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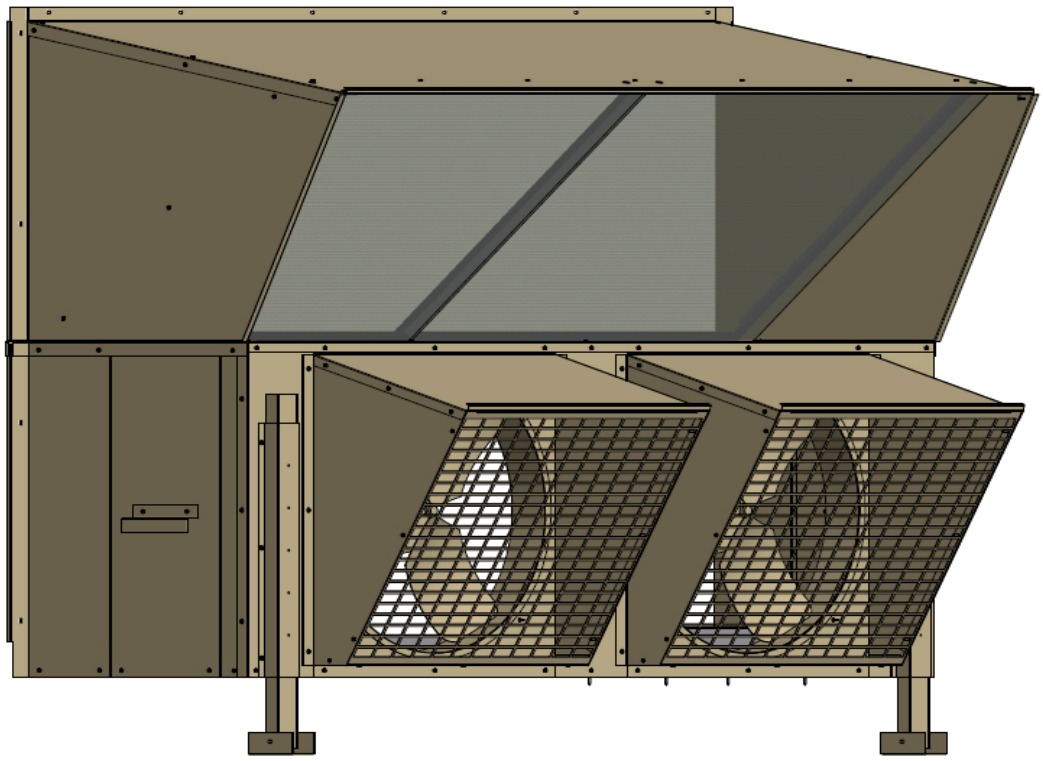
SPEDDC180300*

DOWNFLOW POWER EXHAUST FITS
DAIKIN D*G180-300 AND D*C180-300
SANDSTONE BEIGE



SEQUENCE OF OPERATION

This sequence assumes employment of a single enthalpy economizer using a two stage thermostat.

The exhaust fan is commanded on any time the unit is in economizer cooling mode and the economizer damper is commanded open beyond the minimum economizer position configured for the current mode of operation.

INSTALLATION
WITH ECONOMIZER

1. Open carton and inspect contents for shortages and damage.
2. Disconnect the power to the unit.
3. If the economizer is already fully installed, remove the economizer hood. If a new installation, do not install the economizer hood.
4. Slide the support legs through the guides. (Figure 1)
5. Feed the line voltage and low voltage wires through the knockouts provided in the damper section of the economizer. (Figure 2)
6. Attach the power exhaust hood. Extend the support legs and secure them using the screws provided.
7. Feed the line voltage leads to the L1 and L2 of the main disconnect per the included wiring diagram.
8. Route low voltage wires into the unit's control box and terminate wires per the included wiring diagram.
9. Reference the DDC literature provided with the rooftop unit for DDC controller configuration instructions. The exhaust fan will not energize if the controller is not configured properly.
10. Reinstall the filter access panel.

