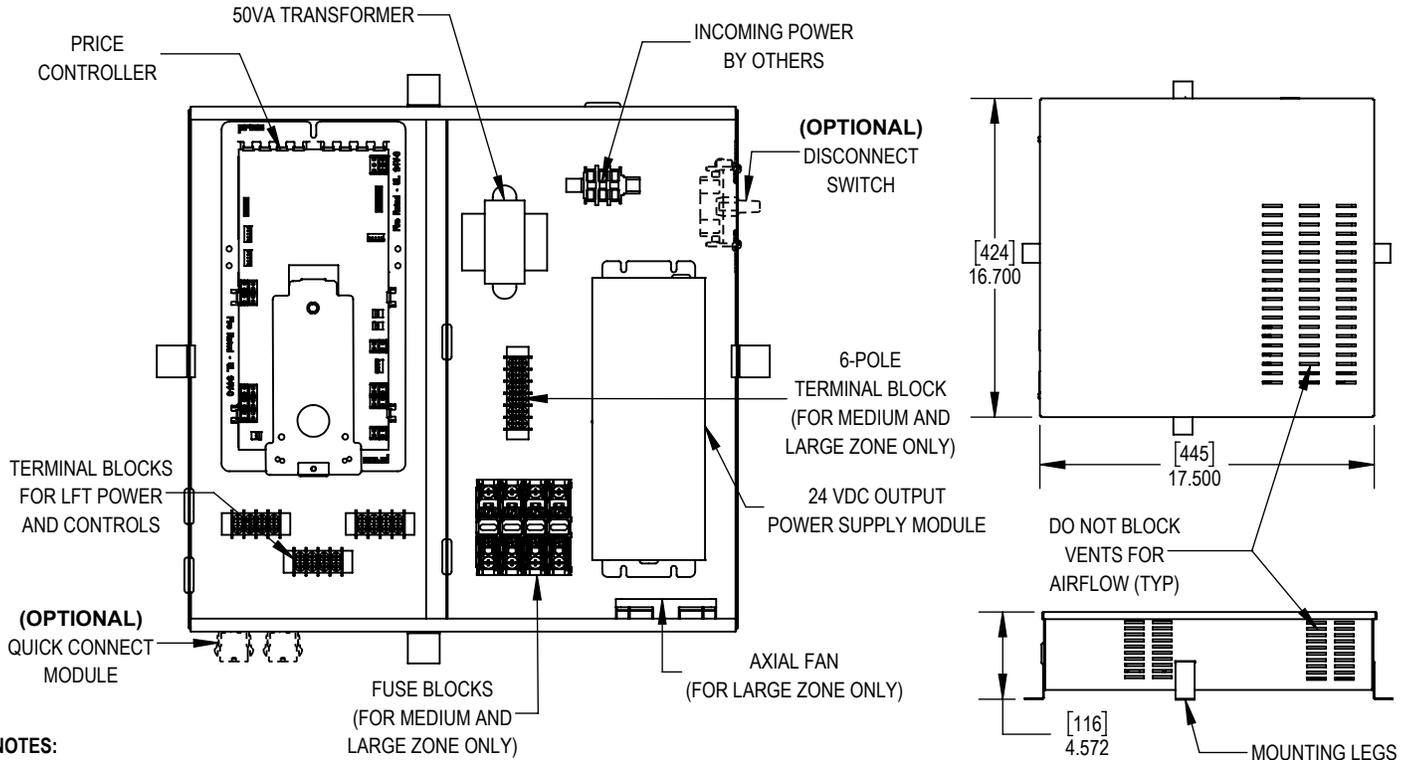


**PCM-LFT - POWER AND CONTROL MODULE FOR LFT  
EHP - CONTROLS BY PRICE**



**NOTES:**

- 20 GA GALVANIZED STEEL CONSTRUCTION
- DO NOT BLOCK VENTS
- MULTIPLE TERMINAL BLOCK CONNECTIONS FOR FIELD DAISY CHAINING BETWEEN THE TERMINALS
- SINGLE HIGH VAC INPUT CONNECTION TERMINAL BLOCK FOR TRANSFORMER AND POWER SUPPLY
- FACTORY TOLERANCE: +/- 1/32" [1]

