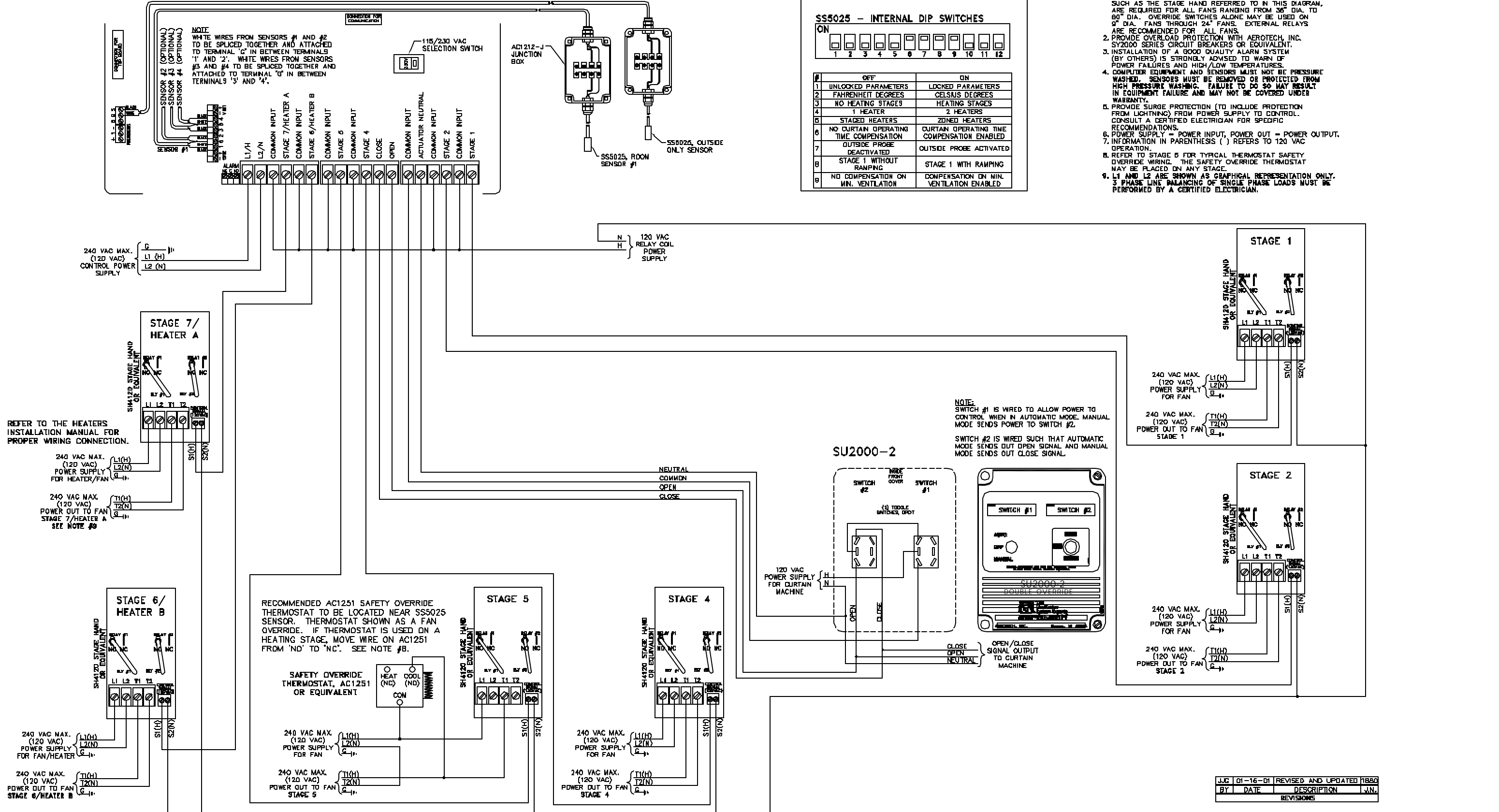


SS5025



SS5025 - INTERNAL DIP SWITCHES


#	OFF	ON
1	UNLOCKED PARAMETERS	LOCKED PARAMETERS
2	FAHRENHEIT DEGREES	CELSIUS DEGREES
3	NO HEATING STAGES	HEATING STAGES
4	1 HEATER	2 HEATERS
5	STAGED HEATERS	ZONED HEATERS
6	NO CURTAIN OPERATING TIME COMPENSATION	CURTAIN OPERATING TIME COMPENSATION ENABLED
7	OUTSIDE PROBE DEACTIVATED	OUTSIDE PROBE ACTIVATED
8	STAGE 1 WITHOUT RAMPING	STAGE 1 WITH RAMPING
9	NO COMPENSATION ON MIN. VENTILATION	COMPENSATION ON MIN. VENTILATION ENABLED

- NOTES**
1. AN EXTERNAL RELAY WITH A MANUAL OVERRIDE SWITCH, SUCH AS THE STAGE HAND REFERRED TO IN THIS DIAGRAM, ARE REQUIRED FOR ALL FANS RANGING FROM 36" DIA. TO 60" DIA. OVERRIDE SWITCHES ALONE MAY BE USED ON 9" DIA. FANS THROUGH 24" FANS. EXTERNAL RELAYS ARE RECOMMENDED FOR ALL FANS.
 2. PROVIDE OVERLOAD PROTECTION WITH AEROTECH, INC. SY2000 SERIES CIRCUIT BREAKERS OR EQUIVALENT.
 3. INSTALLATION OF A GOOD QUALITY ALARM SYSTEM (BY OTHERS) IS STRONGLY ADVISED TO WARN OF POWER FAILURES AND HIGH/LOW TEMPERATURES.
 4. COMPUTER EQUIPMENT AND SENSORS MUST NOT BE PRESSURE WASHED. SENSORS MUST BE REMOVED OR PROTECTED FROM HIGH PRESSURE WASHING. FAILURE TO DO SO MAY RESULT IN EQUIPMENT FAILURE AND MAY NOT BE COVERED UNDER WARRANTY.
