



Unless otherwise noted, all voltage for all components of all systems 60Hz

Compressor Motor HP*	Phase	Voltage	Motor FLA	Recommended Fuses where field wired	Compressor mfg and model
15	3	208V	21A***	AJT40	PDC4
15	3	230V	21A***	AJT40	PDC4
15	3	460V	21A	AJT40	PDC4
15	3	575V	17A	AJT30	PDC4
15	3	380V (50hz)	27A	AJT50	PDC4

***150kVA Step-Up Transformer	Recommended Transformer Primary Fuses
***All 208/230VAC Systems will be manufactured as 480VAC and shipped with 150kVA step up transformer.	208V: AJT225
	230V: AJT200

*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. Explanation here: http://www.cooperindustries.com/content/dam/public/bussmann/Electrical/Resources/solution-center/technical_library/BUS_Ele_Tech_Lib_Motor_Circuit_Notes.pdf

Control Panel	Goes with	Voltage	Phase	Main Fuse or breaker size	Recommended connection
	1 per 2000-Duplex® System	115VAC	1	10A	NEMA 5-15R wall receptacle with surge protector

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

page 1 of 2... cont. over

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APEKS CO₂ EXTRACTION
THE FLEET[®] WITH
THE DUPLEX[®]



Outdoor cooling unit	Goes with	Voltage	Phase	Full Load Amps from Advantage	Recommended connection
OACS30-Low Voltage	Up to three Duplex [®] systems	208-230VAC	3	198	Field wired- 4/0 THHN (90c) to Fused disconnect @350A type J fuses
OACS 30- High voltage	Up to three Duplex [®] systems	460VAC	3	93	Field wired- 2Ga THHN (90c) to Fused disconnect @150A type J fuses
OACS 30- Higher Voltage	Up to three 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	Recommended connection
Sentra SK-1035- Low voltage	Two per Duplex [®] system	208-230VAC	3	28	Field wired- 10Ga THHN (90C) to Fused disconnect @40A Type J fuses
Sentra SK-1035- High voltage	Two per Duplex [®] system	460VAC	3	14	Field wired- 14Ga THHN (90C) to Fused disconnect @20A type J fuses
Sentra SK-1035- Higher voltage	Two per Duplex [®] system	575VAC	3	11.6	Field wired- 14Ga THHN (90C) to Fused disconnect @20A type J fuses

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