**MODUFLEX ZONE TYPE:**

- PZ4 - LFT ONLY
- SZ3 - LFT + VAV COOLING DEVICES (CONTROLS UP TO 12 DEVICES)

**ZONE SIZE:**

- SM - SMALL ZONE (100 W POWER SUPPLY)
- MD - MEDIUM ZONE (240 W POWER SUPPLY)
- LG - LARGE ZONE (320 W POWER SUPPLY)

**CONNECTION TYPE:**

- QC - QUICK CONNECT
- BLANK - TERMINAL BLOCK

**DISCONNECT SWITCH:**

- BLANK - NO DISCONNECT SWITCH
- DSW - DISCONNECT SWITCH

**LFT TYPE:**

- LFT-HW - LFT HYDRONIC COIL
- LFT-EC - LFT ELECTRIC COIL

**VALVE CONTROL TYPE (ONLY FOR LFT HYDRONIC COIL):**

- ANA - ANALOG
- BIN - BINARY

**EC COIL CONTROL TYPE (ONLY FOR LFT ELECTRIC COIL):**

- SCR - SCR-SSR CONTROL
- 3-STAGE - 3-STAGES SSR CONTROL

**TRANSFORMER/ INPUT AC VOLTAGE:**

- 120V-1-50VA - 120-24 VAC TRANSFORMER SINGLE PHASE
- 208V-1-50VA - 208-24 VAC TRANSFORMER SINGLE PHASE
- 240V-1-50VA - 240-24 VAC TRANSFORMER SINGLE PHASE
- 277V-1-50VA - 277-24 VAC TRANSFORMER SINGLE PHASE

**THERMOSTAT:**

- SENS - BLANK FACE THERMOSTAT
- DIAL - DIAL SET-POINT THERMOSTAT
- LCD - LCD THERMOSTAT
- MOT - LCD WITH MOTION SENSOR THERMOSTAT
- CO2H - LCD WITH CO2 AND HUMIDITY MONITORING THERMOSTAT

**T-STAT CABLE:**

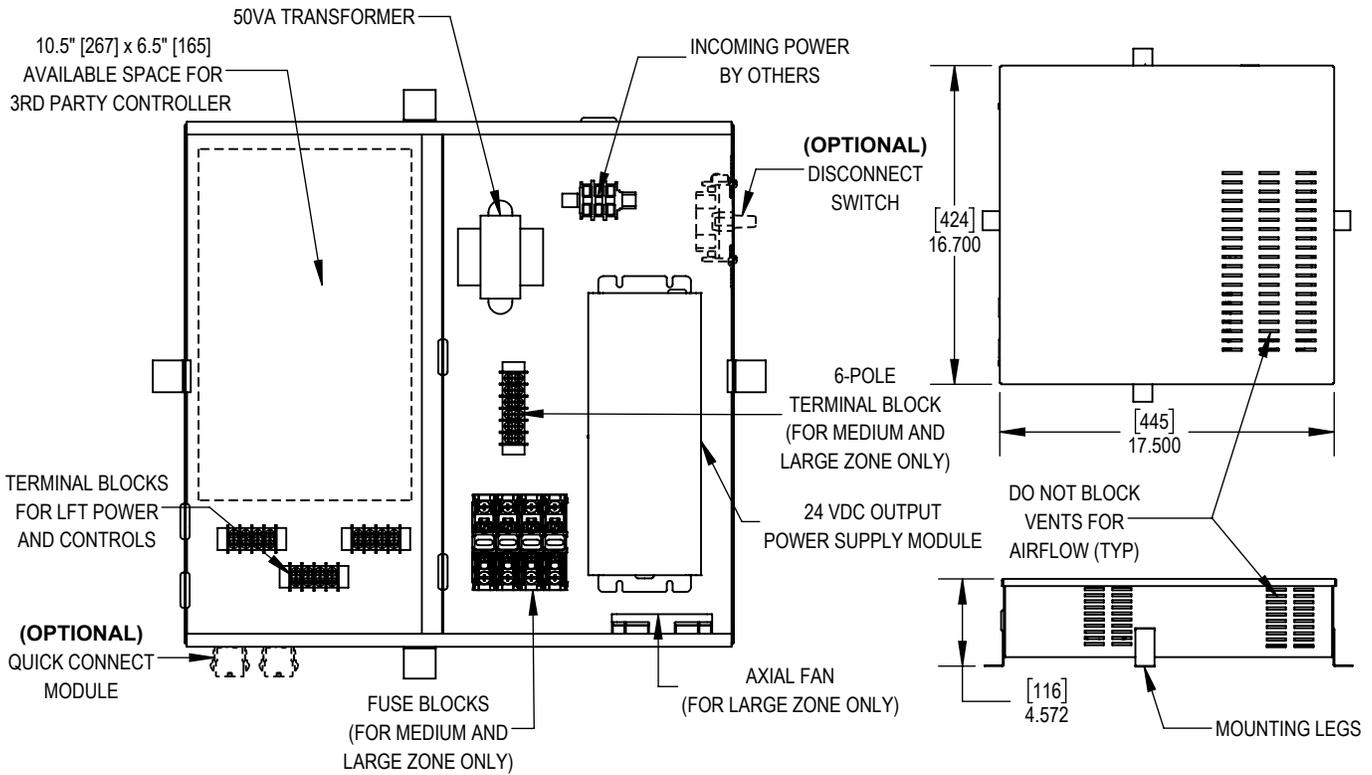
- 15 - 15FT CONTROL CABLE
- 25 - 25FT CONTROL CABLE
- 35 - 35FT CONTROL CABLE

