

NOTES:

- TOTAL CONNECTED LOAD NOT TO EXCEED 2 AMPS (MAXIMUM 12 LFG/RFB)
- POWER, DAMPER POSITION, AND OUTPUT STATUS LEDS
- FACTORY TOLERANCE +/- 1/32" (1)
- PLASTIC BASE (FIRE RATED)

APPLICATION:

- INPUT SIGNAL FROM DDC CONTROLLER (NO THERMOSTAT) (0-10VDC COOLING, 0-10VDC HEATING)
- PIC-TS-SENS PRICE ROOM SENSOR THERMOSTAT (SEE SUBMITTAL 250050-100)
- PIC-TS-DIAL PRICE DIAL THERMOSTAT (SEE SUBMITTAL 250051-100)
- PIC-TS-LCD PRICE LCD THERMOSTAT (CELCIUS OR FAHRENHEIT OPTION) (SEE SUBMITTAL 250052-100)
- PIC-TS-MOTION PRICE MOTION SENSOR WITH LCD THERMOSTAT (CELCIUS OR FAHRENHEIT OPTION) (SEE SUBMITTAL 250053-100)

- THERMISTOR(S): THERMISTOR 1
 THERMISTOR 2

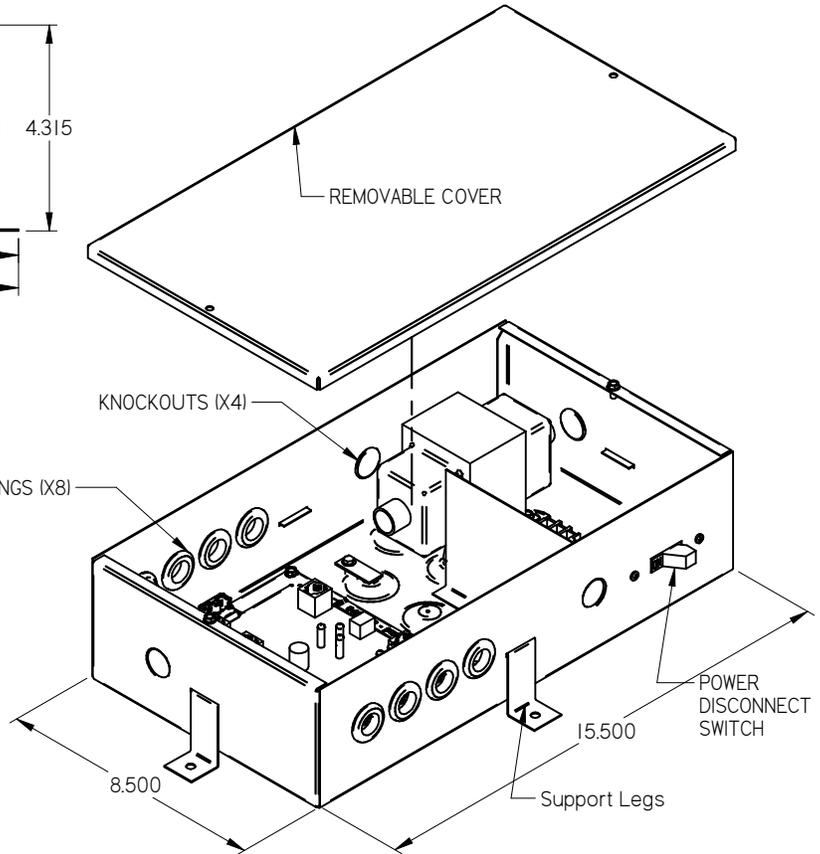
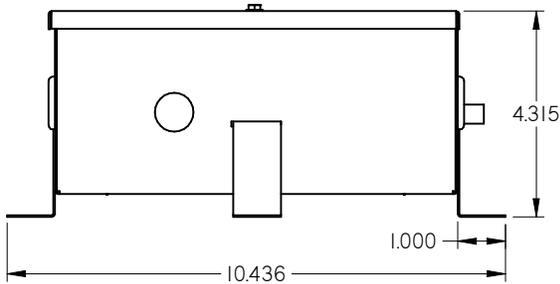
UMCB TERMINAL BOARD DESIGNATIONS

- HOT - 24 VAC HOT
- COM - COMMON
- AI1 - COOLING INPUT
- AI2 - HEATING INPUT
- AI3 - ANALOG INPUT
- COM - COM
- AO1 - FAN OUTPUT (0-10VDC)
- AO2 - ANALOG HEAT OUTPUT (0-10VDC)
- AO3 - AUXILIARY ANALOG OUTPUT
- AO4 - ANALOG OUTPUT
- BO1 - REHEAT STAGE 1 OUTPUT
- BO2 - REHEAT STAGE 2 OUTPUT
- BO3 - REHEAT STAGE 3 OUTPUT
- BO4 - FAN RELAY
- BO5 - AUXILIARY DIGITAL OUTPUT
- COM - COMMON
- HOT - 24 VAC HOT

