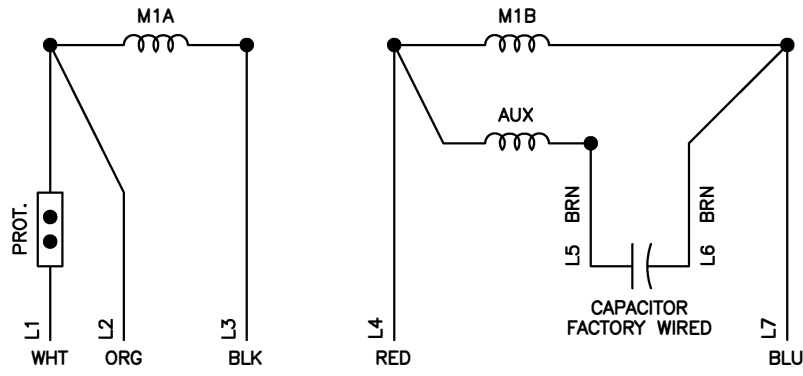
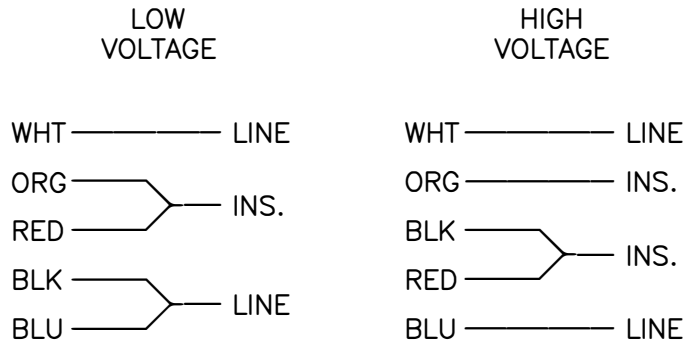


REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
0631	0	RELEASE OF DRAWING	03/08/22	DPH



CONNECTIONS



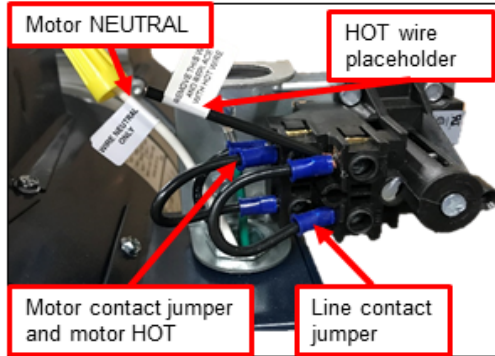
ROTATION – C.C.W. LEAD END

- THIS DIAGRAM IS USED FOR ALL OL(R)(T)120 TO OL(R)(T)600 60Hz & 50Hz SINGLE PHASE COMPRESSORS

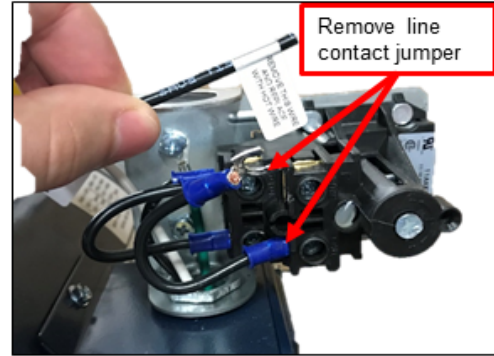
THIS DRAWING AND ALL OF ITS CONTENTS ARE THE SOLE PROPERTY OF GENERAL AIR PRODUCTS, INC. DETAILS MAY CHANGE WITHOUT NOTICE. THE CONTENTS OF THIS DRAWING, MAY NOT BE REPRODUCED OR INCORPORATED IN WHOLE OR IN PART IN ANY EQUIPMENT, NOR THE MANUFACTURE OF ANY PARTS, WITHOUT WRITTEN CONSENT OF GENERAL AIR PRODUCTS, INCORPORATED.