ALL METRIC DIMENSIONS [ ] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.



<b>PROJECT:</b>		<b>price</b>	
<b>ENGINEER:</b>		APPROVED BY: PS	<b>PCM-LFT POWER AND CONTROL MODULE FOR LFT</b>
<b>CUSTOMER:</b>		DRAWING NO: 273663	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	DATE DRAWN: 2024-12-05	

**PCM-LFT - POWER AND CONTROL MODULE FOR LFT  
FLD/FAC - CONTROLS BY OTHERS**



**NOTES:**

- 20 GA GALVANIZED STEEL CONSTRUCTION
- DO NOT BLOCK VENTS
- MULTIPLE TERMINAL BLOCK CONNECTIONS FOR FIELD DAISY CHAINING BETWEEN THE TERMINALS
- SINGLE HIGH VAC INPUT CONNECTION TERMINAL BLOCK FOR TRANSFORMER AND POWER SUPPLY
- FACTORY TOLERANCE: +/- 1/32" [1]

**ZONE SIZE:**

- SM - SMALL ZONE (100 W POWER SUPPLY)
- MD - MEDIUM ZONE (240 W POWER SUPPLY)
- LG - LARGE ZONE (320 W POWER SUPPLY)

**CONNECTION TYPE:**

- QC - QUICK CONNECT
- BLANK - TERMINAL BLOCK

**DISCONNECT SWITCH:**

- BLANK - NO DISCONNECT SWITCH
- DSW - DISCONNECT SWITCH

**LFT TYPE:**

- LFT-HW - LFT HYDRONIC COIL
- LFT-EC - LFT ELECTRIC COIL

**TRANSFORMER/ INPUT AC VOLTAGE:**

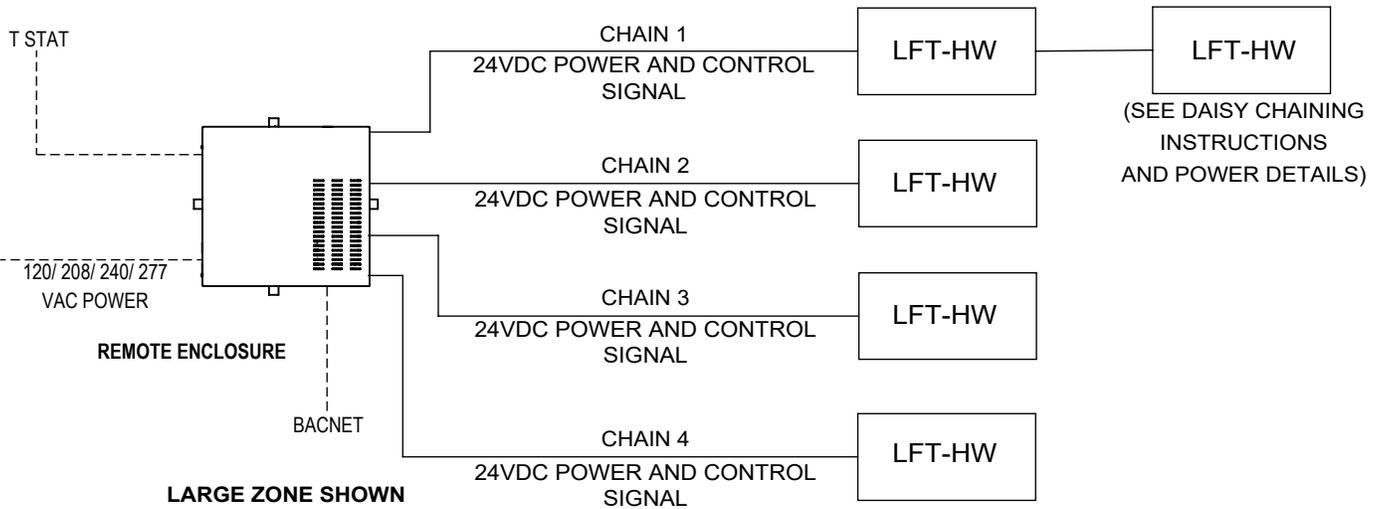
- 120V-1-50VA - 120-24 VAC TRANSFORMER SINGLE PHASE
- 208V-1-50VA - 208-24 VAC TRANSFORMER SINGLE PHASE
- 240V-1-50VA - 240-24 VAC TRANSFORMER SINGLE PHASE
- 277V-1-50VA - 277-24 VAC TRANSFORMER SINGLE PHASE

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<b>PROJECT:</b>		<b>price</b>	
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		DRAWING NO: 273663	<b>PCM-LFT POWER AND CONTROL MODULE FOR LFT</b>
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	DATE DRAWN: 2024-12-05	

**REMOTE ENCLOSURE + LFT-HWs  
ELECTRICAL CONNECTIONS**



**DAISY CHAINING INSTRUCTIONS:**

1. INSTALL UNITS ON A CHAIN SUCH THAT THE TOTAL NET POWER FOR EACH CHAIN IS NOT MORE THAN 100 WATTS.
2. AVAILABLE CABLE LENGTHS: 15FT, 25FT, 35FT.

