



1 FOR MOTORS WITH S42 EXTERNAL OVERLOAD

2 REMOTE LOCATION OF RT6

3 P298-8 IS SERVICE RELAY OUTPUT (24VAC) IF USED CONNECT TO AN INDICATOR LIGHT

4 PRODIGY SETTINGS MUST BE MODIFIED WHEN K222, S42, S52, S135 OR S149 ARE INSTALLED

5 S179, OVERFLOW SWITCH USED ON LGH/LCH 420-600 UNITS ONLY

6 CONNECT A172 SENSOR TO J261 ON SUPPLY AIR SMOKE DETECTOR ONLY

7 A63, A34 AND A24 ARE MUTUALLY EXCLUSIVE

--- DESIGNATES OPTIONAL WIRING CLASS II FIELD WIRING

KEY	DESCRIPTION	COMPONENT
A2	SENSOR, ELECTRONIC THERMOSTAT	P253 PLUG, SMOKE DETECTOR TWO
A24	CONTROL, OUTDOOR AIR CFM FLOW	P255 PLUG, MODULE, CONTROL SMOKE DETECTION
A34	DUCT STATIC PRESSURE	P261 PLUG, ECONOMIZER
A55	PANEL, LENNOX MAIN PANEL	P262 PLUG, BLOWER DECK
A63	SENSOR, CO2 (IAQ) OPTIONAL	P264 PLUG, THERMOSTAT - DDC INTERFACE
A91	SENSOR, HUMIDITY	P297 PLUG, IAQ INTERFACE
A147	CONTROL, LONTALK GATEWAY	P298 PLUG, SAFETY INTERFACE
A171	SENSOR ONE, SMOKE, RETURN AIR	P299 PLUG, SYS BUS
A172	SENSOR TWO, SMOKE, SUPPLY AIR	P304 PLUG, SYS BUS
A173	MODULE, CONTROL SMOKE DETECTION	P298 PLUG, SAFETY INTERFACE
J99	JACK, RT16 RETURN AIR SENSOR	P99 PLUG, RT16 RETURN AIR SENSOR
J100	JACK, RT6 SUPPLY AIR SENSOR	P100 PLUG, RT6 SUPPLY AIR SENSOR
J250	JACK, SMOKE DETECTOR ONE	P250 PLUG, SMOKE DETECTOR ONE
J251	JACK, SMOKE DETECTOR ONE	P251 PLUG, SMOKE DETECTOR ONE
J252	JACK, SMOKE DETECTOR TWO	P252 PLUG, SMOKE DETECTOR TWO
J253	JACK, SMOKE DETECTOR TWO	P253 PLUG, SMOKE DETECTOR TWO
J255	JACK, MODULE, CONTROL SMOKE DETECTION	J255 JACK, MODULE, CONTROL SMOKE DETECTION
J261	JACK, SUPPLY SMOKE DETECTOR JUMPER	J261 JACK, SUPPLY SMOKE DETECTOR JUMPER
J262	JACK, ECONOMIZER	J262 JACK, ECONOMIZER
J264	JACK, BLOWER DECK	J264 JACK, BLOWER DECK
J297	JACK, THERMOSTAT - DDC INTERFACE	J297 JACK, THERMOSTAT - DDC INTERFACE
J298	JACK, IAQ INTERFACE	J298 JACK, IAQ INTERFACE
J299	JACK, SAFETY INTERFACE	J299 JACK, SAFETY INTERFACE
K222	RELAY, COMPRESSOR LOCKOUT	K222 RELAY, COMPRESSOR LOCKOUT
P99	PLUG, RT16 RETURN AIR SENSOR	P99 PLUG, RT16 RETURN AIR SENSOR
P100	PLUG, RT6 SUPPLY AIR SENSOR	P100 PLUG, RT6 SUPPLY AIR SENSOR
P250	PLUG, SMOKE DETECTOR ONE	P250 PLUG, SMOKE DETECTOR ONE
P251	PLUG, SMOKE DETECTOR ONE	P251 PLUG, SMOKE DETECTOR ONE
P252	PLUG, SMOKE DETECTOR TWO	P252 PLUG, SMOKE DETECTOR TWO

01/15

WIRING DIAGRAM 01/15

537113-02

ACCESSORIES

CONTROL FOR EMERGENCE Lon TALK MODULE

SECTION C REV 0

Supersedes New Form No. 537113-02