

Force™ Series 5000 psi- 2 stage Power Requirements

Compressor Motor HP*	Phase	Voltage	Motor FLA	Recommended Fuses where field wired	Compressor mfg and model
30	3	208V	88A	AJT150	PDC4
30	3	230V	80A	AJT150	PDC4
30	3	460V	40A	AJT70	PDC4
30	3	575V	32A	AJT50	PDC4

Outdoor cooling unit	Goes with	Voltage	Phase	Full Load Amps from Advantage	Recommended connection
OACS10-Low Voltage	Single Duplex System	208-230VAC	3	50	Field Wired- 6Ga THHN (90C) to fused disconnect @90A type J fuses
OACS 10- High voltage	Single 2-Stage System	460VAC	3	26	Field Wired- 10Ga THHN (90C) to Fused disconnect @40A type J fuses
OACS 10- Higher Voltage	Single 2-Stage System	575VAC	3	24	Field Wired- 10Ga THHN (90C) to Fused disconnect @40A 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 2-Stage system	208-230VAC	3	28	Field wired- 10Ga THHN (90C) to Fused disconnect @40A Type J fuses
Sentra SK-1035-High voltage	2 per 2-Stage system	460VAC	3	14	Field wired- 14Ga THHN (90C) to Fused disconnect @20A type J fuses
Sentra SK-1035-Higher voltage	2 per 2-Stage system	575VAC	3	11.6	Field wired- 14Ga THHN (90C) to Fused disconnect @20A type J fuses

Control Panel	Goes with	Voltage	Phase	Main Fuse or breaker size	Apeks recommended connection
	5000-2ST systems	115VAC	1	10A	NEMA 5-15R wall receptacle with surge protector

Air Compressor	Goes with	Voltage	Phase	FLA	Recommended connection
5.5Gal	5000-2ST systems	115VAC	1	10	NEMA 5-15R wall receptacle NO GFI

*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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DC32kW+Chill1 11.5kW+Chill2 11.5kW+OACS 23.9kW+Air comp 1.1kW+Controller .1kW=80.1kW

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