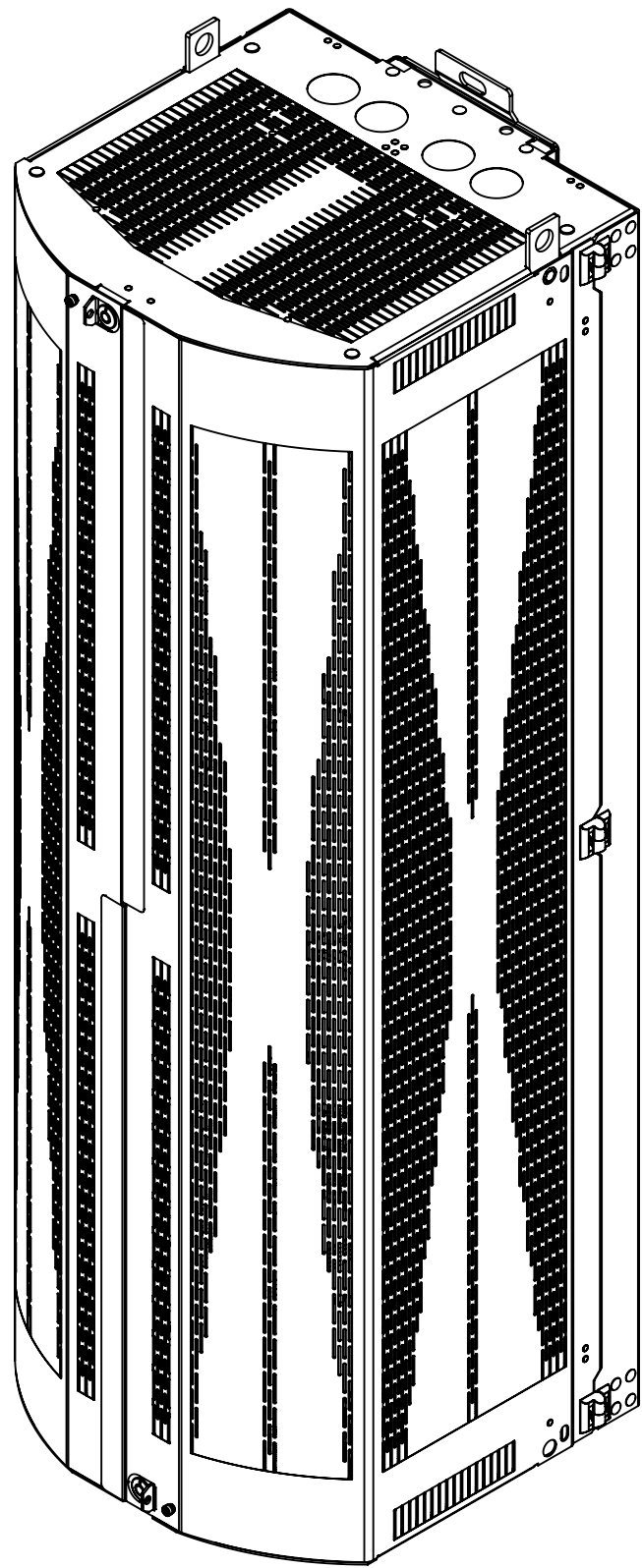


Installation Instructions



860252485-S002-INSTALL INSTALLATION INSTRUCTION

METRO BRKS SAM CONFIG 2 HCRE



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	MS1288 23APR26	LX1002 50107910AMO

This table show the evolution and history of document from initial to current version.

Further information regarding ANDREW's commitment can be found at <https://www.andrew.com/sustainability/>.
Visit our website or contact your local ANDREW representative for more information.
This product is covered by one or more U.S. patents or their foreign equivalents. For patents, see www.adwpat.com.

- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.X]
- 2.0 DESIGN NOTES
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN HARDWARE, TORQUE VALUE ARE SHOWN BELOW AS REFERENCE,
M6: TORQUE 40.0 IN-LB OR 4.5 N-M (W/ CLIP NUT)
M6: TORQUE 46.0 IN-LB OR 5.2 N-M (W/ THREADED CAST AL)
M6: TORQUE 75.0 IN-LB OR 8.5 N-M (W/ STEEL NUT)
M8: TORQUE 6.6 FT-LB OR 9.0 N-M (W/ THREADED CAST AL)
1/4-20: TORQUE 4.8 FT-LB OR 6.6 N-M
3/8-16: TORQUE 19.6 FT-LB OR 26.6 N-M
- 3.2 CONFIGURATIONS AND QUANTITY OF EQUIPMENTS IN INSTALLATION ARE LISTED ON TABLE.
- 3.3 EQUIPMENT INSTALLATION INSTRUCTION ON PAGE 3.

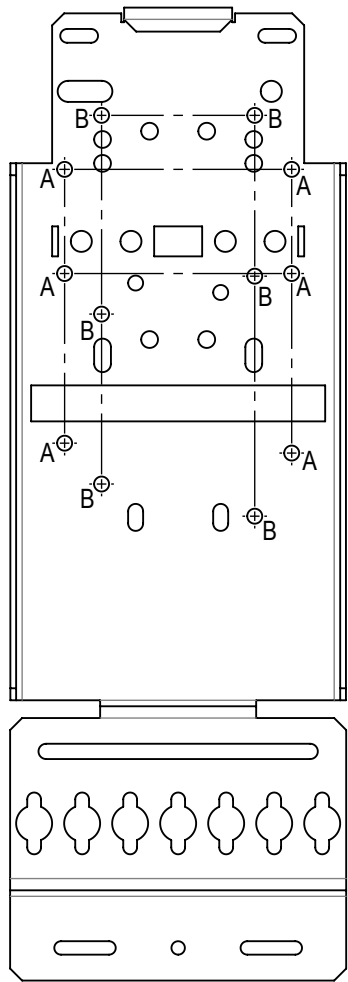
SAMSUNG CONFIGURATION		3.2 APPROVED SAMSUNG RADIO CONFIGURATIONS							
	SAMSUNG 700/850 ORAN (RF4461D)	SAMSUNG 160W DUALBAND (RF4402D-D1A)	SAMSUNG 320W 700/850 ORAN (RF4440D-13A)	SAMSUNG 320W PCS/AWS ORAN RU (RF4439D-25A)	DELTA 3.0kW RECTIFIER "ESR-4860E U-S" OR DELTA 2.0kW RECTIFIER "ESR-4838A"	SAMSUNG LAA RT2201-46A	SAMSUNG CBRS RT4401-48A OR RT4423-48A	SDX1926Q-43	RAYCAP
S02.01				2	2	1	1	1	1
S02.02			2		2	1	1	1	1
S02.03		2			2	1	1	1	1
S02.04		1		1	2	1	1	1	1
S02.05			1	1	2	1	1	1	1
S02.06		1	1		2	1	1	1	1
S02.07	2				2	1	1	1	1
S02.08	1			1	2	1	1	1	1
S02.09	1	1			2	1	1	1	1

