



415 V Electricity Supply

Air Compressor Model	Main Motor Rating (kW)	Main Motor Starting Method	Maximum Running Current (A)	Minimum Circuit Breaker Rating (A)	Circuit Breaker Tripping Curve
HT20, T20	2.2	Direct On Line	4.8	10	D
B23, V25	3	Direct On Line	6.4	10	D
B29, T30	4	Direct On Line	8.3	16	D
V30-OF	4	Direct On Line	9.3	16	D
V40, T40-OF	5.5	Direct On Line	12.2	20	D
B52, T55, T55-OF	7.5	Direct On Line	16.1	25	D
T75	11	Star-Delta	23.0	32	C or D

Notes

1. All electrical installation work must be performed by a licensed electrician in accordance with the AS/NZS 3000:2007 Wiring Rules.
2. The circuit breaker information provided above is a general guide only for dedicated supply to the compressor.
3. The maximum running current may exceed the specified value in practice if the electricity supply voltage and/or power factor are below their rated levels.
4. A four-wire conductor is required for the electricity supply, i.e. three-phase and earth. No neutral is required.
5. For additional protection against electric shock, it is recommended to include a fixed setting residual current device (RCD) with rated operating residual current not exceeding 30 mA.