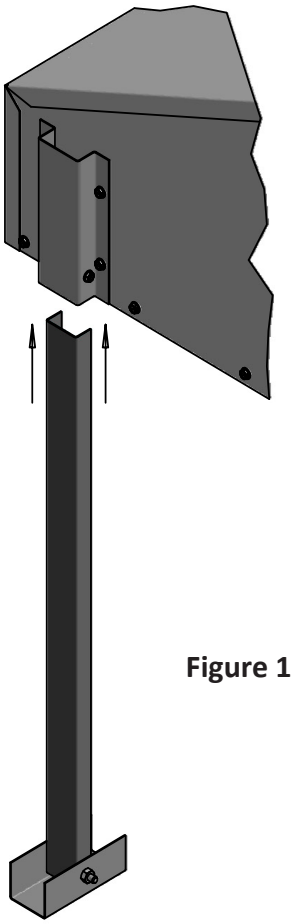


Figure 1

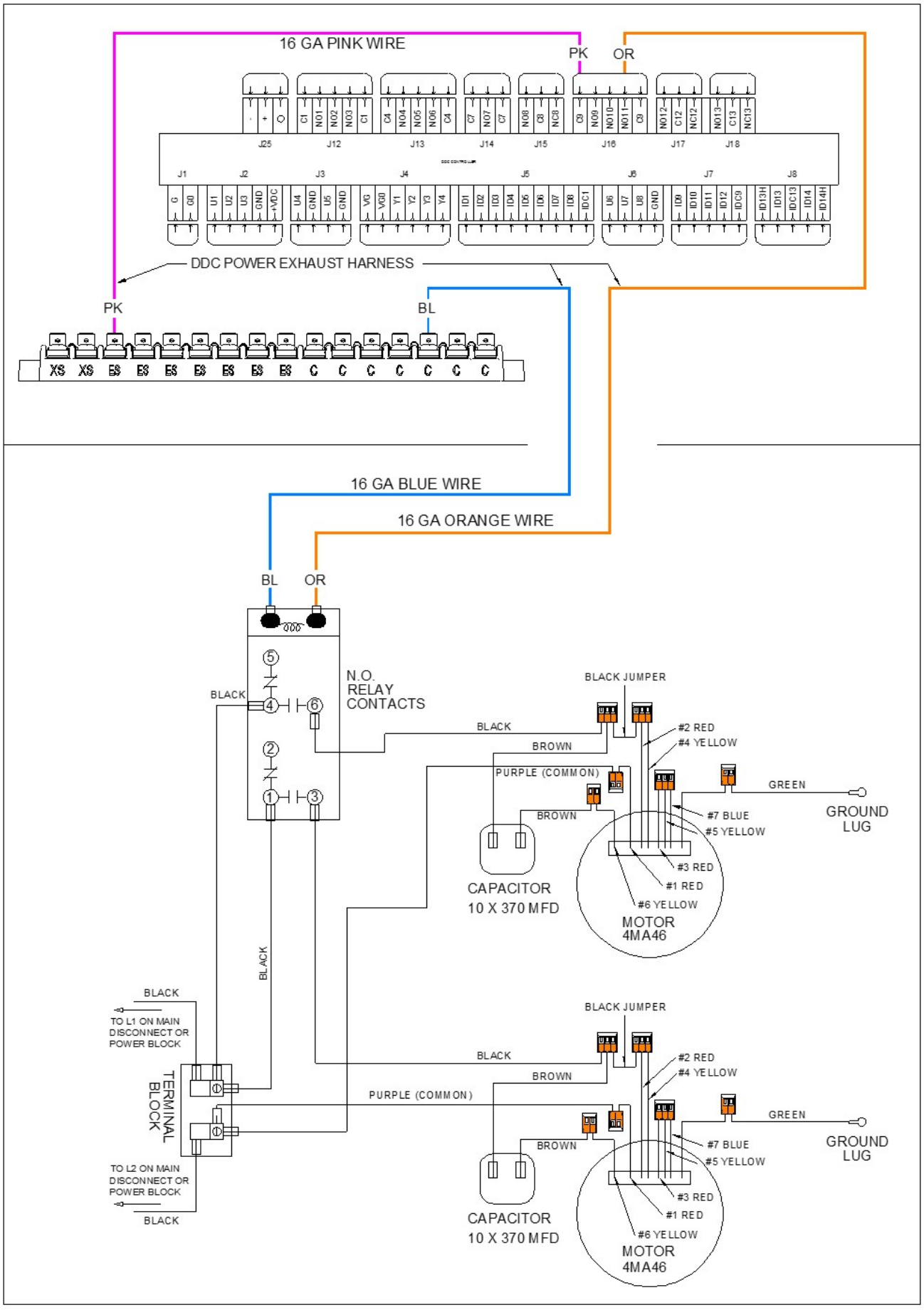
Figure 2

CONTENTS

1	Power Exhaust Hood
2	Support Legs
1	Wire Harness
1	Installation Instructions

Model	Voltage	Motor				
		HP	RPM	Type	FLA	Speeds
SPEDDC1803002	208/230-1-60	1/2(2)	1075	Direct Drive	4.8	1
SPEDDC1803004	460-1-60	1/2(2)	1075	Direct Drive	2.4	1
SPEDDC1803007	575-1-60	1/2(2)	1100	Direct Drive	2.0	1