Installation Instructions

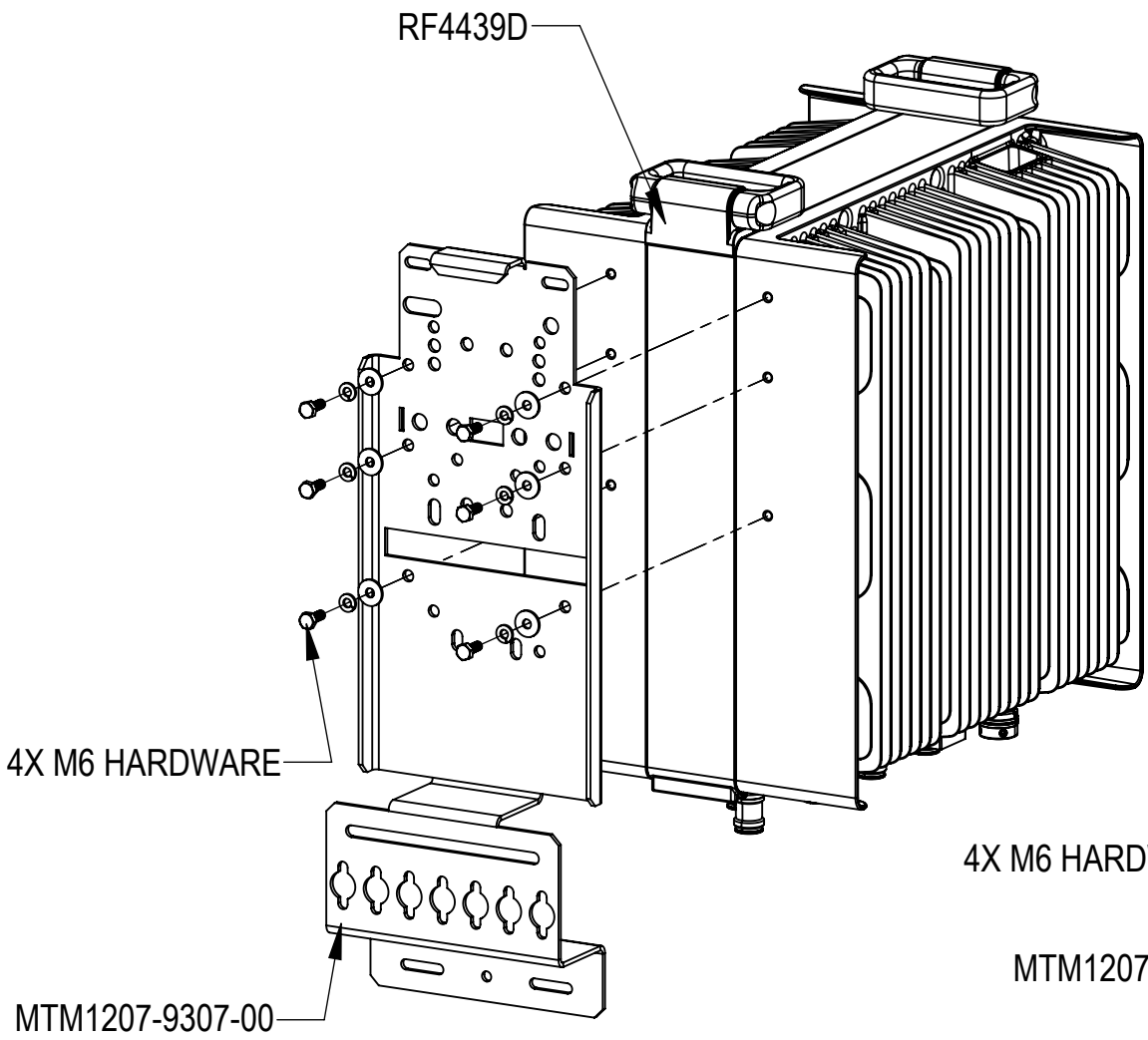


EQUIPMENT MOUNTING INSTALLATION

RADIO INSTALLATION HCRE MOUNTING BRACKET MTM1207-9307-00

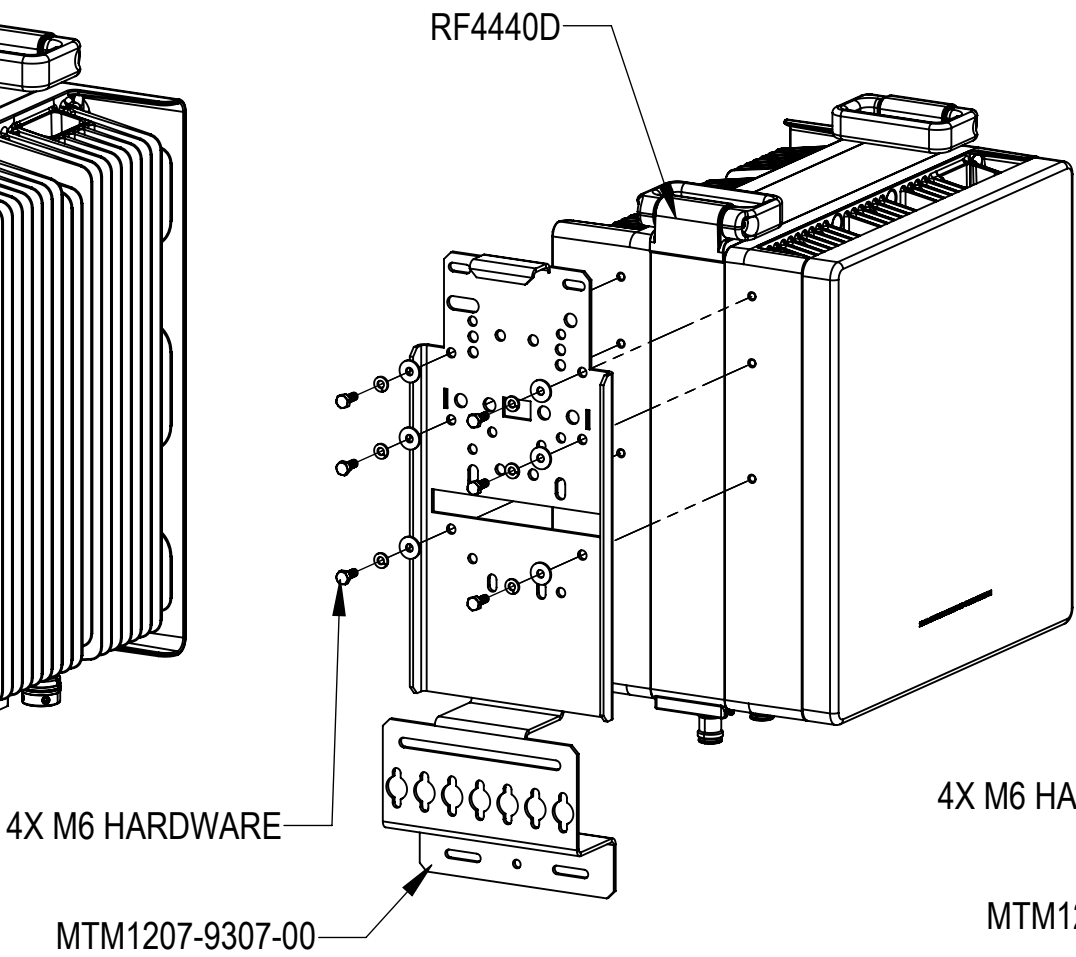


"A": RF4439D, RF4440D, RF4461D
"B": RF4402D



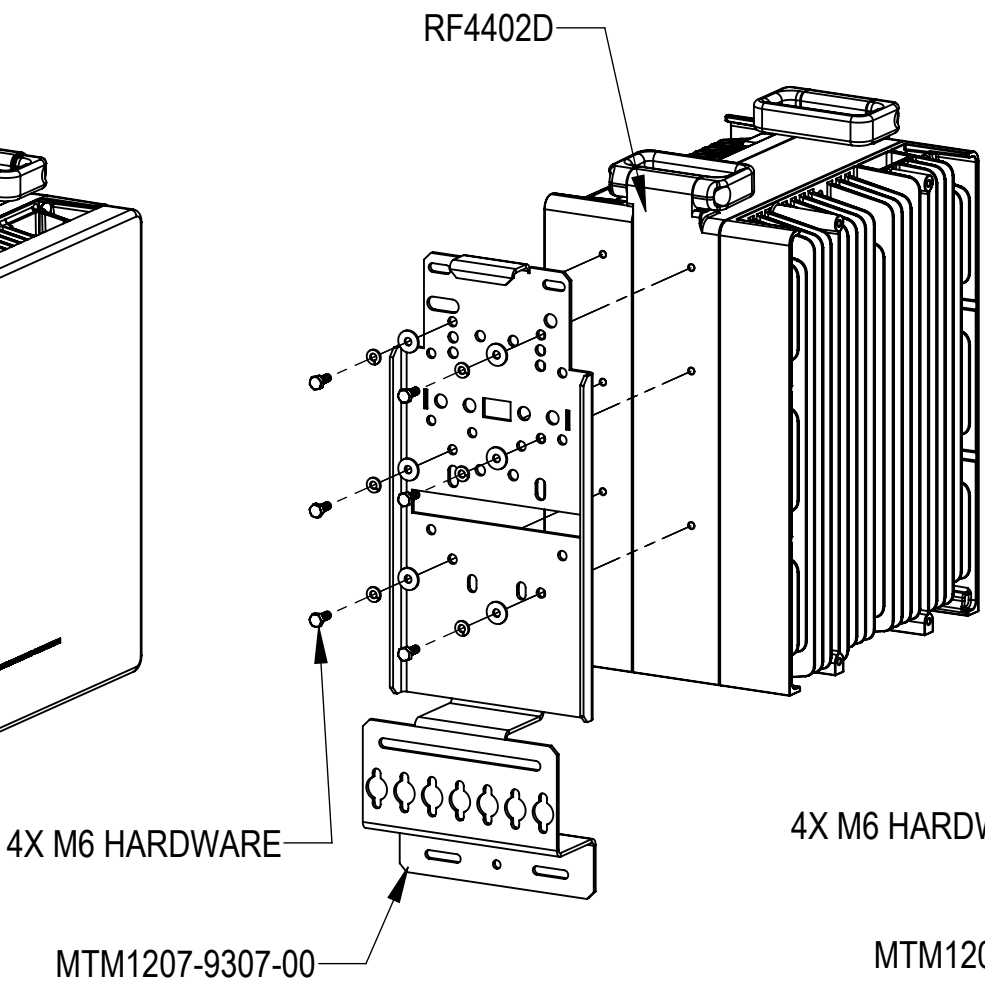
RF4439D:

INSTALL RF4439D TO THE BRACKET MTM1207-9307-00 USING 6 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN



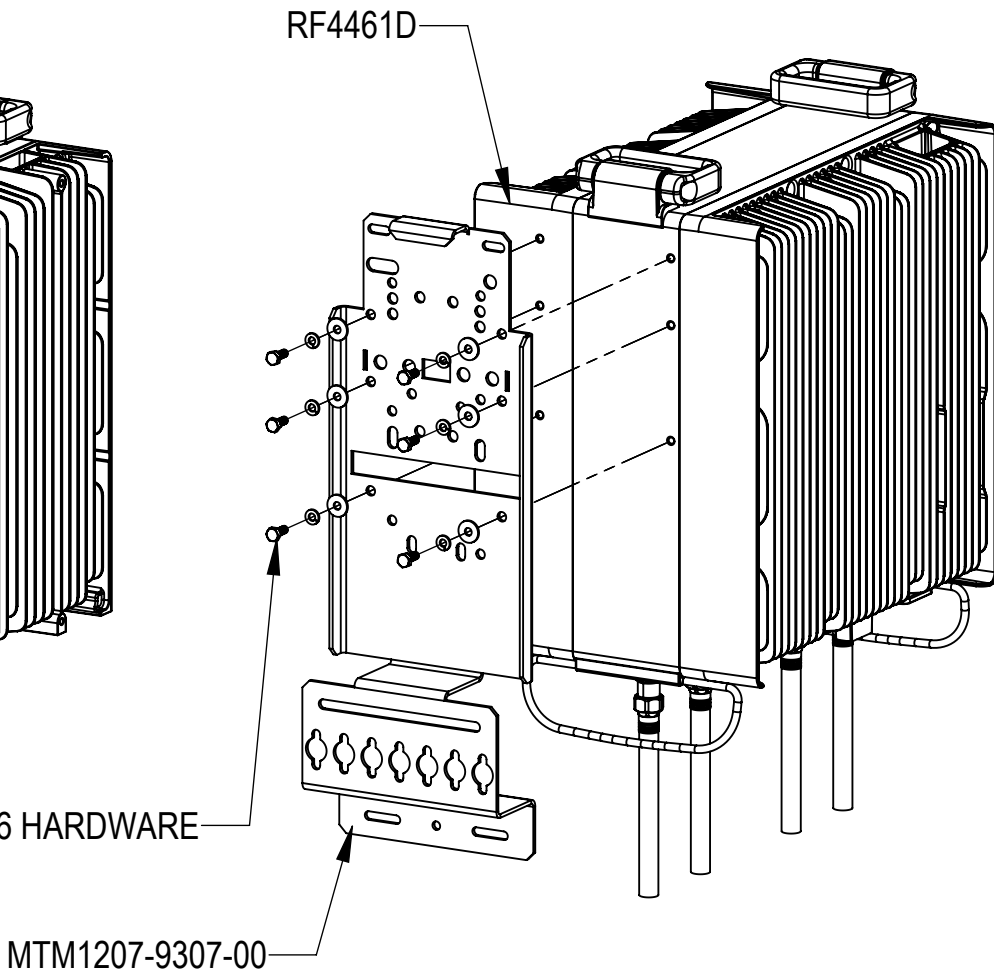
RF4440D:

INSTALL RF4440D TO THE BRACKET MTM1207-9307-00 USING 6 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN



RF4402D:

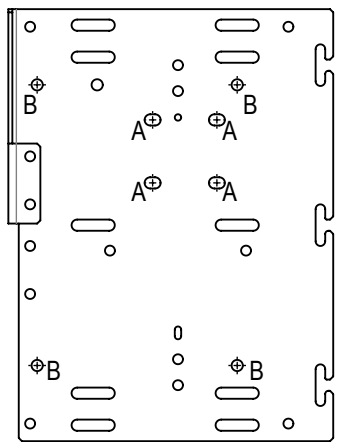
INSTALL RF4402D TO THE BRACKET MTM1207-9307-00 USING 6 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN



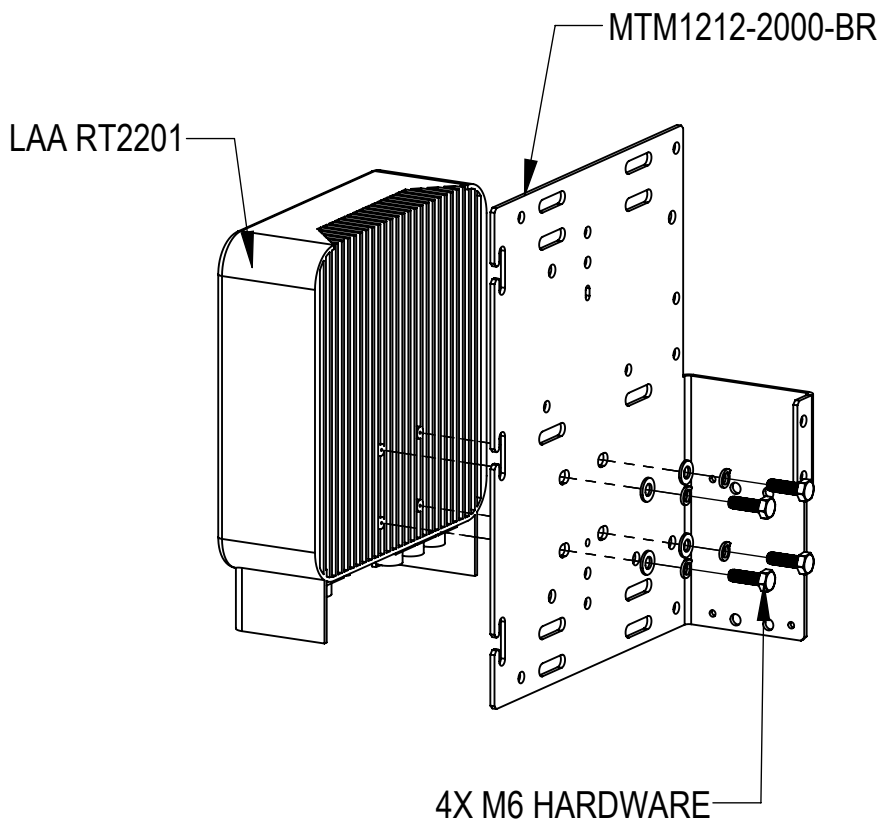
RF4461D:

INSTALL RF4461D TO THE BRACKET MTM1207-9307-00 USING 6 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

RADIO INSTALLATION HCRE MOUNTING BRACKET MTM1212-2000-BR

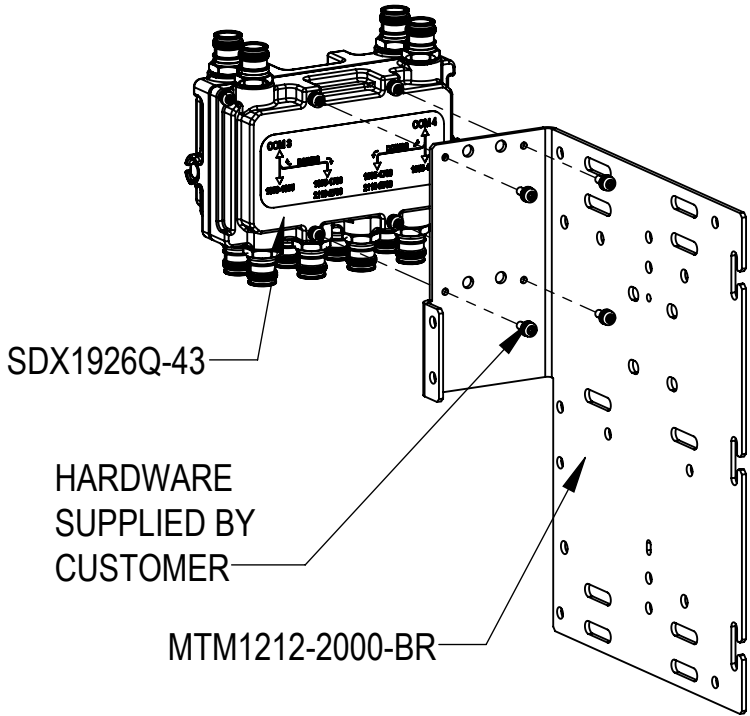


"A": LAA RT2201
"B": RAYCAP



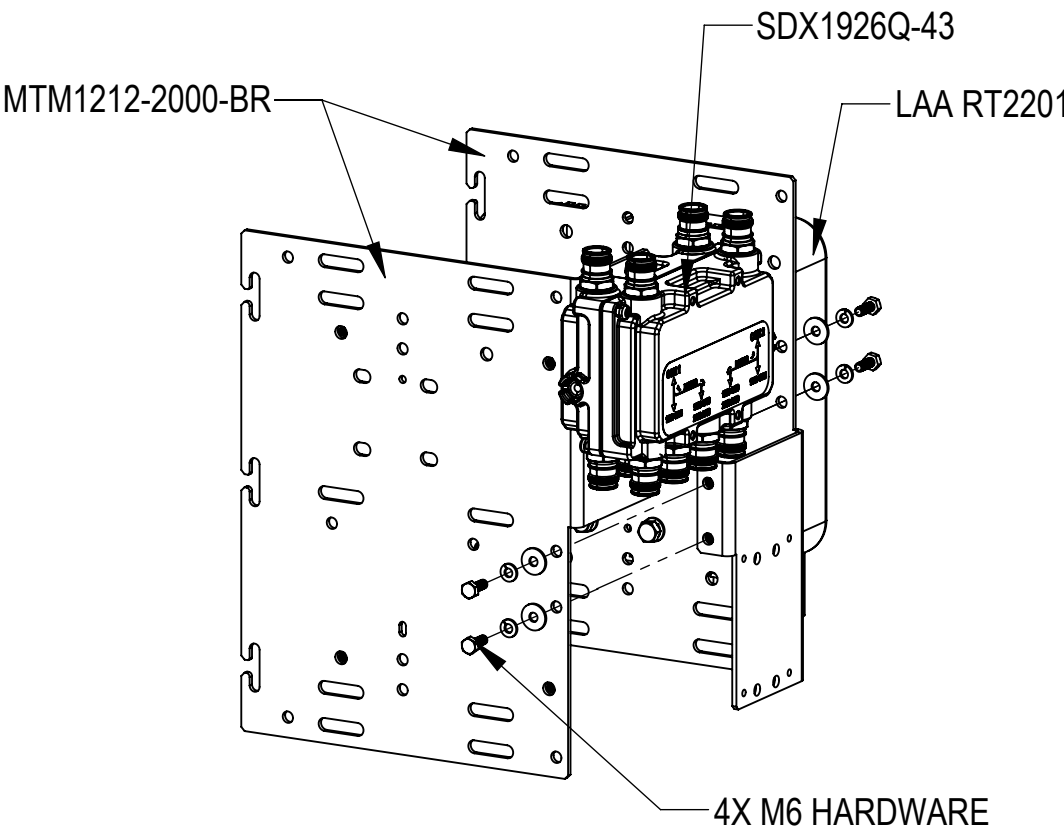
LAA RT2201:

