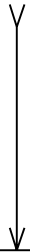


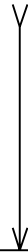
Helium Liquefier - Power Feeds

480 VAC 3 Phase
25 Amp Fuses
Current Draw Is
18.5 Amps Maximum
12.3 KWatt Maximum
9.9 KWatt Steady State
Operates Continuously
When Making Liquid.
Operates 20% of the Time
When Just Storing Liquid.



Cold Head
Pulse Tube
Compressor

208 VAC
30 Amp Circuit
Current Draw Is
20 Amps Maximum
4.2 KWatt Maximum
3.1 KWatt Steady State
Operation Is
Essentially Continuous.



Purifier

208 VAC 3 Phase
30 Amp Circuit
Power Draw 5.5 KWatt
Typically Operates about
20 Minutes per Day.



Storage Tank
Compressor

120 VAC
NEMA 5-15
Power to the
Controller and
Display Screen
in Rm B111

120 VAC
NEMA 5-15
Power to the
Cooling Water
Booster Pump
in the
Sub-Basement