SPEDDC1803002 Wiring Diagram



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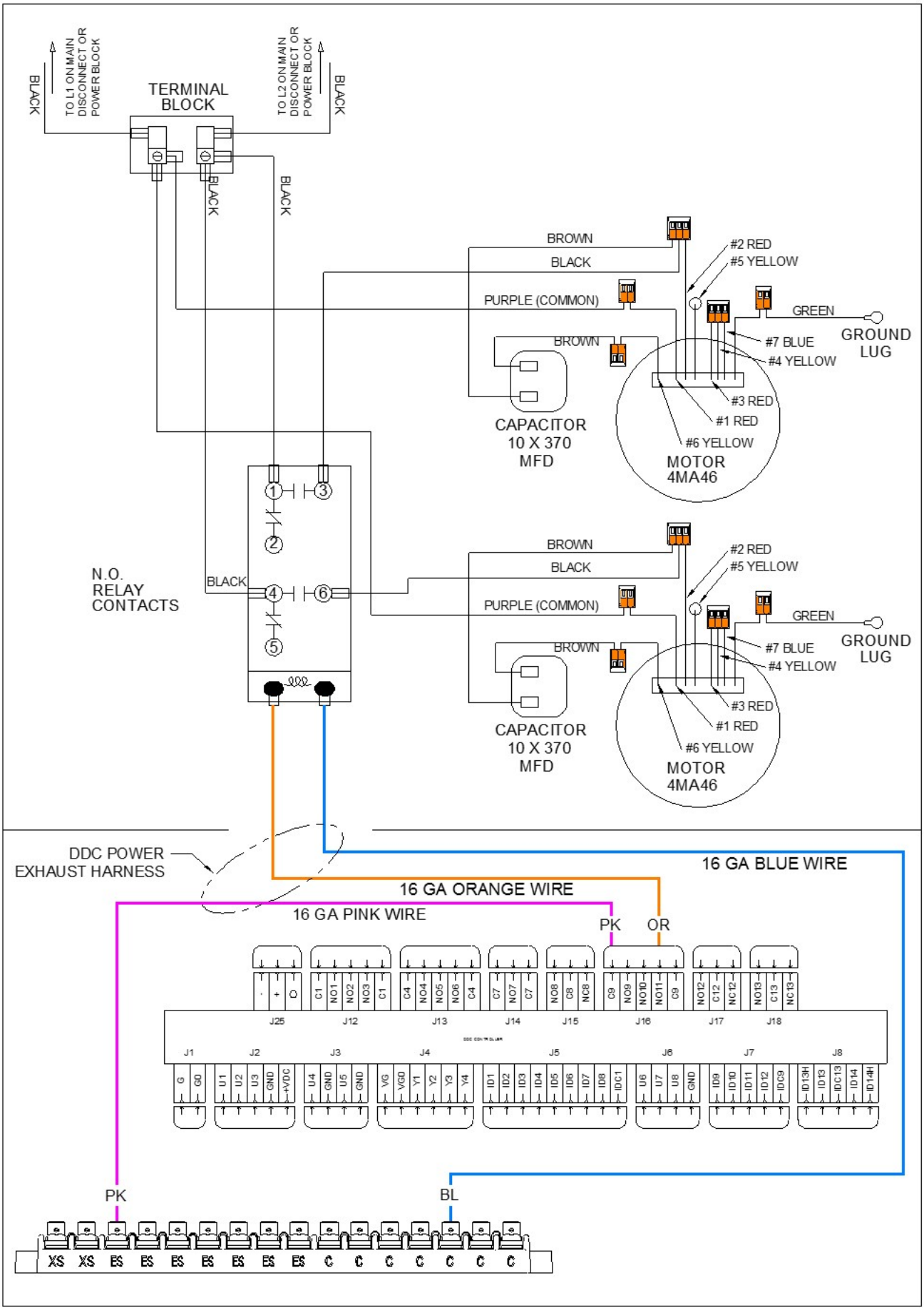
SPEDDC1803004 Wiring Diagram