		TITLE	
		MOTOR CONNECTION WIRING DIAGRAM	
APPROVALS	DATE	DWG NO. E-222090	
DRAWN WLW	03/07/22		
CHECKED DPH	03/07/22	REV 0	
SCALE NONE	SIZE A		
SHEET 1/1			

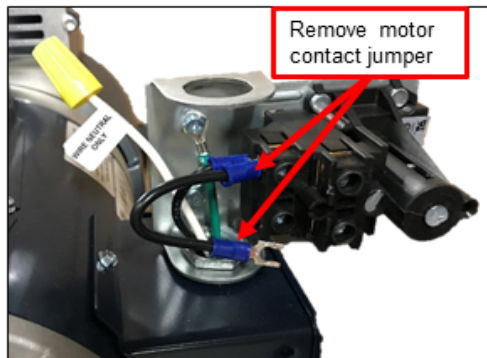
Convert Mechanical Pressure Switch from 115V to 230V



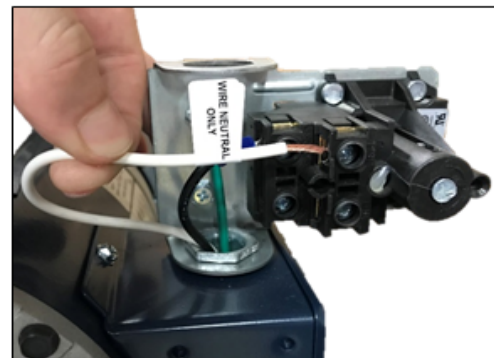
1. Identification of wires.



2. Remove line contact jumper and HOT wire placeholder.



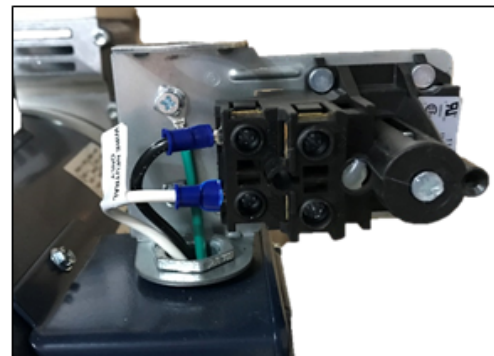
3. Remove motor contact jumper, leaving motor HOT in terminal. Retighten motor HOT wire in terminal.



4. Remove yellow wire nut from motor NEUTRAL.



5. Crimp a spade connector onto NEUTRAL wire.



6. Insert spade connector into other motor terminal. Use wiring diagram on side of motor to wire it for 230V.
7. Wire supply line 1 and line 2 to line contacts of pressure switch.

Oilless Air Compressor Single & 3 Phase Wiring Drawing with Mechanical Pressure Switch

REVISIONS				
ECD	REV	DESCRIPTION	DATE	APPROVED
0260	1	1Ø PS ONLY ADD JUMPER FOR L1 & STRAIGHT THRU NEUTRAL WIRING	02/28/2018	MJ
0375	2	ADD JUMPERS & GROUND SYMBOLS	01/03/2019	MJ
0581	3	ADD "WITH MECHANICAL PRESSURE SWITCH" TO TITLE BLOCK	07/28/2021	DPH