INSTALL LAA RT2201 TO THE BRACKET MTM1212-2000-BR USING 4 SETS OF M6 HEX BOLT, LOCK AND FLAT WASHER AS SHOWN



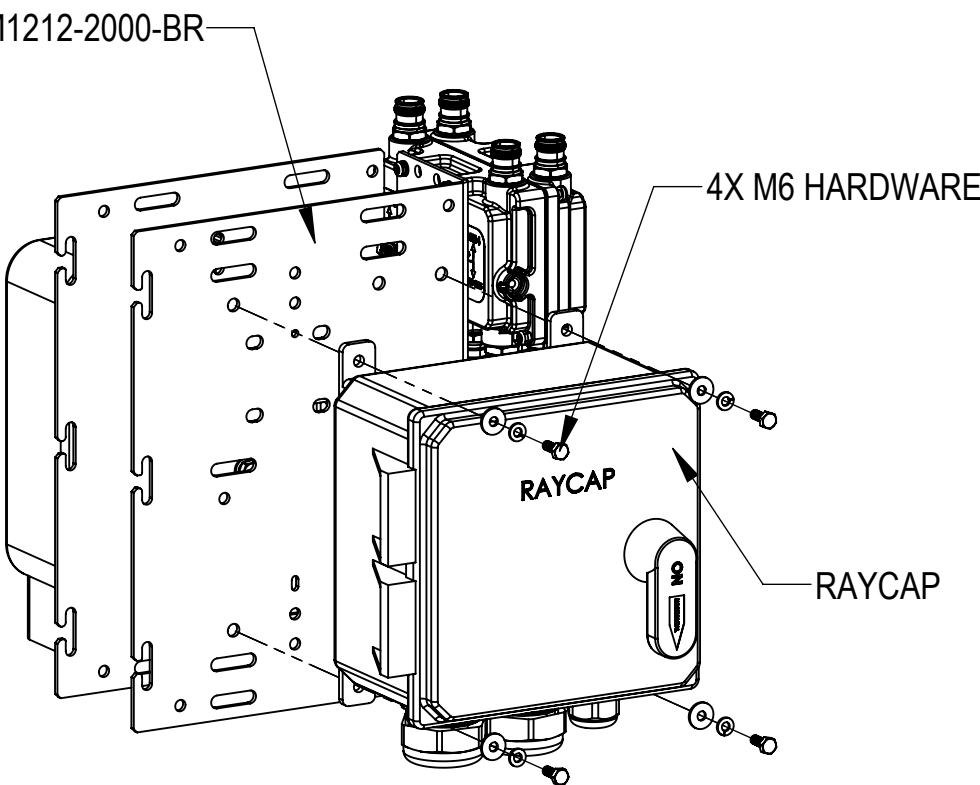
SDX1926Q-43:

INSTALL SDX1926Q-43 TO THE BRACKET MTM1212-2000-BR USING 4 SETS OF M5 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN



BRACKETS MTM1212-2000-BR:

INSTALL LAA RT2201 SUB-ASSEMBLY TO SDX1926Q-43 SUB-ASSEMBLY USING 4 SETS OF M6 HEX BOLT, LOCK WASHER, FLAT WASHER & NUT AS SHOWN



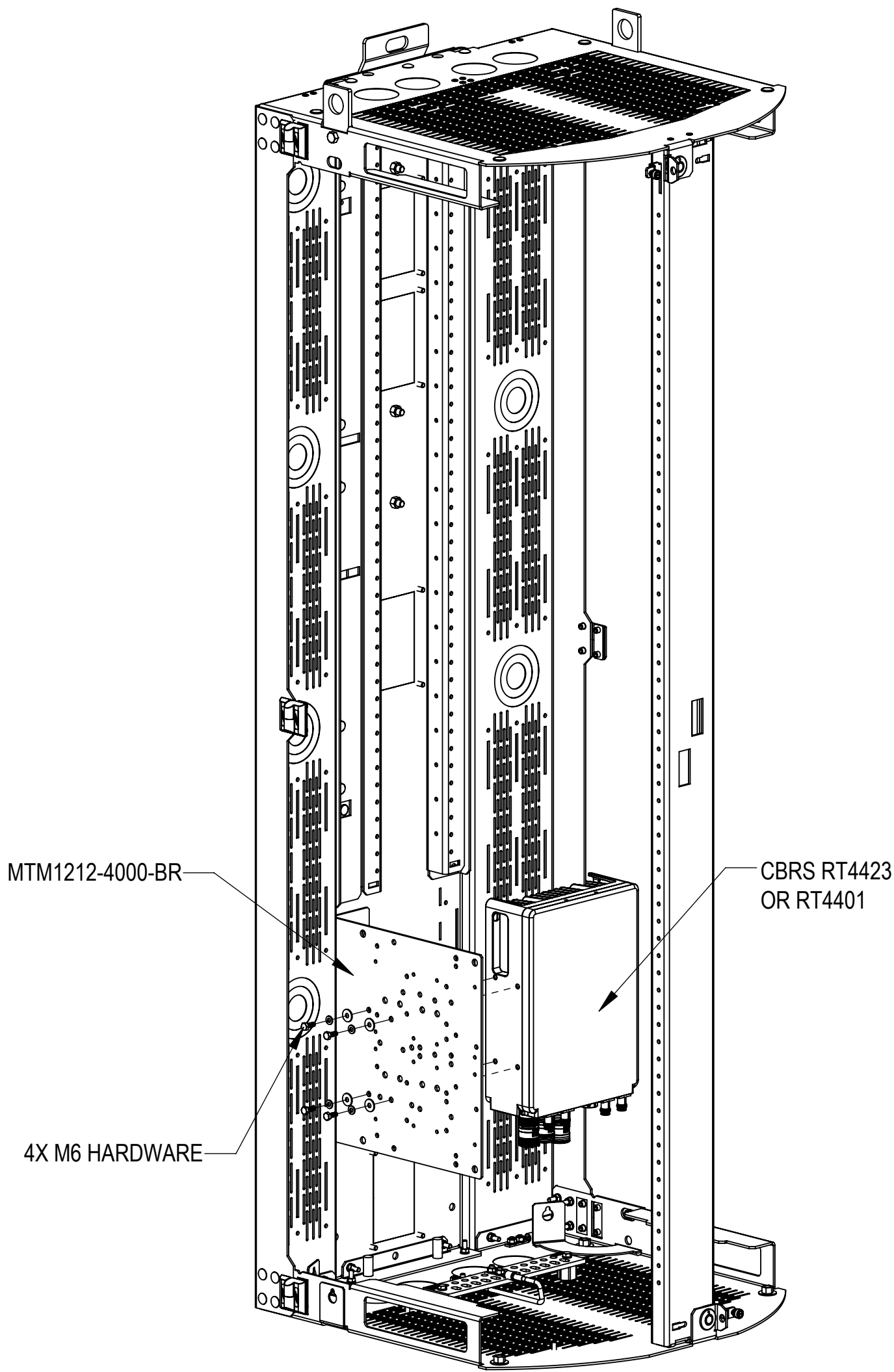
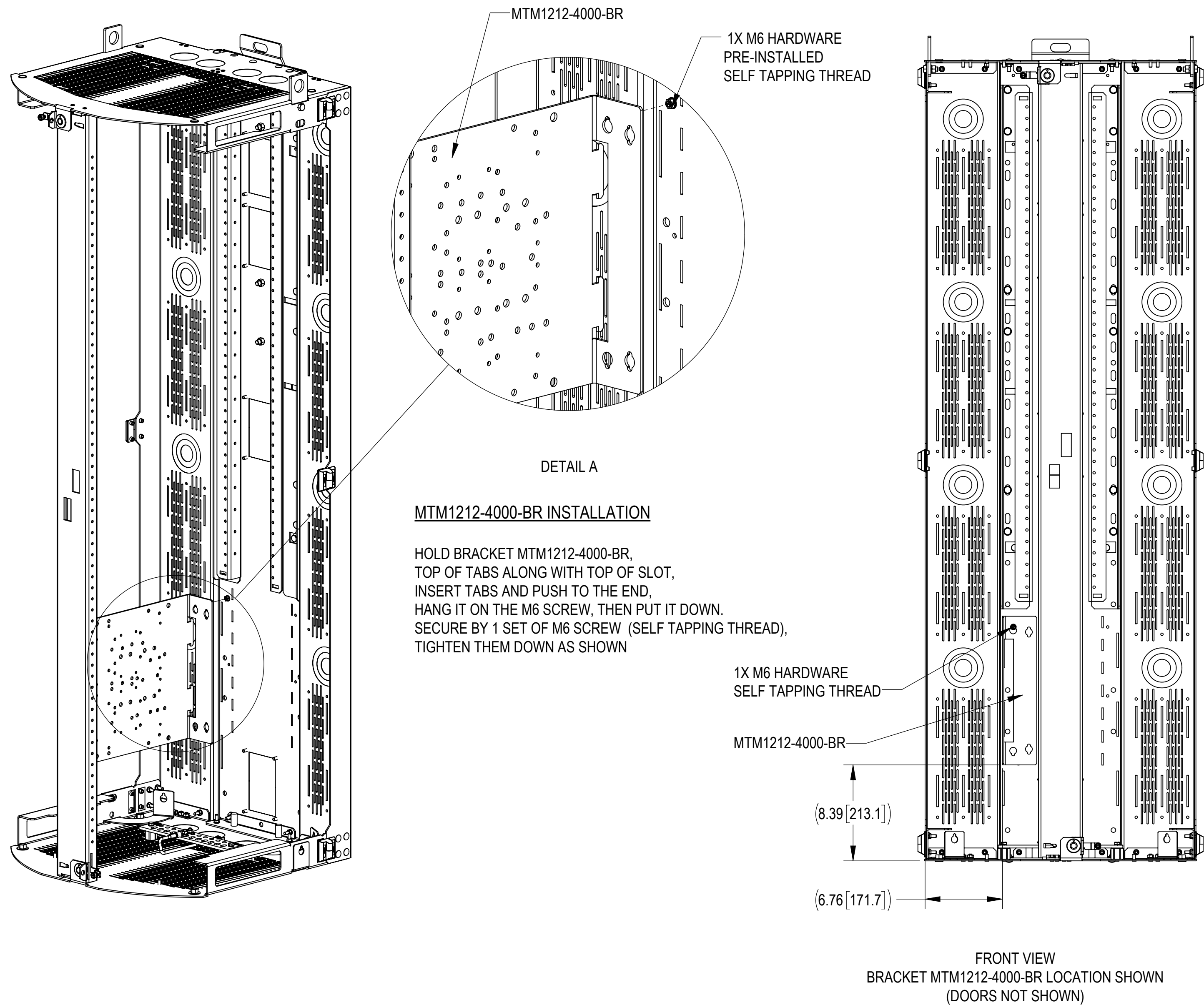
RAYCAP:

