

Multiple-DUPLEX Series 2000 psi Power Requirements

Compressor Motor HP (one per Duplex system)*	Phase	Voltage	Motor FLA	Recommended Fuses where field wired	Compressor mfg and model
15	3	208V	46A	AJT80	PDC4
15	3	230V	42A	AJT70	PDC4
15	3	460V	21A	AJT40	PDC4
15	3	575V	17A	AJT30	PDC4

Outdoor cooling unit	Goes with	Voltage	Phase	Full Load Amps from Advantage	Recommended connection
OACS30-Low Voltage	up to 3 Duplex systems	208-230VAC	3	169	Field wired- 3/0 THHN (90c) to Fused disconnect @300A type J fuses
OACS 30- High voltage	Up to 3 duplex systems	460VAC	3	83	Field wired- 3Ga THHN (90c) to Fused disconnect @150A type J fuses
OACS 30- Higher Voltage	Up To 3 Duplex Systems	575VAC	3	73	Field Wired- 4Ga THHN (90C) to Fused disconnect @125A type J fuses
Indoor Temperature Control Units	Goes with	Voltage	Phase	Full Load Amps from Advantage manual	Recommended connection
Sentra SK-1035-Low voltage	2 per Duplex system	208-230VAC	3	28	Field wired- 10Ga THHN (90C) to Fused disconnect @40A Type J fuses
Sentra SK-1035-High voltage	2 per Duplex system	460VAC	3	14	Field wired- 14Ga THHN (90C) to Fused disconnect @20A type J fuses
Sentra SK-1035-Higher voltage	2 per Duplex system	575VAC	3	11.6	Field wired- 14Ga THHN (90C) to Fused disconnect @20A type J fuses

Air Compressor	Goes with	Voltage	Phase	FLA	Recommended connection
5HP	Scale up	230VAC	1	22	30 amp Circuit with 6-30R receptacle

*Motor overload will be set @Apeks to nameplate FLA. Recommended motor branch circuit fuse protection is 175% of NEC FLA from Table 430-250 per 430.52.

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**** All voltage for all components of all systems 60Hz****