

PX50 Apartment Compactor

1/5/2023

v. 1

Electrical Requirements, General



Power disconnect should be located within 12' and in sight of power unit.

The UL Listed PX50 control panel is NEMA 3R for indoor or outdoor use. See charts below for branch circuit information.

| 3Ph Power | | | | | |
|---|-------------------|----------------------|----------------------------------|------------------------------|------------------------------|
| Motor Size | VAC Phase | NEC FLA | Dual Element Fuse Max | Circuit Breaker Max | Minimum Wire Size (60 deg C) |
| 5HP | 208/3Ph | 16.7 | 30 | 40 | 10 |
| 5HP | 230/3Ph | 15.2 | 30 | 40 | 10 |
| 5HP | 460/3Ph | 7.6 | 15 | 20 | 12 |
| 1Ph Power. Inverter converts 1Ph power to 3Ph power to drive 3Ph motor. | | | | | |
| Motor Size | VAC Phase | Inverter FLA (Input) | Max Fuse Size (Use Class J Fuse) | Minimum Wire Size (75 deg C) | |
| | | | | Incoming Power | Ground |
| 3HP/3Ph | 208/1Ph , 240/1Ph | 24.8 | 50 | 10 | 10 |
| 5HP/3Ph | 208/1Ph , 240/1Ph | 42.7 | 75 | 8 | 8 |



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