INSTALL RAYCAP TO THE BRACKET MTM1212-2000-BR USING 4 SETS OF M6 HEX BOLT, LOCK WASHER, FLAT WASHER AND NUT AS SHOWN

Installation Instructions



CBRS RT4423 OR RT4401 INSTALLATION



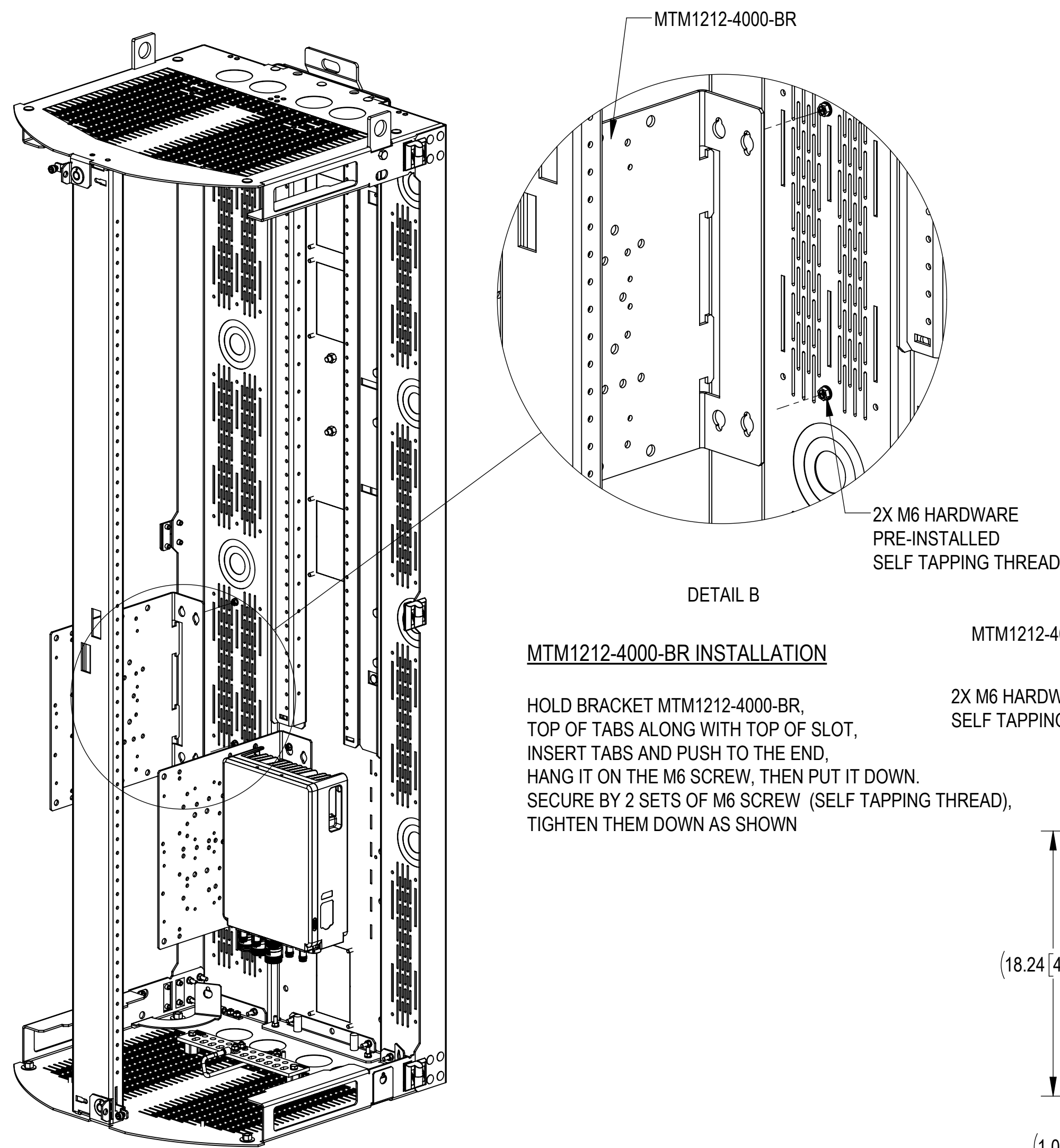
CBRS RT4423 OR RT4401 INSTALLATION

INSTALL CBRS RT4423 OR RT4401 TO BRACKET MTM1212-4000-BR USING 4
SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

Installation Instructions



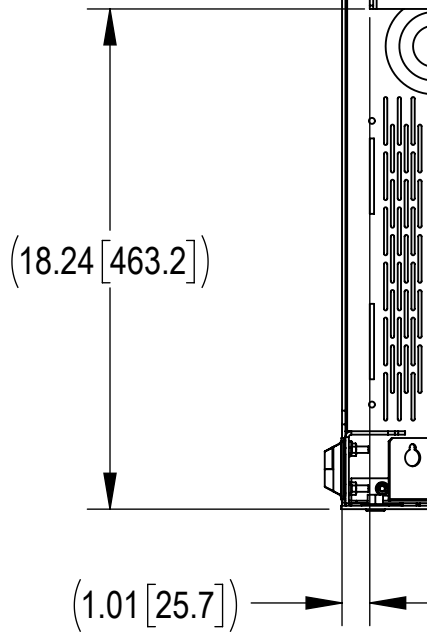
PSU DELTA 3.0 KW OR DELTA 2.0 KW INSTALLATION



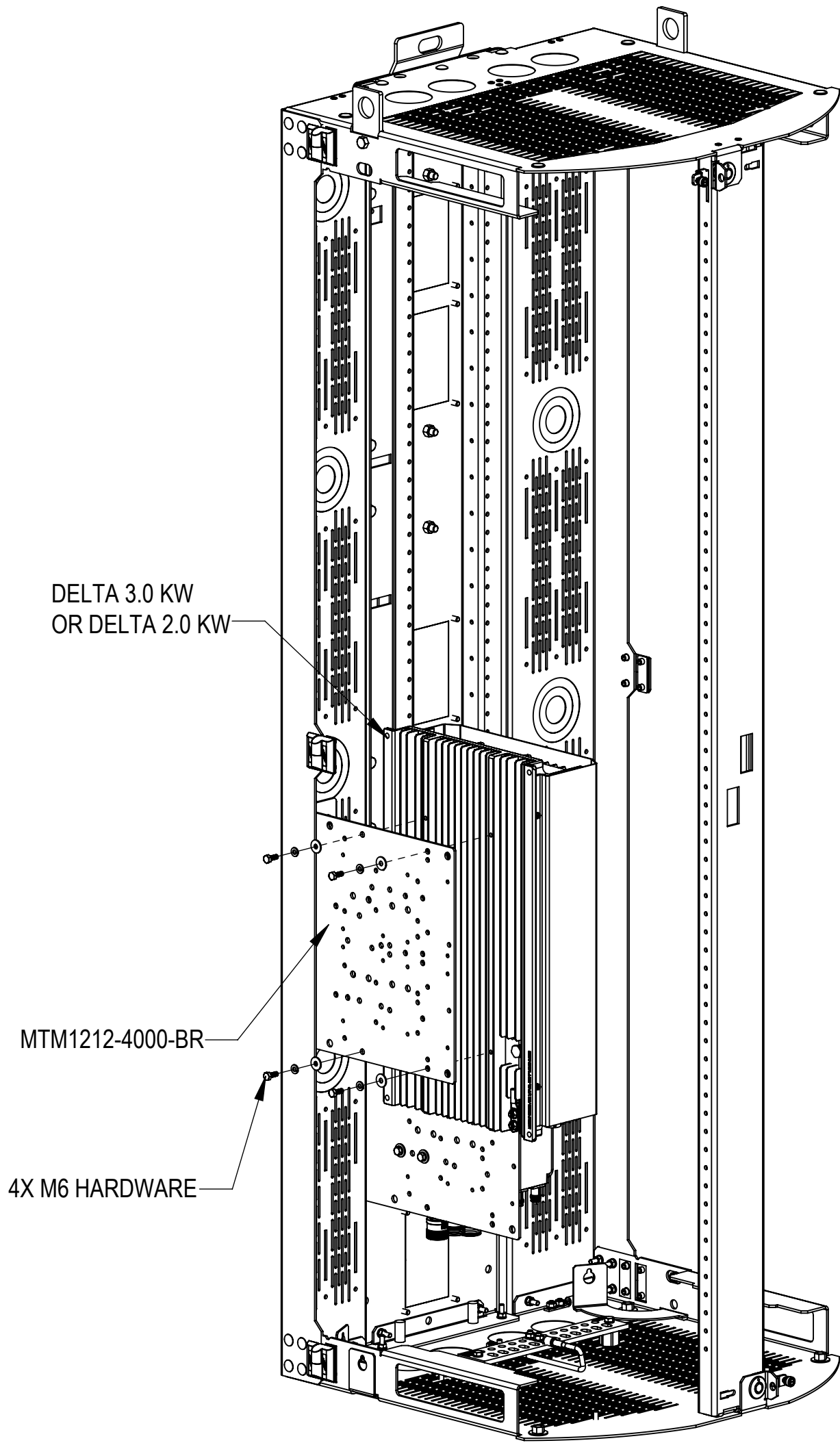
MTM1212-4000-BR INSTALLATION

HOLD BRACKET MTM1212-4000-BR, TOP OF TABS ALONG WITH TOP OF SLOT, INSERT TABS AND PUSH TO THE END, HANG IT ON THE M6 SCREW, THEN PUT IT DOWN. SECURE BY 2 SETS OF M6 SCREW (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

MTM1212-4000-BR
2X M6 HARDWARE
SELF TAPPING THREAD



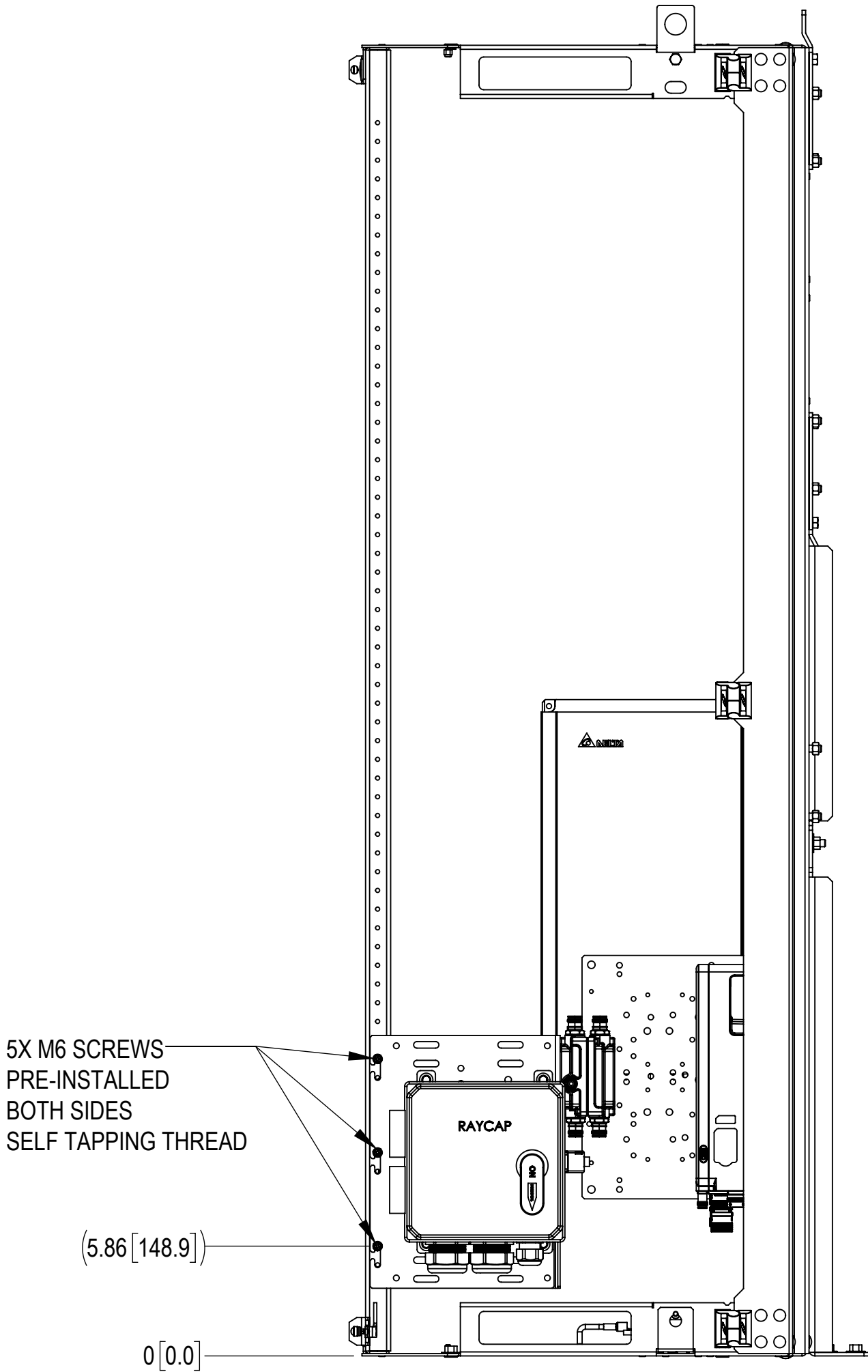
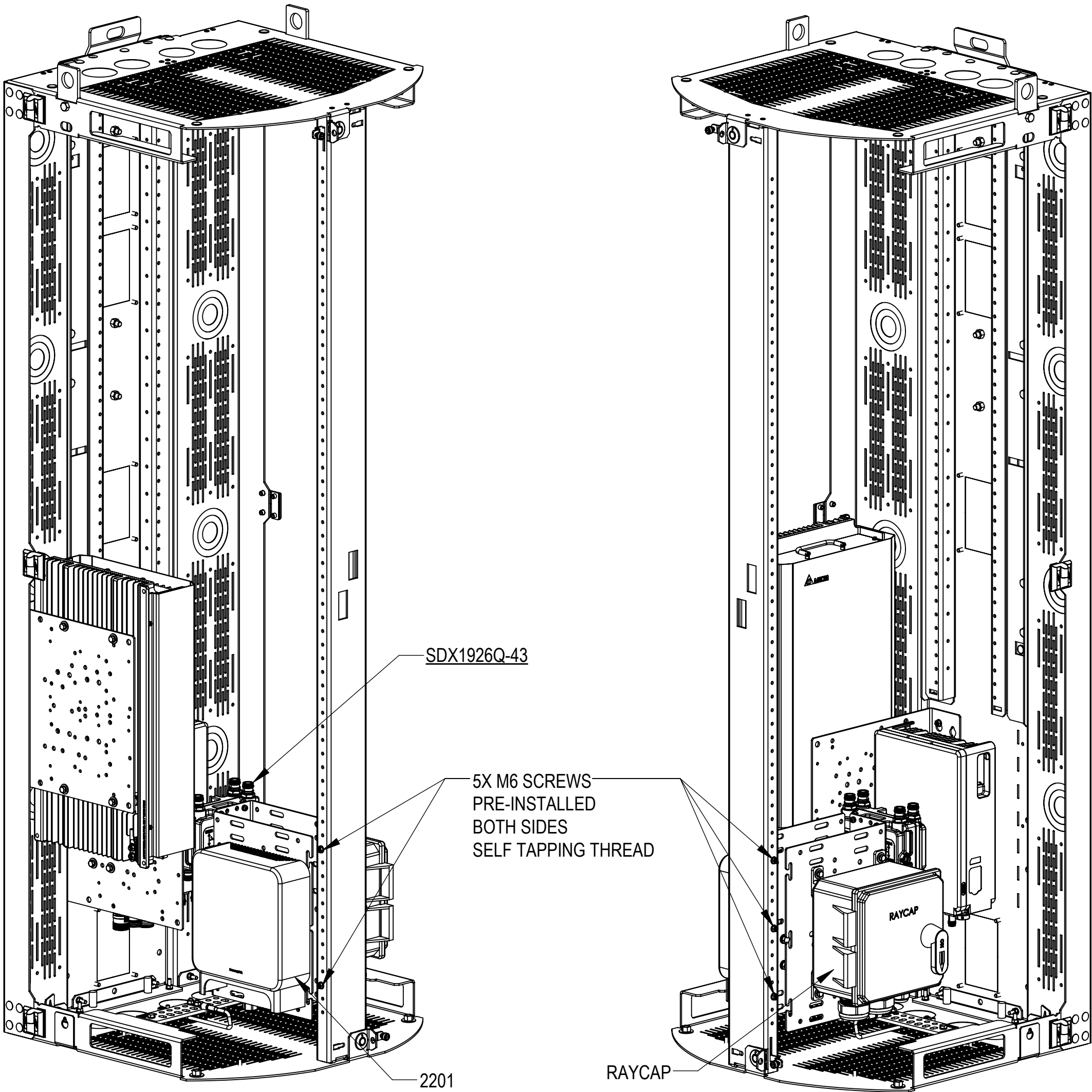
FRONT VIEW
BRACKET MTM1212-4000-BR LOCATION SHOWN
(DOORS NOT SHOWN)