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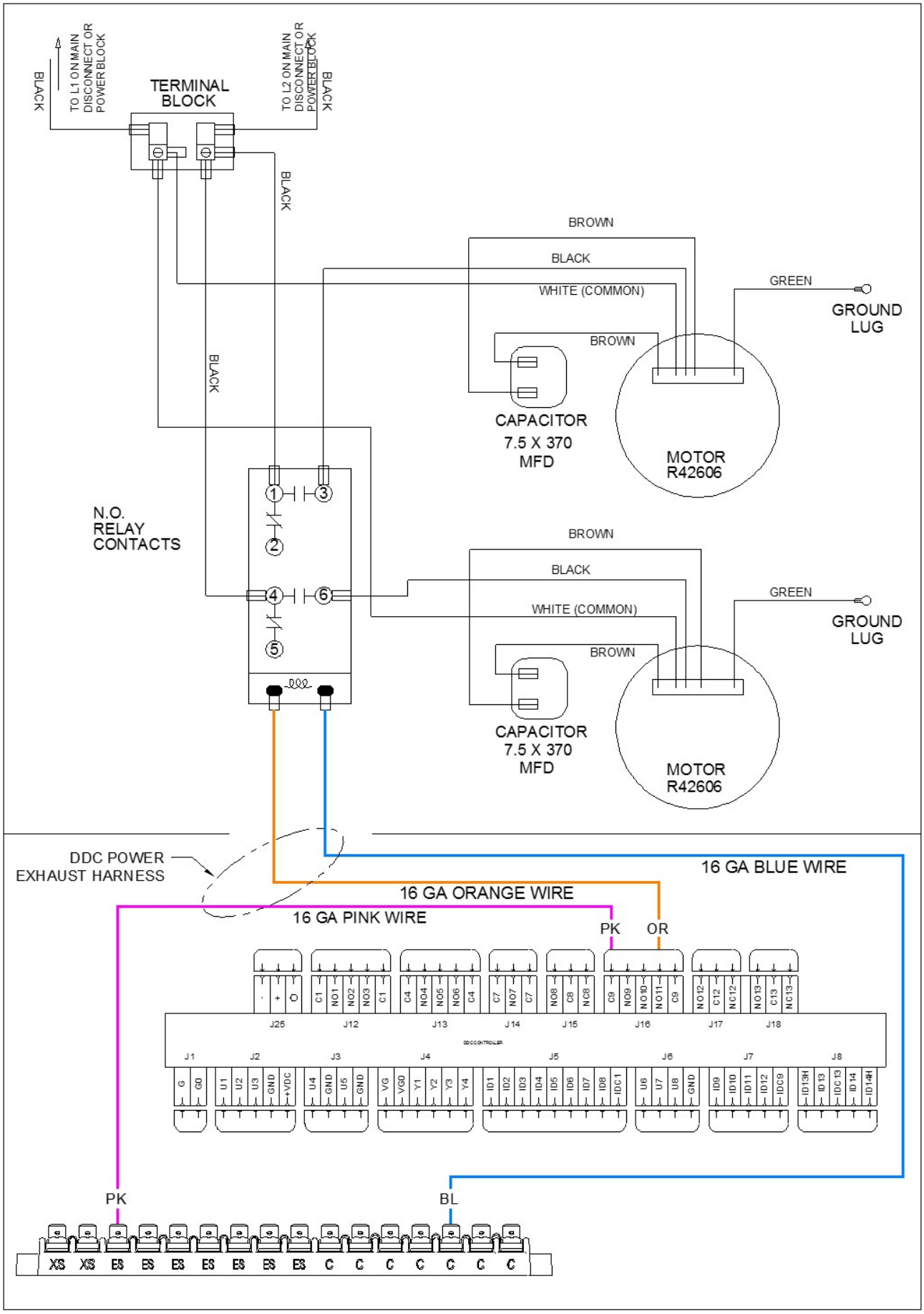
SPEDDC1803007 Wiring Diagram



