

**ELECTRICAL POWER & UTILITY REQUIREMENTS FOR**  
**Talbott Farms**  
**Rev 1**  
**07/01/15**

The following power requirements will assist the electrician in sizing the electrical service for each piece of equipment. Separate fused disconnects should be provided for each piece of Equipment in accordance with national and local electrical codes. In most cases a plug, receptacle and circuit breaker may be used if it meets local and national electrical codes. The selection of proper electrical equipment should be made by the local electrician.

**The electrical installation must be done in accordance with national and local code requirements and by a qualified electrician. If any differences are found between any manual or machine and local code, then you must make the necessary adjustments to meet code.**

**ELECTRICAL REQUIREMENTS**

DESCRIPTION	VOLTAGE	RECOMMENDED SERVICE EACH	CONNECTED LOAD TOTAL	POWER KVA TOTAL	KW AVG.
LinCan30 Canning System	208 Volts, 60Hz, 3 Phase, 3 Wire	40 AMP	25 AMPS	9.00	7.66
Brite Tank Monitor	120 Volts, 60 Hz 1 Phase, 2 wire	10 AMP	3 AMPS	0.36	0.30

Note: All Power to Equipment must also have adequately sized Ground Wire.

Note: KW ratings are an estimate based upon Power Factor (Efficiency) of Motors and Duty Cycles of the Equipment.

**Power Supply Stability** – Equipment performance & reliability will be adversely affected by power supply voltage that is more than  $\pm 10\%$  outside the rated voltage or frequency. It is also understood that power line glitches and excessive fluctuations (surges or brown outs) in the mains power supply will also reduce the reliability of the equipment and/or possibly damage sensitive components. The warranty does not include failures caused by power line glitches, surges or brown outs. Mains voltage and supply frequency must be stable to within  $\pm 3\%$  each day to maintain good quality and reliable operations. ABE is not responsible for product quality if during the day power supply voltage or supply frequency varies by more than  $\pm 3\%$ . A proper earth ground and neutral must be provided as specified. The measured differential voltage between earth ground and neutral must be 0 VAC.

**AIR REQUIREMENTS**

DESCRIPTION	Connection	*Quality	RECOMMENDED FLOW	RECOMMENDED PRESSURE
LinCan30 Canning System	1/2" MQC	Clean Dry & Oil Free	27 SCFM	90 PSI
LinCan30 Canning System	1/4" MQC	Clean Dry & Oil Free	Combined With Above	90 PSI
LinCan30 Canning System	1/4" MQC	CO2	5-10	30 PSI

Note: Compressed air supply must be filtered to 40 micron, with a maximum oil content of  $5 \text{ mg/m}^3$ , a maximum residual water content of  $5.9 \text{ g/m}^3$ , and a dew point of  $+7^\circ\text{C}$ . (Minimum Requirements)

Note: Minimum 1" Supply Line required from Air Compressor/Dryer Unit.

Note: CO2 Required for Caning Line

Brite Tank Monitor has 1/4" Quick Connect In & Out fittings for the CO2.

### **WATER REQUIREMENTS**

DESCRIPTION	Connection	Quality	RECOMMENDED FLOW	RECOMMENDED PRESSURE
LinCan30 Canning System	3/4" FGH	RO or De-chlorinated/ Filtered City Water	2 GPM	50 PSI

Note: Electrical Power, Water & Air Requirements may change depending on manufacturers' changes to equipment or changes to the order.

### **ELECTRICAL POWER & UTILITY REQUIREMENTS FOR Talbot Farms Rev 1 07/01/15**

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

If your electrician has any questions or requests further clarification please contact John Swancara at (402) 441 -3745, email <service@norlandintl.com>