



QUICK SETUP GUIDE

PL MODELS
ONLY
230 VOLTS

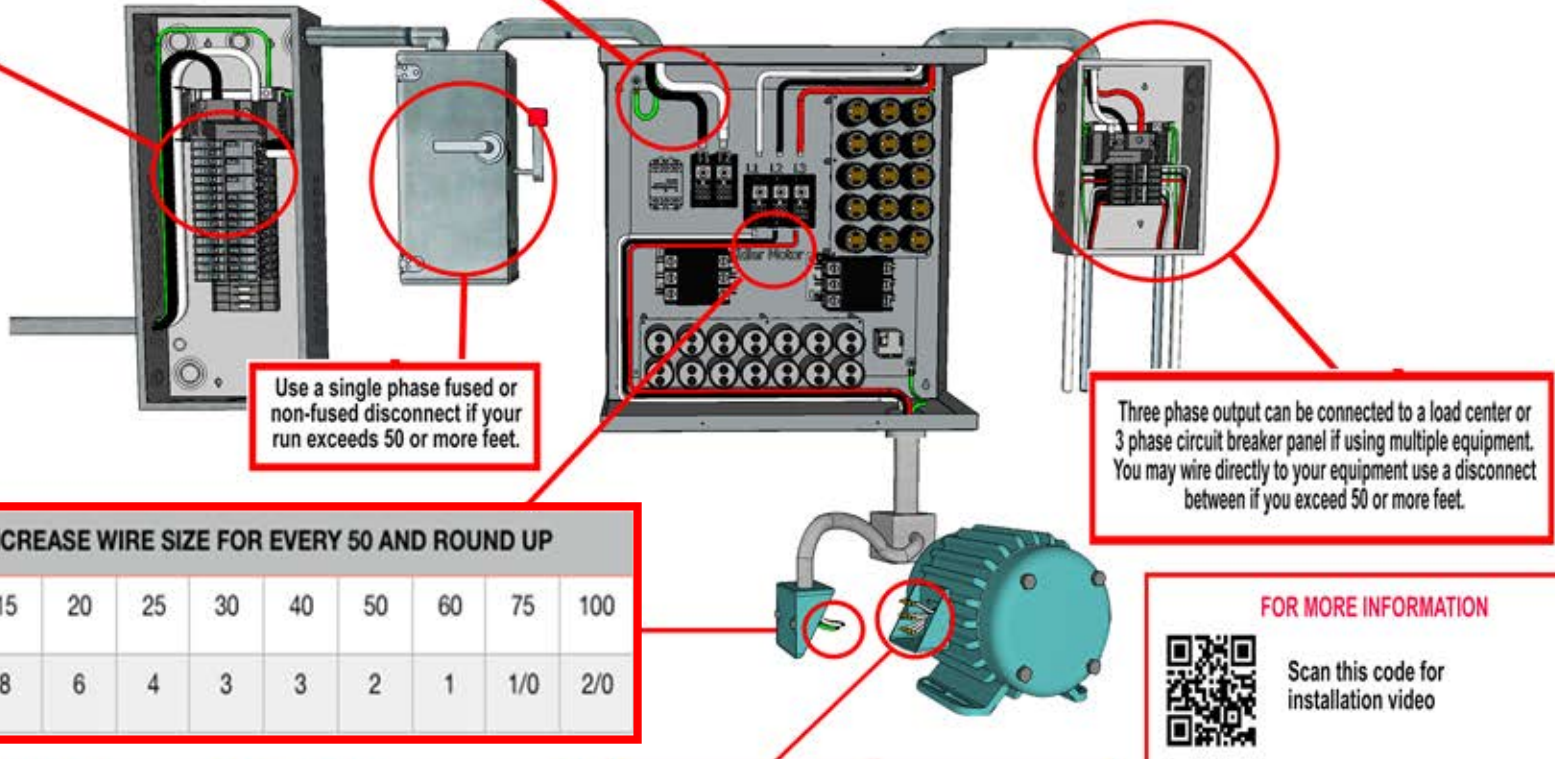
BREAKER SIZE

Minimum and Maximum Size Breaker - Use TWO times the full load of the equipment

Idler HP	MIN	MAX
3	10	25
5	15	30
7.5	20	40
10	20	40
15	30	80
20	40	100
25	40	125
30	50	150
40	60	200
50	80	250
60	100	300
75	125	350
100	150	400

SINGLE PHASE WIRE SIZE - INCREASE WIRE SIZE FOR EVERY 50 AND ROUND UP

IDLER HP	3	5	7.5	10	15	20	25	30	40	50	60	75	100
WIRE SIZE	10	10	8	6	4	4	2	2	1/0	2/0	3/0	4/0	300



Use a single phase fused or non-fused disconnect if your run exceeds 50 or more feet.

Three phase output can be connected to a load center or 3 phase circuit breaker panel if using multiple equipment. You may wire directly to your equipment use a disconnect between if you exceed 50 or more feet.

IDLER MOTOR WIRE SIZE - INCREASE WIRE SIZE FOR EVERY 50 AND ROUND UP

IDLER HP	3	5	7.5	10	15	20	25	30	40	50	60	75	100
WIRE SIZE	12	12	10	8	8	6	4	3	3	2	1	1/0	2/0

Important Guide Lines of Installation

1. Make sure you have enough power to start the phase converter, check with your local electric company see what size transformer you have on the pole, the transformer KVA number should be larger then your phase converter HP number.
2. You must use a Industrial Licensed electrician.
3. All loads including transformers must be disconnected or in the off position before start the phase converter each time.
4. Magnetic controls, single phase loads, or resistive loads must be energized by L1 and L2.

Connect idler/generator motor for LOW voltage the diagram is located on the nameplate or insdie the connection box.

FOR MORE INFORMATION



Scan this code for installation video



Scan this code for step by step troubleshooting

Support text SMS to 602-487-2744 or 602-330-9595

Send pictures of your installation along with your concerns or questions.