DELTA 3.0 KW OR DELTA 2.0 KW INSTALLATION

INSTALL DELTA 3.0 KW OR DELTA 2.0 KW TO BRACKET MTM1212-4000-BR USING 4 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

LAA RT2201, RAYCAP AND SDX1926Q-43 INSTALLATION



LAA RT2201, RAYCAP & SDX1926Q-43 SUB-ASSEMBLY INSTALLATION

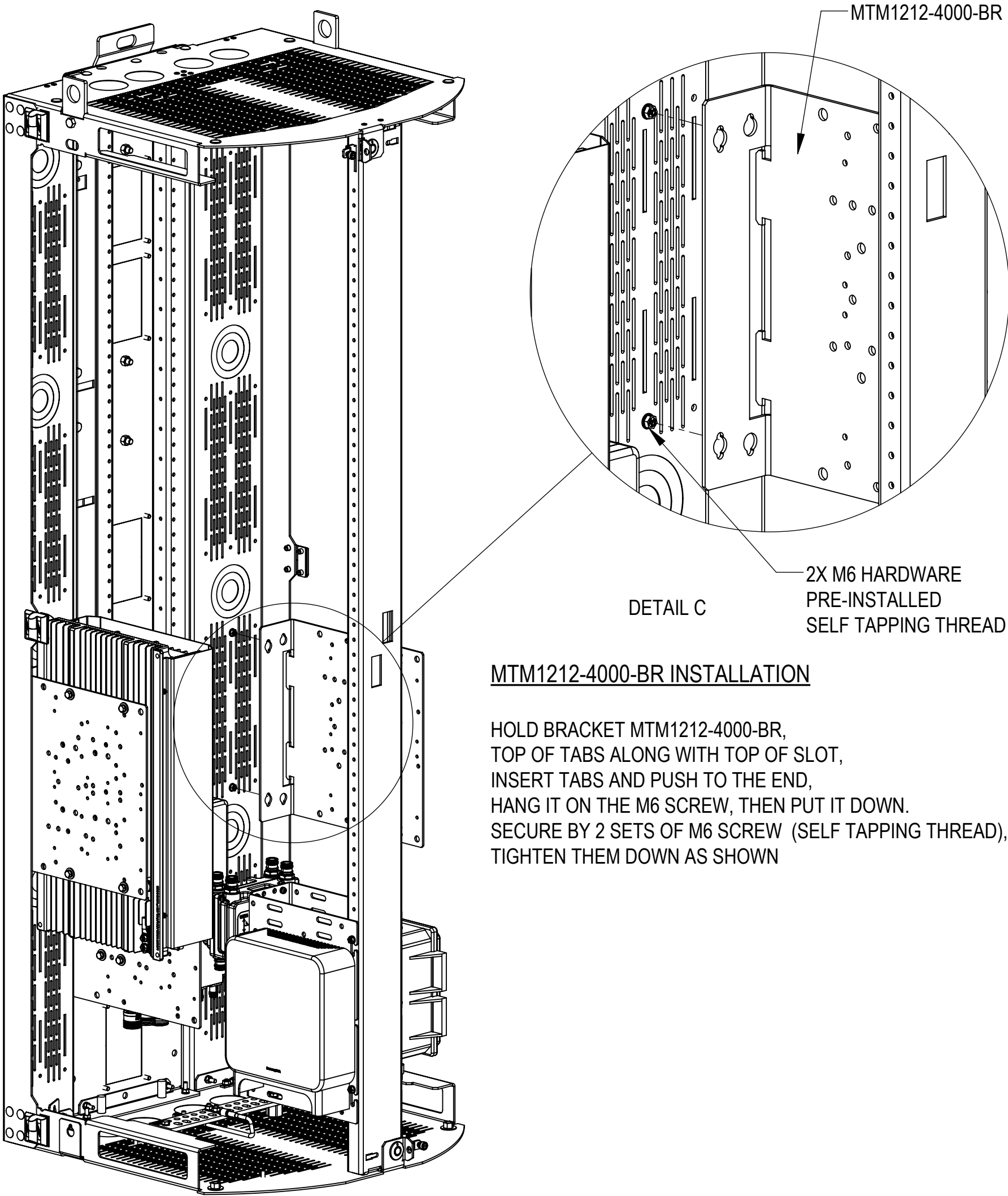
HANG LAA RT2201, RAYCAP & SDX1926Q-43 SUB-ASSEMBLY ON THE M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

RIGHT VIEW
M6 SCREWS LOCATION SHOWN
(DOORS NOT SHOWN)

Installation Instructions

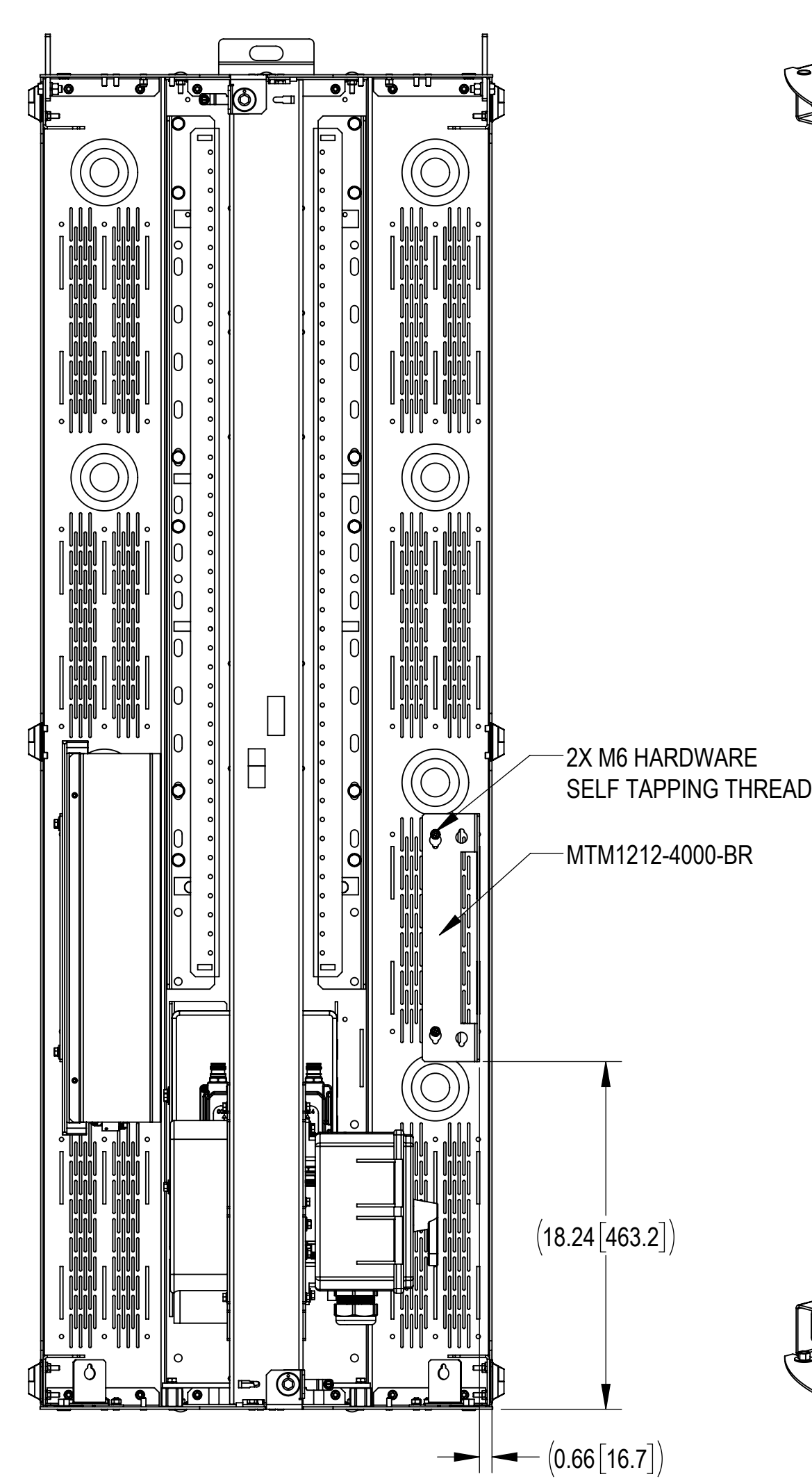


PSU DELTA 3.0 KW OR DELTA 2.0 KW INSTALLATION

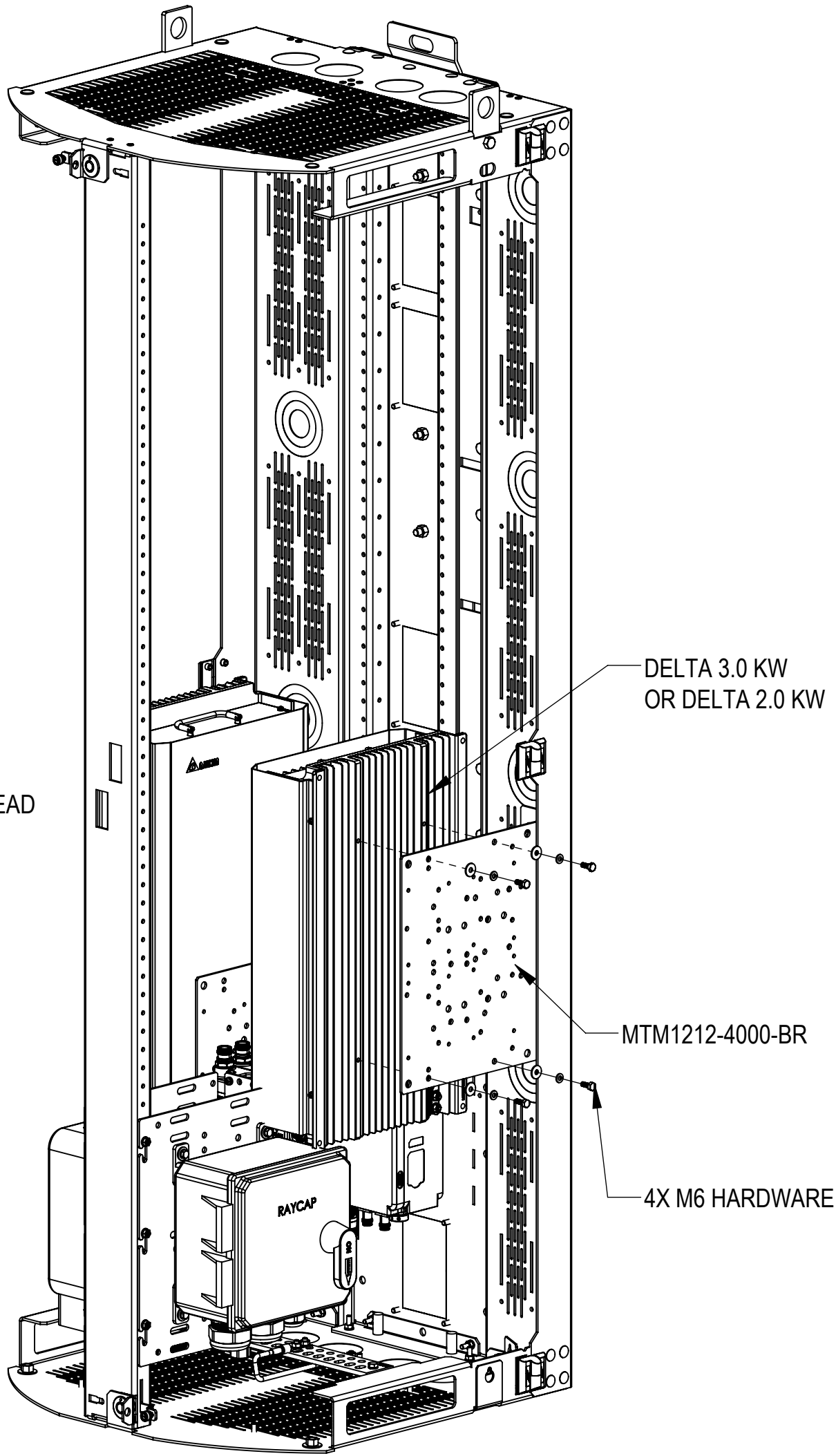


MTM1212-4000-BR INSTALLATION

HOLD BRACKET MTM1212-4000-BR, TOP OF TABS ALONG WITH TOP OF SLOT, INSERT TABS AND PUSH TO THE END, HANG IT ON THE M6 SCREW, THEN PUT IT DOWN. SECURE BY 2 SETS OF M6 SCREW (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