 5. PROVIDE SURGE PROTECTION (TO INCLUDE PROTECTION FROM LIGHTNING) FROM POWER SUPPLY TO CONTROL. CONSULT A CERTIFIED ELECTRICIAN FOR SPECIFIC RECOMMENDATIONS.
 6. POWER SUPPLY = POWER INPUT, POWER OUT = POWER OUTPUT.
 7. INFORMATION IN PARENTHESIS () REFERS TO 120 VAC OPERATION.
 8. REFER TO STAGE 5 FOR TYPICAL THERMOSTAT SAFETY OVERRIDE WIRING. THE SAFETY OVERRIDE THERMOSTAT MAY BE PLACED ON ANY STAGE.
 9. L1 AND L2 ARE SHOWN AS GRAPHICAL REPRESENTATION ONLY. 3 PHASE LINE BALANCING OF SINGLE PHASE LOADS MUST BE PERFORMED BY A CERTIFIED ELECTRICIAN.

REFER TO THE HEATERS INSTALLATION MANUAL FOR PROPER WIRING CONNECTION.

NOTE:
SWITCH #1 IS WIRED TO ALLOW POWER TO CONTROL WHEN IN AUTOMATIC MODE. MANUAL MODE SENDS POWER TO SWITCH #2.
SWITCH #2 IS WIRED SUCH THAT AUTOMATIC MODE SENDS OUT OPEN SIGNAL AND MANUAL MODE SENDS OUT CLOSE SIGNAL.

JUG	01-16-01	REVISED AND UPDATED H8AC	
BY	DATE	DESCRIPTION	W.N.
		REVISIONS	



SS5025 AEROBOSS 7
WIRING DIAGRAM - SINGLE PHASE POWER

DATE	01-12-99	CHECKED BY	RLD
SCALE	NTS	DRAWN BY	DBB
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