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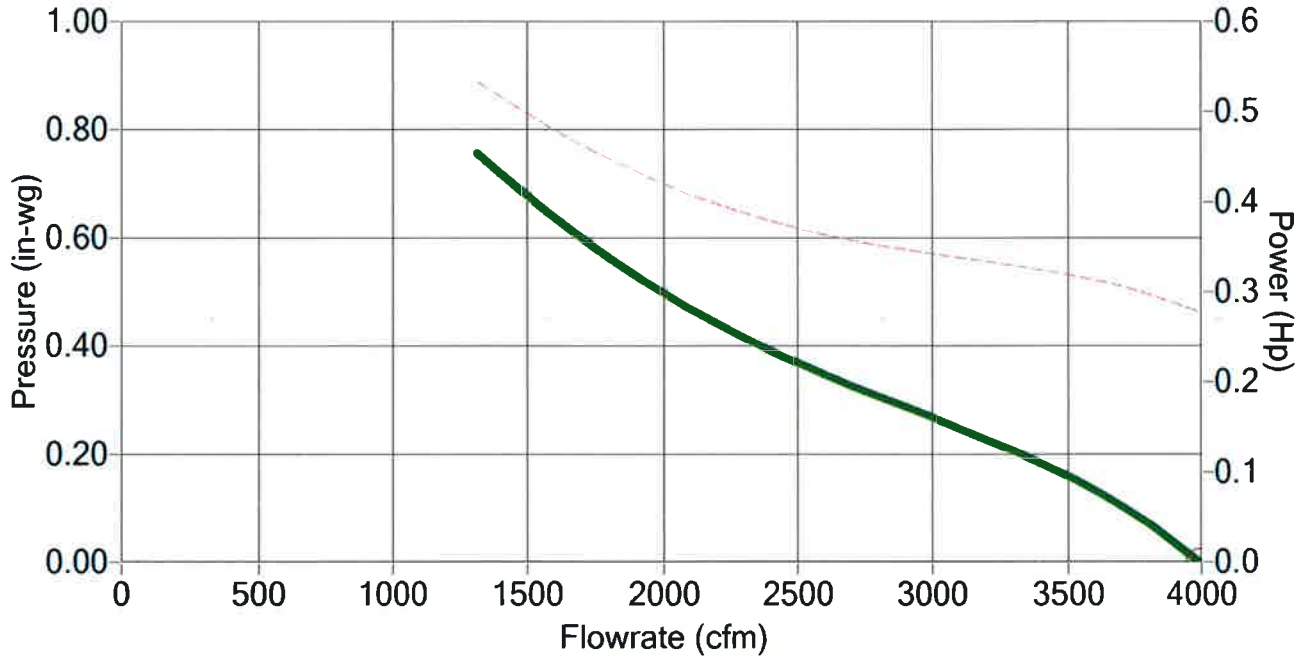
Lau Selection #1

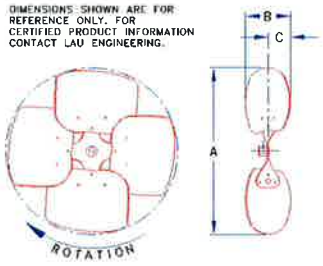
MODEL F08Y202033

Selection Input	Input Flow 4000 CFM	Input Pressure 0.00 in-wg	Temperature 70 F	Altitude 0 ft	Q Derate 0 CFM	P Derate 0.00 in-wg	VAV Set Point 0.00 in-wg		Date 04-22-2015
Selection Output	Flow 3990 CFM	Pressure 0.00 in-wg	Power 0.28 hp	Static Efficiency 0.0 %	Total Efficiency 40.5 %	Speed 1100 rpm	Outlet Velocity 1741 fpm		
	Impeller Diameter 20.0 in	Outlet Area 2.29 ft²	Max Speed 1600 rpm	Pitch 33 deg	Drive Direct Drive	Blades 4	P Volume 0.7 ft³	Turndown 100 %	

Performance



Sound	63	125	250	500	1000	2000	4000	8000	Lw	LwA
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



A	B	C
20.00	3.87	1.69

Dimensions in inches

Notes: Airflow performance data are obtained in accordance with AMCA 210-07. Installed performance will vary depending on extent of cabinet geometry

Options

Available Bore: 5/16, 3/8, 1/2 and 5/8 inch
Keyway: Available in bore sizes 1/2 inch or larger
Blade Material: Aluminum
Spider Material: Painted Steel, Galvanized Steel
Hub Location: Discharge side, Inlet side
Set Screw Quantity: 1 or 2
Rotation: Determine rotation by viewing discharge side of prop
Clockwise or counterclockwise