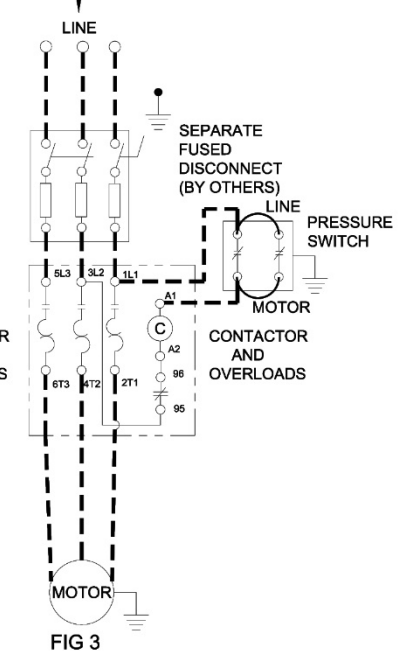
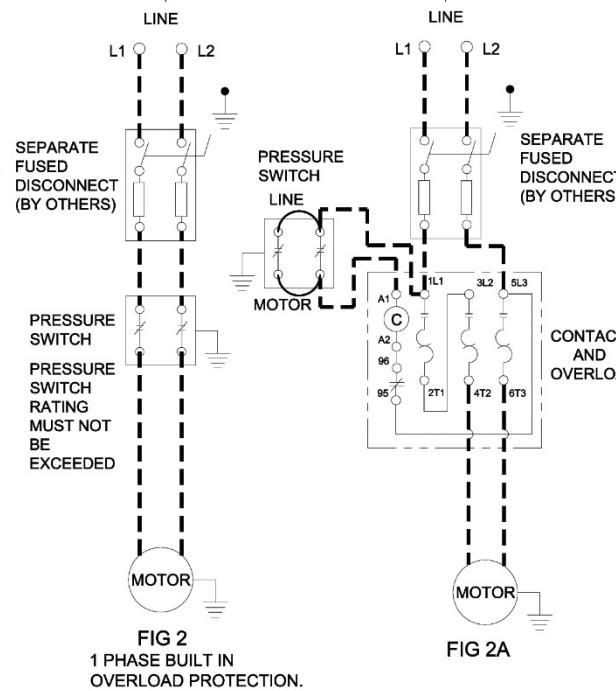
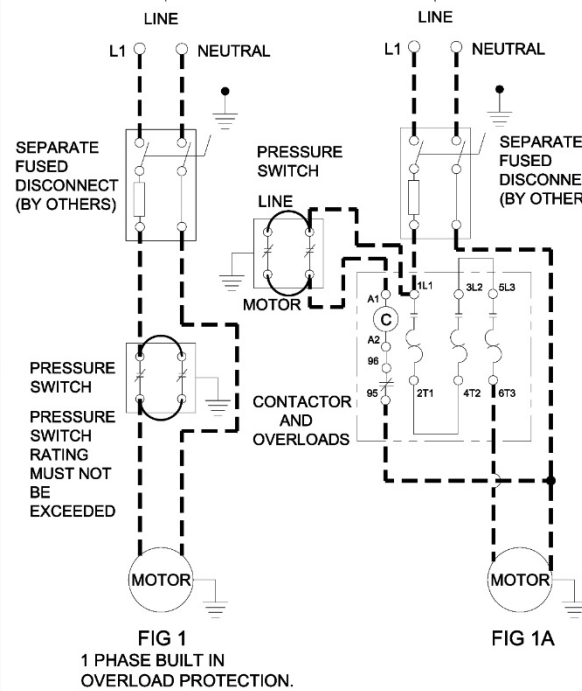
FOR 115V, 1 PHASE, 60HZ (1 POLE) PRESSURE SWITCH ONLY

FOR 115V, 1 PHASE, 60HZ (1 POLE) WITH MOTOR STARTER

FOR 208-230V, 1 PHASE, 60HZ (2 POLE) PRESSURE SWITCH ONLY

FOR 208V-230V, 1 PHASE, 60HZ (2 POLE) WITH MOTOR STARTER

3 PHASE WITH MOTOR STARTER



NOTES:

- 1) MOST MOTORS ARE MULTIPLE VOLTAGE. VERIFY MOTOR INTERNAL CONNECTIONS ARE CORRECT FOR SUPPLY VOLTAGE.
- 2) FEEDER WIRE SIZE MUST BE CAPABLE OF CARRYING START-UP CURRENT LOAD AND CURRENT LOAD AT MAXIMUM PRESSURE.
- 3) PRESSURE SWITCH TO CONTROL COIL CIRCUIT, IF A MOTOR STARTER IS USED.
- 4) OTHER WIRING VARIATIONS ARE POSSIBLE. ALWAYS CONSULT LOCAL AND / OR BUILDING CODES FOR REQUIREMENTS.
- 5) - - - DASHED LINES INDICATE FIELD CONNECTIONS.

N:\Work\Engineering\Drawing File\GAP Oil Less Compressors (Cyclone)\OL RISER MOUNT\INSTRUCTIONS\E-211087 REV 3 WRG INSTR OL CMPSRS W_MPS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS ANGLES ± 1/4 .XX ± .13 ± 7%

GENERAL AIR PRODUCTS

APPROVALS: EJR 05-28-11, RCL 03-28-11, NTS

TITLE: WIRING INSTRUCTIONS SINGLE AND THREE PHASE OIL LESS COMPRESSORS WITH MECHANICAL PRESSURE SWITCH

1 OF 1 C DWG NO. E-211087