



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
30	3	208V***	40A***	AJT70	PDC4
30	3	230V***	40A***	AJT70	PDC4
30	3	460V	40A	AJT70	PDC4
30	3	575V	32A	AJT50	PDC4
30	3	380V (50hz)	51A	AJT90	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: AJT300
	230V: AJT250

*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
	The Force® 2 stage systems	115VAC	1	10A	NEMA 5-15R wall receptacle with surge protector

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

page 1 of 2... cont. over



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

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