

Enertech YT Multi-Position Vertical Packaged Breakers and Wire Gauge Sizes

Heat Pump

Size	Model	Voltage	Breaker size	Conductor Size (up to 150 ft)
2 Ton	YT-024	240V	30 Amp	12 AWG MC Copper
				10 AWG NM-B Copper
3 Ton	YT-036	240V	40 Amp	10 AWG MC Copper
				10 AWG NM-B Copper
4 Ton	YT-048	240V	40 Amp	8 AWG MC Copper
				8 AWG NM-B Copper
5 Ton	YT-060	240V	50 Amp	8 AWG MC Copper
				6 AWG NM-B Copper
6 Ton	YT-072	240V	60 Amp	8 AWG MC Copper
				6 AWG NM-B Copper

Auxiliary Heat

Size	Model	Voltage	Breaker size	Conductor Size
5 kW	AHTR051D	240V	30 Amp	10 AWG MC Copper
				10 AWG NM-B Copper
				10 AWG UF Copper
				10 AWG SE Aluminum
10 kW	AHTR101D	240V	60 Amp	6 AWG MC Copper
				6 AWG NM-B Copper
				6 AWG UF Copper
				4 AWG SE Aluminum
15 kW	AHTR151D	240V	80 Amp	4 AWG MC Copper
				3 AWG NM-B Copper
				3 AWG UF Copper
				1 AWG SE Aluminum

Notes

- NM = non-metallic cable, commonly referred to as "Romex"
- MC = metal clad, or flexible metal clad FMC
- SE = service entrance cable suitable for exterior installation
- UF = underground feeder cable suitable for exterior installation and/or direct burial
- When the distance from the service panel to the heat pump is greater than 150 feet, consult with the engineering team for further review
- See <https://dandelionenergy.atlassian.net/wiki/spaces/HPI/pages/923172876/Reference> for NEC compliance