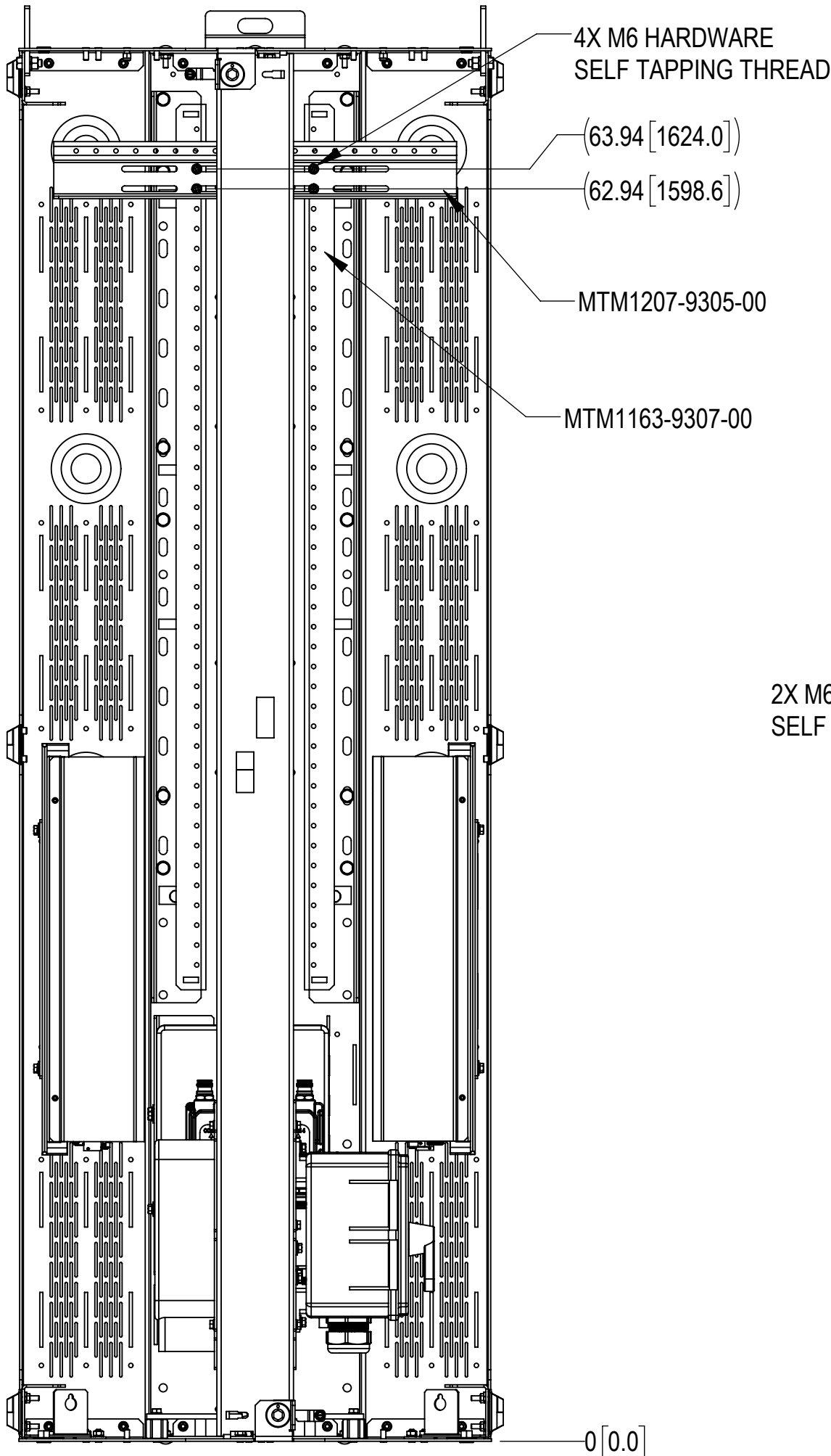
FRONT VIEW
BRACKET MTM1212-4000-BR LOCATION SHOWN
(DOORS NOT SHOWN)



DELTA 3.0 KW OR DELTA 2.0 KW INSTALLATION

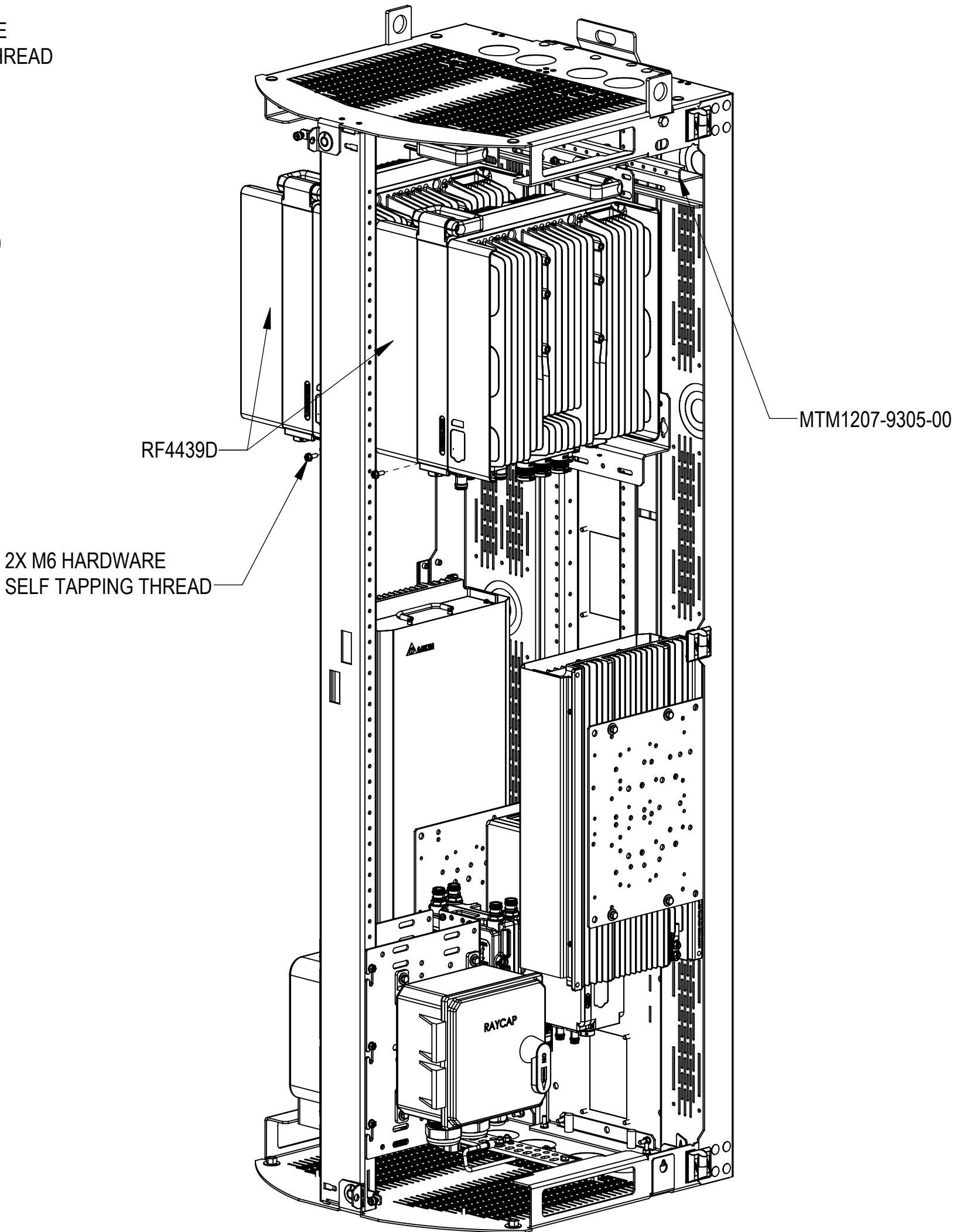
INSTALL DELTA 3.0 KW OR DELTA 2.0 KW TO BRACKET MTM1212-4000-BR USING 4 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

RF4439D INSTALLATION



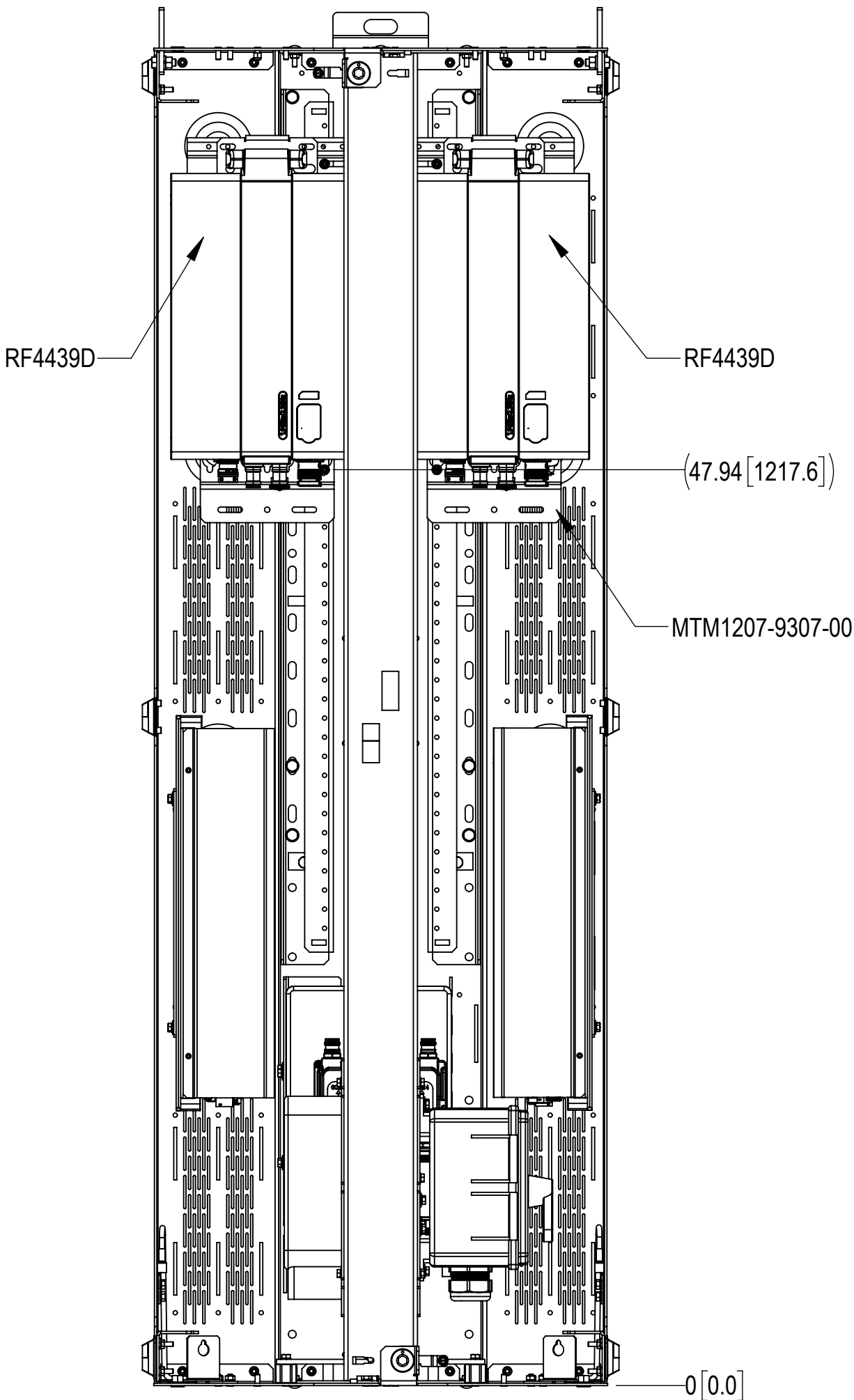
MTM1207-9305-00 INSTALLATION

INSTALL THE BRACKET MTM1207-9305-00 TO MTM1163-9307-00 USING 4 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



RF4439D INSTALLATION

HANG 2 SETS OF RF4439D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY 2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

