



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
P25	3	Direct On Line	6.4	10	D
P30	4	Direct On Line	8.3	16	D
P30S	4	Direct On Line	9.0	16	D
P40	5.5	Direct On Line	12.2	20	D
P40S	5.5	Direct On Line	12.7	20	D
P55	7.5	Direct On Line	16.1	25	D
P55S	7.5	Direct On Line	16.3	25	D
P75	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.