



KEY	DESCRIPTION	COMPONENT
A1	PANEL LOGIC, NOVAR 2051	P100
A2	SENSOR, RETURN AIR (NOVAR)	P250
A16	CONTROL MICROPROCESSOR	P251
A55	PANEL, MAIN	P252
A63	SENSOR, CO2 (IAQ) OPTIONAL	P253
A75	SENSOR, ROOM (97H5301)	P255
A95	SENSOR, AVERAGING	P262
A98	SENSOR, TEMP SWITCHOVER	P264
A171	SENSOR ONE, SMOKE, RETURN AIR	P297
A172	SENSOR TWO, SMOKE, SUPPLY AIR	P298
A173	MODULE, CONTROL SMOKE DETECTION	P299
A176	SENSOR, ROOM	P300
J62	JACK, RETURN SENSOR A2	P301
J63	JACK, DISCHARGE AIR SENSOR RT1	P302
J79	JACK, PIGTAIL TO P-17	P303
J80	JACK, HEADER ETM 2051	P304
J99	JACK, RT16 RETURN AIR SENSOR	RT1
J100	JACK, RT6 SUPPLY AIR SENSOR	RT6
J250	JACK, SMOKE DETECTOR ONE	RT16
J251	JACK, SMOKE DETECTOR ONE	S27
J252	JACK, SMOKE DETECTOR TWO	S42
J253	JACK, SMOKE DETECTOR TWO	S52
J255	JACK, MODULE, CONTROL SMOKE DETECTION	S56
J261	JACK, SUPPLY SMOKE DETECTOR JUMPER	S135
J262	JACK, ECONOMIZER	S149
J264	JACK, BLOWER DECK	S179
J297	JACK, THERMOSTAT - DDC INTERFACE	T8
J298	JACK, IAQ INTERFACE	
J299	JACK, SAFETY INTERFACE	
J300	JACK, NOVAR THERMOSTAT	
J301	JACK, NOVAR DISCHARGE SENSOR	
J302	JACK, BLOWER PROVING SWITCH	
J303	JACK, FILTER AND AIRFLOW FIELD INTERFACE	
K222-1	RELAY, COMPRESSOR LOCKOUT	
P62	PLUG, RETURN SENSOR A2	
P63	PLUG, DISCHARGE AIR SENSOR RT1	
P79	PLUG, HEADER NOVAR	
P80	PLUG, HEADER ETM 2501	
P99	PLUG, RT16 RETURN AIR SENSOR	

- ⚠ P298-8 IS SERVICE RELAY OUTPUT (24VAC) IF USED CONNECT TO AN INDICATOR LIGHT MAX 4VA
- ⚠ FOR MOTORS WITH S42 AND S135 EXTERNAL OVERLOAD WITH A55 (UNIT CONTROLLER)
- ⚠ S27 AND S52 USED WITH ETM 2051.M2 SETTINGS NEED TO BE MODIFIED, WHEN TRANSFERRING TO ETM 2051
- ⚠ REMOTE LOCATION OF RT6
- ⚠ S135 AND S42 HOOKUP FOR UNITS LESS INVERTER, SEE INVERTER WITH BYPASSING FOR S42 OR INVERTER ALARM INPUT HOOKUP
- ⚠ A2 RETURN AIR SENSOR REMAINS IN PLACE WHEN A98 SWITCHOVER SENSOR WTS-SOS (18L3601) IS USED.
- ⚠ A95 AVERAGING SENSOR MAY BE USED WITH A74 OR A75 ROOM SENSORS, DISCONNECT RT1 DISCHARGE AIR SENSOR (NOVAR) WHEN A95 IS USED.
- ⚠ DISCONNECT A2, WHEN A74 OR A75 ROOM SENSOR IS USED.
- ⚠ M2 SETTINGS NEED TO BE MODIFIED WHEN S42, S135, S149 OR S179 ARE INSTALLED
- ⚠ CONNECT A172 SENSOR TO J261 ON SUPPLY AIR SMOKE DETECTOR ONLY
- ⚠ S179, OVERFLOW SWITCH USED ON LGH/LCH 420-600 UNITS ONLY

DENOTES OPTIONAL COMPONENTS  
 CLASS II FIELD WIRING

<b>WIRING DIAGRAM</b>		07/10
<b>ACCESSORIES</b>		
<b>CONTROL FOR EMERGENCE™</b> <b>NOVAR ETM 2051</b>		
SECTION C		REV. 4.0
Supersedes	New Form No.	
	537107-01	