


ST5129 - INTERNAL DIP SWITCHES

DEF	LOCKED PARAMETERS
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 STAGED MIST	FLOATING MIST

- 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 34" DIA. TO 80" DIA. OVERRIDE SWITCHES ALONE MAY BE USED ON 8" DIA. FANS THROUGH 24" FANS. EXTERNAL RELAYS ARE RECOMMENDED FOR ALL FANS.
 2. PROVIDE OVERLOAD PROTECTION WITH AEROTECH, INC. 3Y2000 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 11 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.

JJC	01-17-01	REVISED AND UPDATED	11880
BY	DATE	DESCRIPTION	J.J.
REVISIONS			



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The Ventilation System Experts

ST5129 AEROSTEP 1.11
WIRING DIAGRAM - SINGLE PHASE POWER

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SCALE	NTS	DRAWN BY	DBB
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Aerotech, Inc. 4213 Legion Drive, Mason, MI 48854-1034 USA
Toll-free: 800-277-2376 • Local: 317-676-7070 • Fax: 317-676-7078