



- Notes:
- 1.) Locate air outlet in the top of enclosure or in the upper 5% of the sides, with approx total area of 100 sq inches.
  - 2.) Air inlet should be in the bottom of enclosure or in the lower 5% of the sides with approx total area of 100 sq inches.
  - 3.) Minimum air flow per fan is 180 cfm @ .2 In. H<sub>2</sub>O.
  - 4.) Depending on the efficiency of the bottom ventilation these fans may not be necessary.
  - 5.) Maximum side wall spacing is 2 inches.
  - 6.) Chassis needs to be mounted vertically.
  - 7.) Chassis is rated for 40 deg C ambient.
  - 8.) Additional ventilation may be needed depending on air vent and enclosure configuration.
  - 9.) Covers should remain in place to guarantee proper cooling.
  - 10.) Contact TCI to deviate from these specifications.
  - 11.) Dimensions are approximate and in inches.

Size	Volt Loss	Btu/h
45 to 50 Amp	2.676	9,131.00
90 to 100 Amp	3.500	11,942

NO	REVISION	DATE	BY
B	Update views/notes	9/27/13	RHW
A	Change Fans	3/17/11	RHW

TOLERANCES (EXCEPT AS NOTED)
DECIMAL
.XX ± .10
.XXX ± .050
FRACTIONAL ± 1/32
ANGULAR ± 1/2°

**TCI** 7878 N. 86th STREET  
MILWAUKEE, WI 53224

H5 Open Chassis 50-100 Amp  
Cooling Requirements

DRN. BY RHW	DATE 2/17/11	DWG. NO. 27799
SCALE N/A	APRVD.	SHT. 1 of 1