**AVAILABLE POWER AND POWER CONSUMPTION VALUES FOR DAISY CHAINING:**

ZONE SIZE	AVAILABLE NET POWER (W)	NUMBER OF CHAINS
SMALL	100	1 OR 2
MEDIUM	240	3
LARGE	320	4

UNIT LENGTH (IN)	RATED FAN POWER (W)	NET POWER (W)
48	19	22.4
72	39	46.9
96	46	57.7
120	66	79.2

**NOTES:**

1. POWER SUPPLIES ONLY AVAILABLE UP TO 277 VAC.
2. 18 AWG WIRES.

LEGEND: ————— FIELD WIRING (PROVIDED BY PRICE FOR QC OPTION, BY OTHERS FOR TB OPTION)  
 - - - - - FIELD WIRING

ALL METRIC DIMENSIONS [ ] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

**DAISY CHAINING FORMULA:**

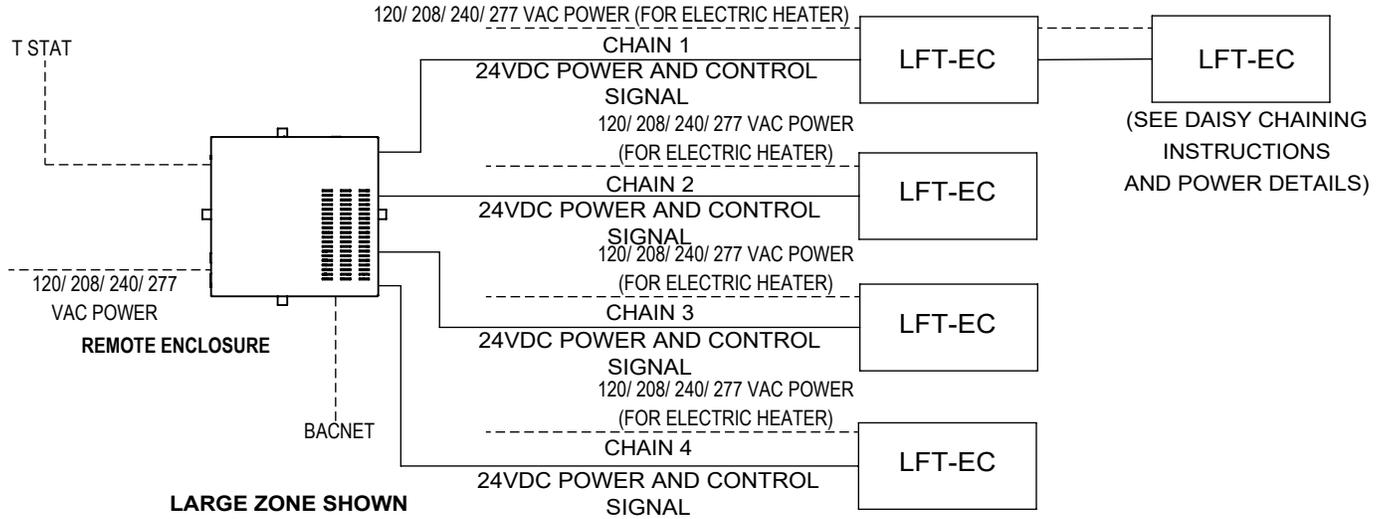
CHAIN TOTAL NET POWER = SUM OF NET POWER OF ALL UNITS ON THE CHAIN

**SAMPLE CALCULATIONS:**

TOTAL NET POWER FOR CHAIN = 72IN UNIT'S NET POWER WITH TWO 72IN UNITS  
 + 72IN UNIT'S NET POWER  
 = 46.9 W + 46.9 W  
 = 93.8 W < 100 W

<b>PROJECT:</b>		<b>price</b> <sup>®</sup>	
<b>ENGINEER:</b>		APPROVED BY: PS	<b>PCM-LFT POWER AND CONTROL MODULE FOR LFT</b>
<b>CUSTOMER:</b>		DRAWING NO: 273663	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	DATE DRAWN: 2024-12-05	

## REMOTE ENCLOSURE + LFT-ECs ELECTRICAL CONNECTIONS



**DAISY CHAINING INSTRUCTIONS:**

1. INSTALL UNITS ON A CHAIN SUCH THAT THE TOTAL NET POWER FOR EACH CHAIN IS NOT MORE THAN 100 WATTS.
