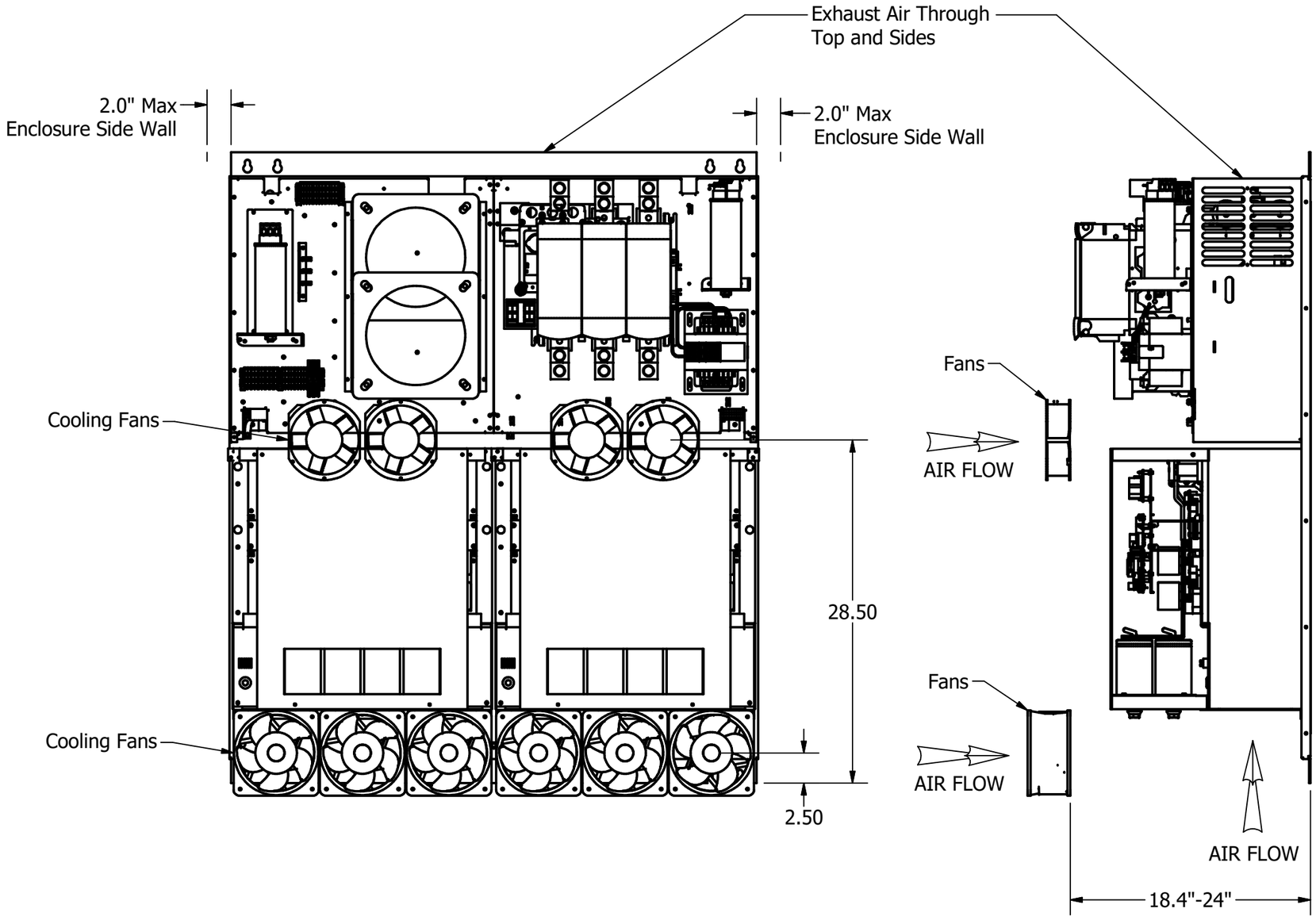

Notes:

1) Locate the air outlet in the top of the enclosure or in the upper 5% of the sides, with approx. Total area of 474 sq. inches.
2) Locate the air inlet in the bottom of the enclosure or in the lower 5% of the sides, with approx. total area of 436 sq. inches.
3) Depending on the efficiency of the bottom ventilation the lower fans may not be necessary.
4) Locate the air inlet for the upper fans directly in front of the fans, with approx. total area of 84 sq. inches.
5) Additional venting may be needed depending on air vent and enclosure configuration.
6) Minimum air flow per fan for upper fans is 235 CFM at 0.2 inches of H2O. The minimum air flow per fan for the lower fans is 400 CFM at 0.2 inches of H20.
7) Maximum side wall spacing is 2 inches.
8) Chassis needs to be mounted vertically.
9) Chassis is rated for 40°C ambient.
10) Total Watt Loss:
    400A: 10,930 Watts, (37,294 Btu/hr)
    500A: 13,490 Watts, (46030 Btu/hr)
11) Contact TCI to deviate from these specifications.
12) Dimensions are approximate and in inches.

HOLE TOLERANCE ± .005

DIMENSIONS IN INCHES (EXCEPT AS NOTED)

TOLERANCES (EXCEPT AS NOTED)
DECIMAL
.XX ± .03
.XXX ± .010
FRACTIONAL
± 1/32
ANGULAR
± 1°

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NO	ECO	REVISION	DATE	BY
A		As Designed	4/14/25	JSG

DRN. BY: JSG
DATE: 4/14/25

Allient Power
W132N10611 Grant Drive
Germantown, WI 53022
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Requirements, Open Chassis
Cooling, Active Filter, 400/500A

SCALE:
DRN. NO. 33206
SIZE B
SHT.1 OF 1