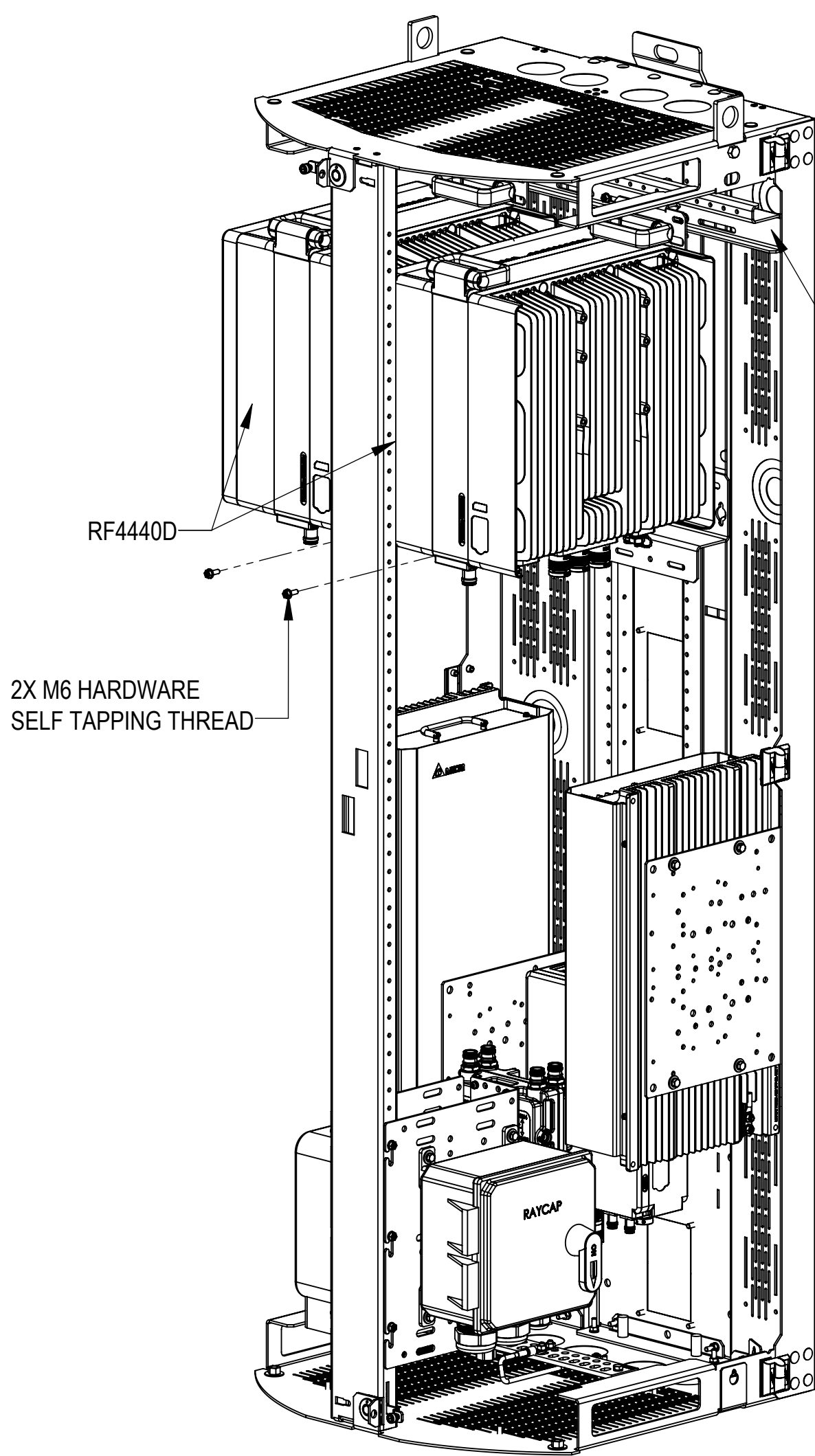


FRONT VIEW
BRACKETS MTM1207-9307-00 LOCATION SHOWN
FOR CONFIGS S02.01-S02.09
(DOORS NOT SHOWN)

Installation Instructions

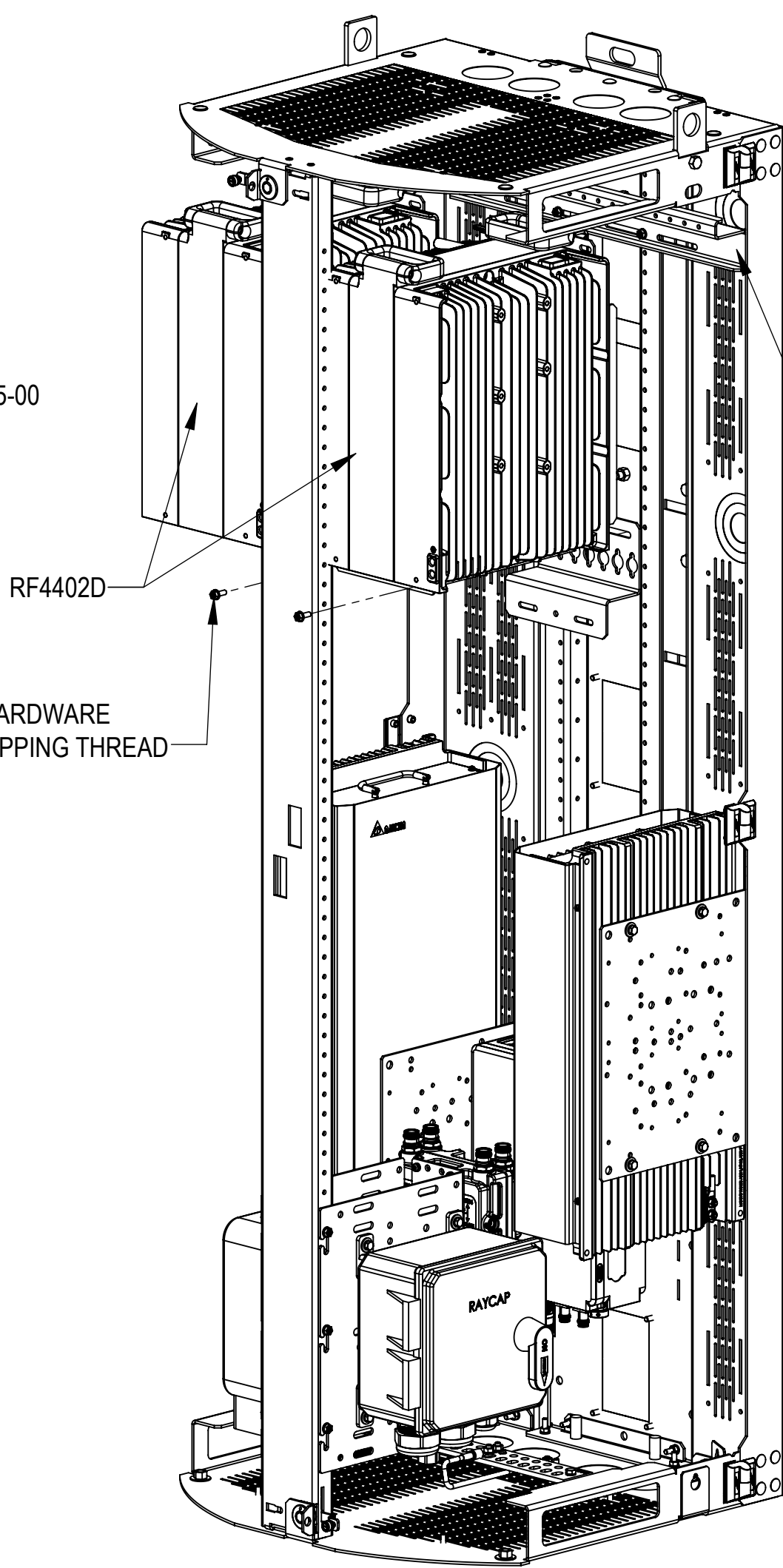


RF4440D, RF4402D & RF4461D INSTALLATION



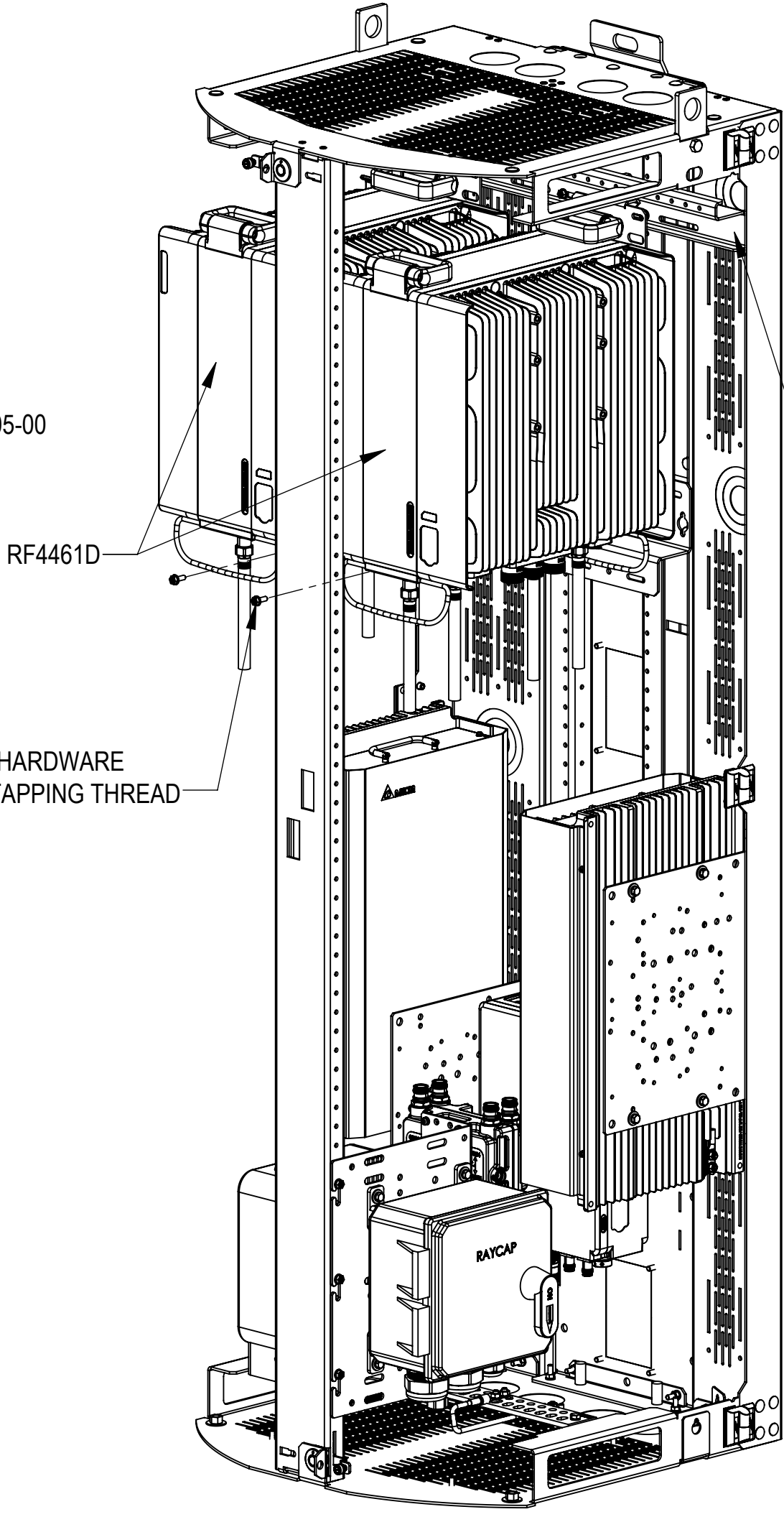
RF4439D INSTALLATION

HANG 2 SETS OF RF4439D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY 2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



RF4402D INSTALLATION

HANG 2 SETS OF RF4402D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY 2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



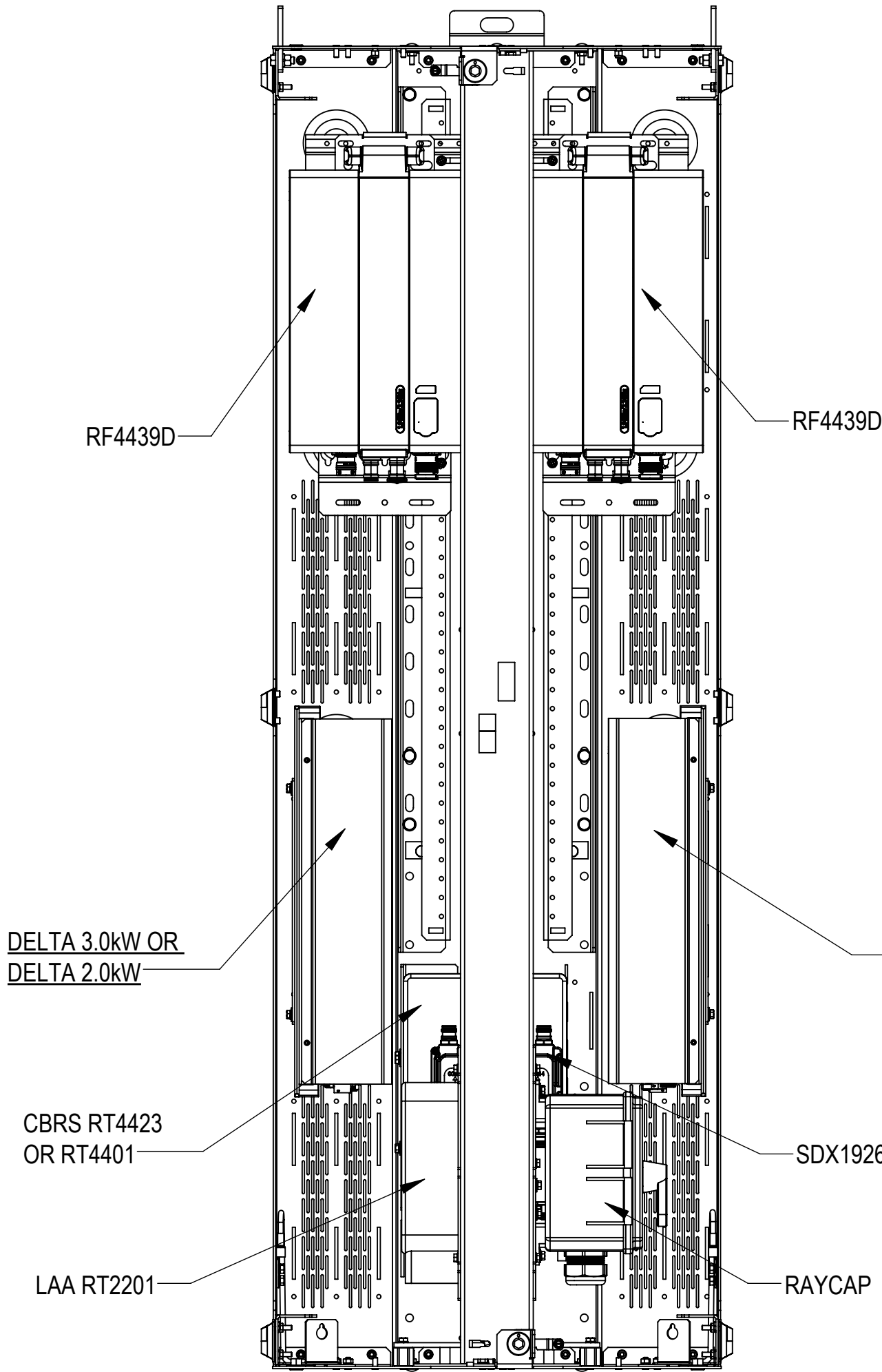
RF4461D INSTALLATION

HANG 2 SETS OF RF4461D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY 2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

