

MATERIALS LIST		
QTY	RRS PART#	DESCRIPTION
26"	300000091	Wire 18 Ga. Red
92"	300000093	Wire 18 Ga. Green
42"	300000094	Wire 18 Ga. Violet
26"	30018718	Wire 18 Ga. Yellow
26"	30018319	Wire 18 Ga. Black
66"	30018420	Wire 18 Ga. Blue
46"	30018521	Wire 18 Ga. Brown
150"	300000102	Wire 14 Ga. Black
150"	300000103	Wire 14 Ga. Red
2'	300000562	Tape - Electrical
1	300000152	Fuse Holder
2	300000157	Fuse 10 AMP
1	300000179	Relay - 20 AMP 24 V Coil DPDT
1	61303412	Capacitor - 12.5 MFD
1	300000190	Capacitor Boot - Rubber
1	300000191	Capacitor Strap - Metal
1	900500102	Belly Mount - 20" / 5.5 DIA.
1	900500111	Fan Blade - Y12E07-2040 x 1/2 CW
3	300000029	Female ¼" Insul. Flag
8	300000584	Female ¼" Quick Disc (Ins) Red
1	30303598	Ring Ground
2	300000585	Female ¼" Quick Insul. (Blue)
4	300000588	Spade - 16/14 Ga. Wire
10	380431695	Wire Tie (Small)
1	610431459	Motor - 208-230V ¾ HP 1075 RPM
1	30303903	AMP 9 Cir Plug (Male)
1	30303904	AMP 9 Cir Cap (Female)
1	30303906	AMP 4 Cir Plug (Male)
1	30303907	AMP 4 Cir Cap (Female)
10	30303912	AMP Pin Contact Male
10	30303913	AMP Socket Contact Female
1	300000303	Lug Ground

HARNESS ENDS AT PL1

COMPONENT CODE	
C	Capacitor
F29	Fuse
FB	Fuse Block
FM	Fan Motor
GRD	Ground
J1	Power Exhaust Harness
P1	Motor Plug Male
PL1	Plug Unit Interface
R1	Relay - Exhaust Fan
S1	Control Box Female

WIRE COLOR CODE			
BLK	Black	BLU	Blue
BRN	Brown	GRN	Green
GRY	Gray	ORN	Orange
RED	Red	VIO	Violet
WHT	White	YEL	Yellow

CONNECTOR & CONTACT CONFIGURATION

P1 (30303903) PLUG - (30303912) PIN

S1 (30303904) CAP - (30303913) SOCKET

PL1 (30303906) PLUG - (30303912) PIN

J1 (30303907) CAP - (30303913) SOCKET

Notes:

- Connect **PL1** to **J1** from economizer.
- A. Power Exhaust wired for **High** speed.
B. For **Med** speed disconnect **BLK** at relay (3), connect **YEL** at relay (3).
C. For **Low** speed disconnect **BLK** at relay (3), connect **RED** at relay (3).
- Be sure all leads from motor have been covered with tape.**

230 Volt 1-Phase Power Exhaust for
DCC / DCG / DCH 090-150

RRS

ROOFTOP
SYSTEMS
A Ruskin Company

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Date: December 6, 2013

Supersedes: 08-13-12

Drawn by: MGL

Unit #: 10-465-10-21

Diagram#: 104651021W

Approved by: