

How to Size Circuit Breakers and Transformer Kits

To size circuit breakers, follow these guidelines:

- 5, 8, 12 zone mainframes = 50 amp breaker rating @ 20 kw max.
- >12 zone mainframes = 70 amp breaker rating @ 29 kw max.

To size a Transformer Kit, follow these steps:

- Calculate total heater wattage,
- Divide result by 1000 (equals kVA),
- Select transformer from table below.

Transformer kits are fully wired and include enclosed transformer (480Vac 3 phase in, 240 Vac 3 phase out) with adjustable voltage taps, power cable to main frame, disconnect switch, extra fuses, and floor stand with all hardware.



Transformer Part Number	Load Rating (kVA)	3-Phase Amperage (per phase)	Price
TK063A	6	14.4 A	1750.00
TK093A	9	21.7 A	1980.00
TK153A	15	36.1 A	2550.00
TK303A	30	72.3 A	3490.00
TK453A	45	108.4 A	3950.00