2. AVAILABLE CABLE LENGTHS: 15FT, 25FT, 35FT.

**AVAILABLE POWER AND POWER CONSUMPTION VALUES FOR DAISY CHAINING:**

ZONE SIZE	AVAILABLE NET POWER (W)	NUMBER OF CHAINS
SMALL	100	1 OR 2
MEDIUM	240	3
LARGE	320	4

UNIT LENGTH (IN)	RATED FAN POWER (W)	NET POWER (W)
48	19	22.4
72	39	46.9
96	46	57.7
120	66	79.2

**NOTES:**

1. POWER SUPPLIES ONLY AVAILABLE UP TO 277 VAC.
2. 18 AWG WIRES.
3. HIGH VAC CONNECTION FOR ELECTRIC COIL OPERATION REQUIRED INSIDE LFT-EC.

LEGEND: \_\_\_\_\_ FIELD WIRING (PROVIDED BY PRICE FOR QC OPTION, BY OTHERS FOR TB OPTION)  
 - - - - - FIELD WIRING

ALL METRIC DIMENSIONS [ ] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

**DAISY CHAINING FORMULA:**

CHAIN TOTAL NET POWER = SUM OF NET POWER OF ALL UNITS ON THE CHAIN

**SAMPLE CALCULATIONS:**

TOTAL NET POWER FOR CHAIN = 72IN UNIT'S NET POWER  
 WITH TWO 72IN UNITS + 72IN UNIT'S NET POWER  
 = 46.9 W + 46.9 W  
 = 93.8 W < 100 W

<b>PROJECT:</b>		<b>price</b>	
		<b>APPROVED BY:</b> PS	<b>PCM-LFT POWER AND CONTROL MODULE FOR LFT</b>
<b>ENGINEER:</b>		<b>DRAWING NO:</b> 273663	
<b>CUSTOMER:</b>		<b>DATE DRAWN:</b> 2024-12-05	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>		