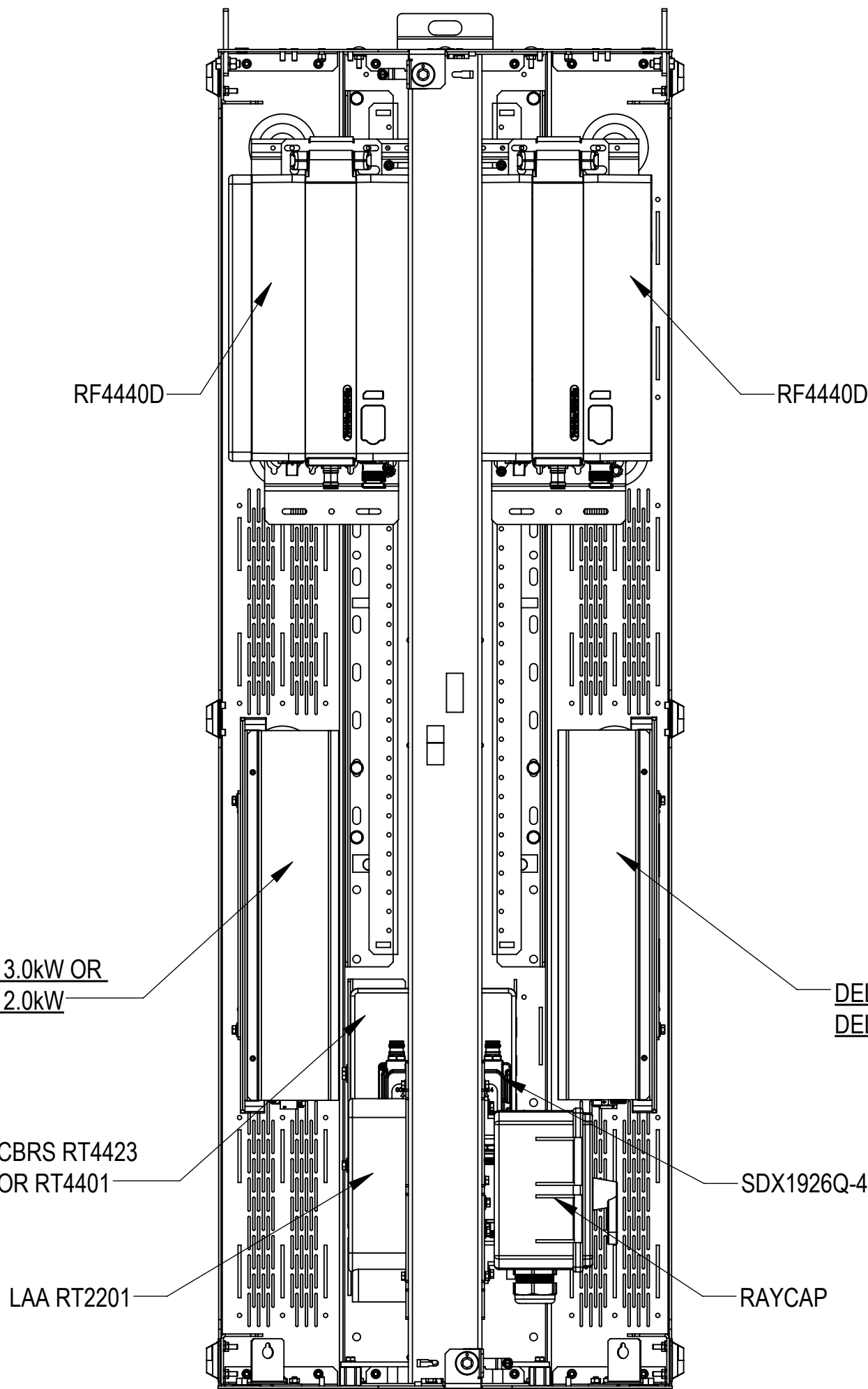
Installation Instructions



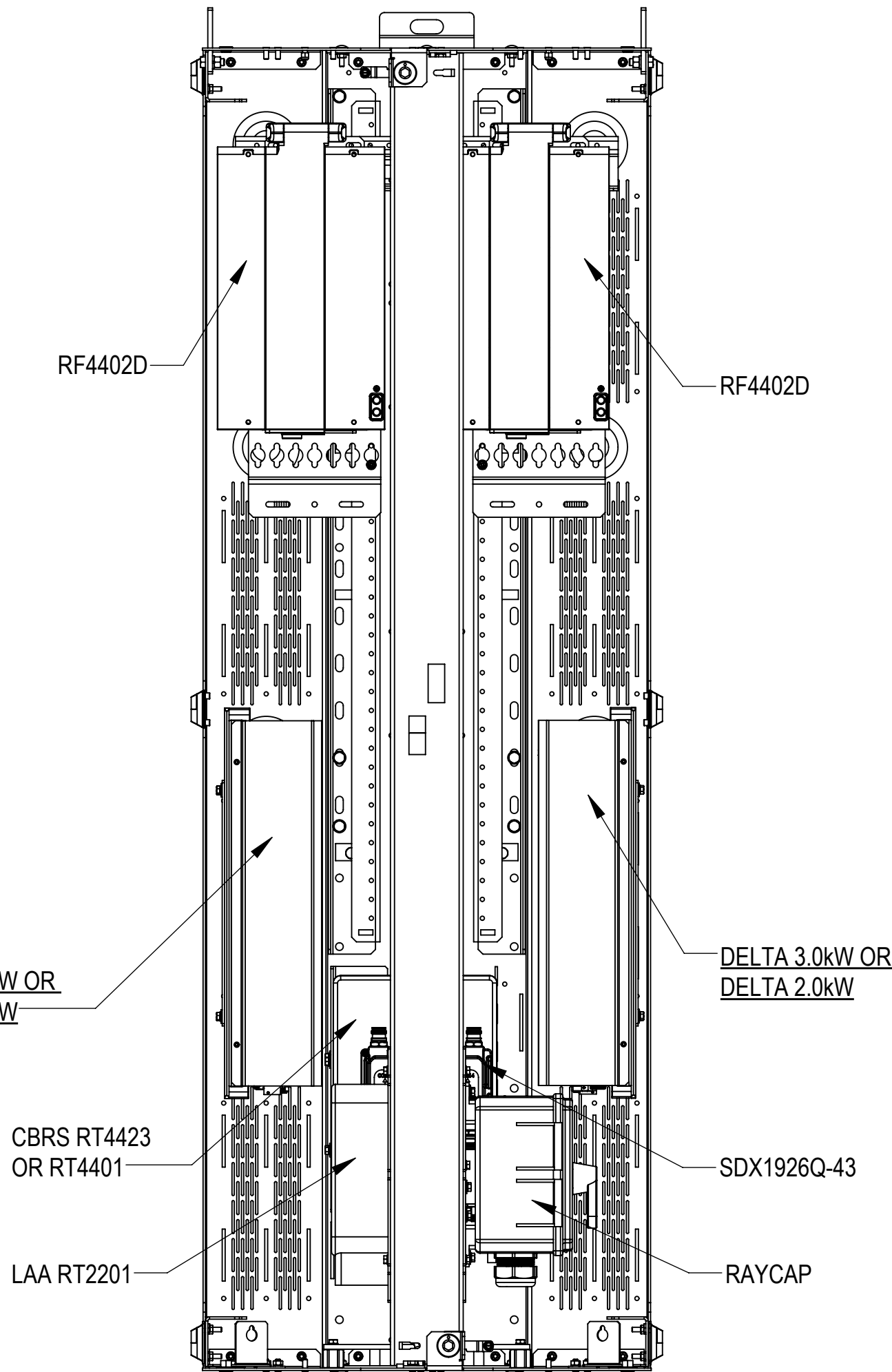
- S2.01- RF4439D (QTY 2), DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRS RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP
- S2.02- RF4440D (QTY 2), DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRS RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP
- S2.03- RF4402D (QTY 2), DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRS RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP



S02.01 CONFIG
FRONT VIEW
(DOORS NOT SHOWN FOR CLARITY)



S02.02 CONFIG
FRONT VIEW
(DOORS NOT SHOWN FOR CLARITY)



S02.03 CONFIG
FRONT VIEW
(DOORS NOT SHOWN FOR CLARITY)

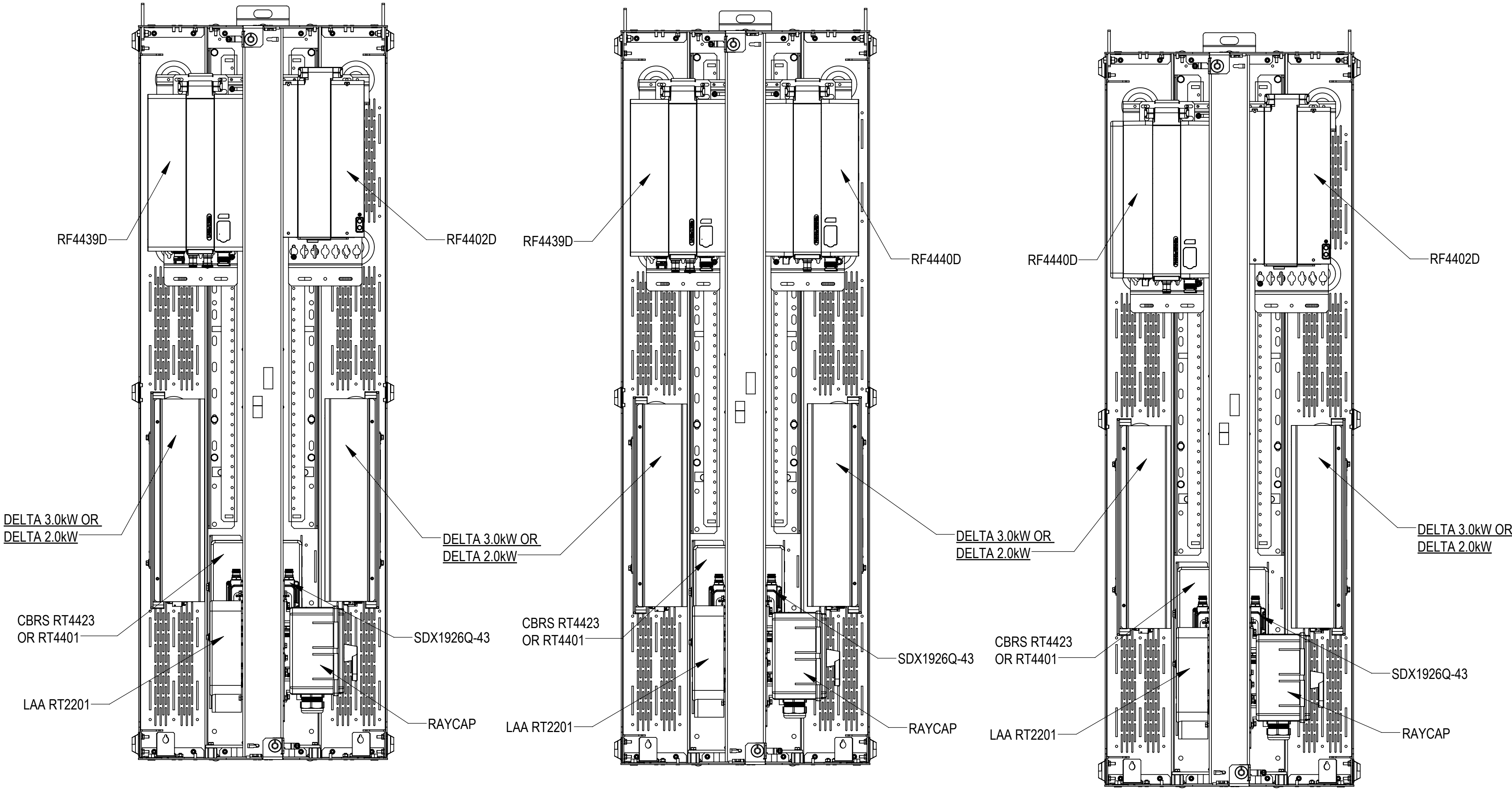
Installation Instructions



S2.04- RF4439D, RF4402D, DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRS RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP

S2.05- RF4439D, RF4440D, DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRS RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP

S2.06- RF4440D, RF4402D, DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRS RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP



S02.04 CONFIG
FRONT VIEW
(DOORS NOT SHOWN FOR CLARITY)

S02.05 CONFIG
FRONT VIEW
(DOORS NOT SHOWN FOR CLARITY)

S02.06 CONFIG
FRONT VIEW
(DOORS NOT SHOWN FOR CLARITY)

Installation Instructions



S2.07- RF4461D (QTY 2), DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRs RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP

S2.08- RF4461D, RF4439D, DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRs RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP

S2.09- RF4461D, RF4402D, DELTA 3.0kW OR DELTA 2.0kW (QTY 2), LAA RT2201, CBRs RT4423 OR RT4401, SDX1926Q-43 AND RAYCAP

