VLT COOLING:

The VLT frequency converter must be installed vertically with the minimum 8" [225 mm] free space above the enclosure.

All IP21 and NEMA Type 1 and IP54/ NEMA Type 12 units may be mounted side by side, with no minimum clearance.

Failure to remount cabinet floor gland plates will have a negative influence on the unit's internal cooling capacity and can cause trip faults.

BACK CHANNEL COOLING:

Standard cooling configuration is with the intake through the base cabinet plinth and exhaust out the top of the enclosure.

Optional cooling configuration (+) is with the intake through the lower rear of the cabinet and exhaust out the upper rear (consult factory when placing units side-by-side in this configuration).

Each inverter and rectifier module has dedicated cooling ductwork.

Center of gravity: Reference only. Configuration may shift CG in all three axes.
DETAILS FOR MOUNTING FREQUENCY CONVERTER ONTO BASE

SCALE 0.150

NOTE: SIDE PANEL AND INTERNAL COMPONENTS REMOVED FOR CLARITY.