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price
ENGINEER:		
CUSTOMER:		241527
SUBMITTAL DATE:		2010/03/22
SPEC. SYMBOL:		UMCB UNDERFLOOR MODULATING CONTROLLER - BOX CONTROL

UMC3 - UNDERFLOOR MODULATION CONTROLLER 3



NOTES:

- 96 VA CLASS 2 TRANSFORMER
- ETL CERTIFIED
- TOTAL CONNECTED LOAD NOT TO EXCEED 2 AMPS
MAXIMUM 30 DAMPERS TOTAL
12 OF WHICH CAN BE LFGH
- ONE PLENUM RATED CONNECTION CABLE
PROVIDED WITH EACH RFB/LFGH/DBV
- POWER DISCONNECT SWITCH
- POWER AND SIGNAL STATUS LED'S
- 22 GAUGE GALV. STEEL ENCLOSURE

APPLICATION:

- INPUT SIGNAL FROM DDC CONTROLLER (NO THERMOSTAT) (0 -10V DC COOLING)
- PIC-TS-SENS PRICE ROOM SENSOR THERMOSTAT (SEE SUBMITTAL 250050-100)
- PIC-TS-PRICE DIAL THERMOSTAT (SEE SUBMITTAL 250051-100)
- PIC-TS-LCD PRICE LCD THERMOSTAT (CELCIUS OR FAHRENHEIT OPTION)
(SEE SUBMITTAL 250052-100)
- PIC-TS-MOTION PRICE MOTION SENSOR WITH LCD THERMOSTAT (CELCIUS OR FAHRENHEIT OPTION)
(SEE SUBMITTAL 250053-100)
- WIRELESS D OPTION - WIRELESS THERMOSTAT (DIAL)
AND BASE, INCLUDES ROUND FLOOR DIFFUSER, RING
OR ACCESSORY BASKET (SEE NEXT PAGE)

TRANSFORMER OPTIONS:

- 115/24 VAC 96 VA TRANSFORMER
- 277/24 VAC 96 VA TRANSFORMER

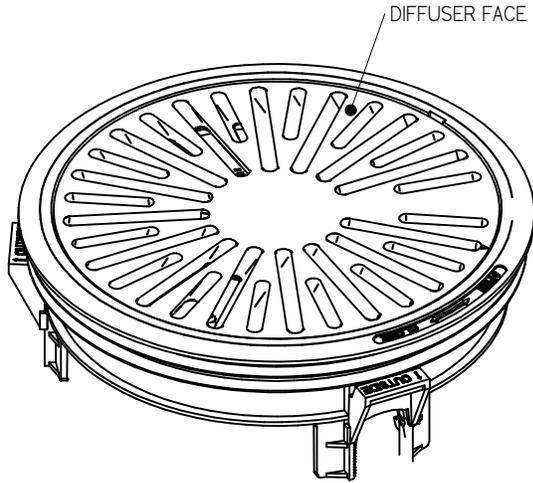


Intertek

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE	UMC3 UNDERFLOOR MODULATING CONTROLLER 3 FOR RFB, LFGH OR DBV
ENGINEER:			
CUSTOMER:		250492	
SUBMITTAL DATE:	SPEC. SYMBOL:	02/01/2011	

WIRELESS D OPTION



FASTENING OPTIONS:

- RPF - RING PRESS FIT
- ZC - ZIP CLIP

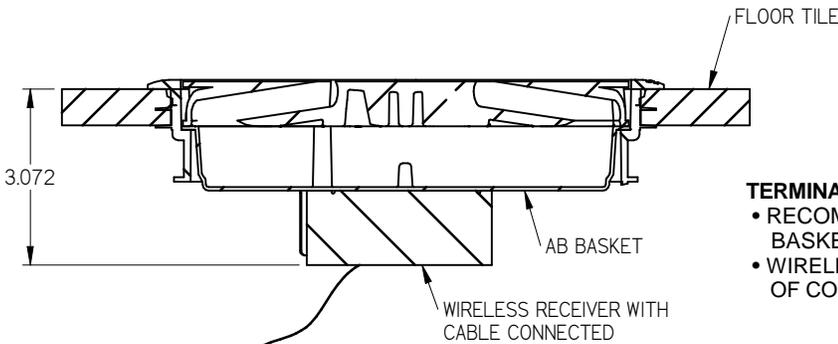
DIFFUSER

FACE OPTIONS:

- RFTD (SHOWN) (SEE SUBMITTAL: 236883)
- RFDD (SEE SUBMITTAL: 247512)

WIRELESS AB BASKET:

- DOES NOT SUPPLY AIR
- ONLY FOR HOLDING/MOUNTING WIRELESS RECEIVER
- ALLOWS FOR RADIO TRANSMISSION
- MOUNT WIRELESS STAT WITHIN 50 FEET OF RECEIVER
- SEE ABOVE SUBMITTALS FOR FLOOR TILE PRECISION OPENING



TERMINAL/CONTROLLER:

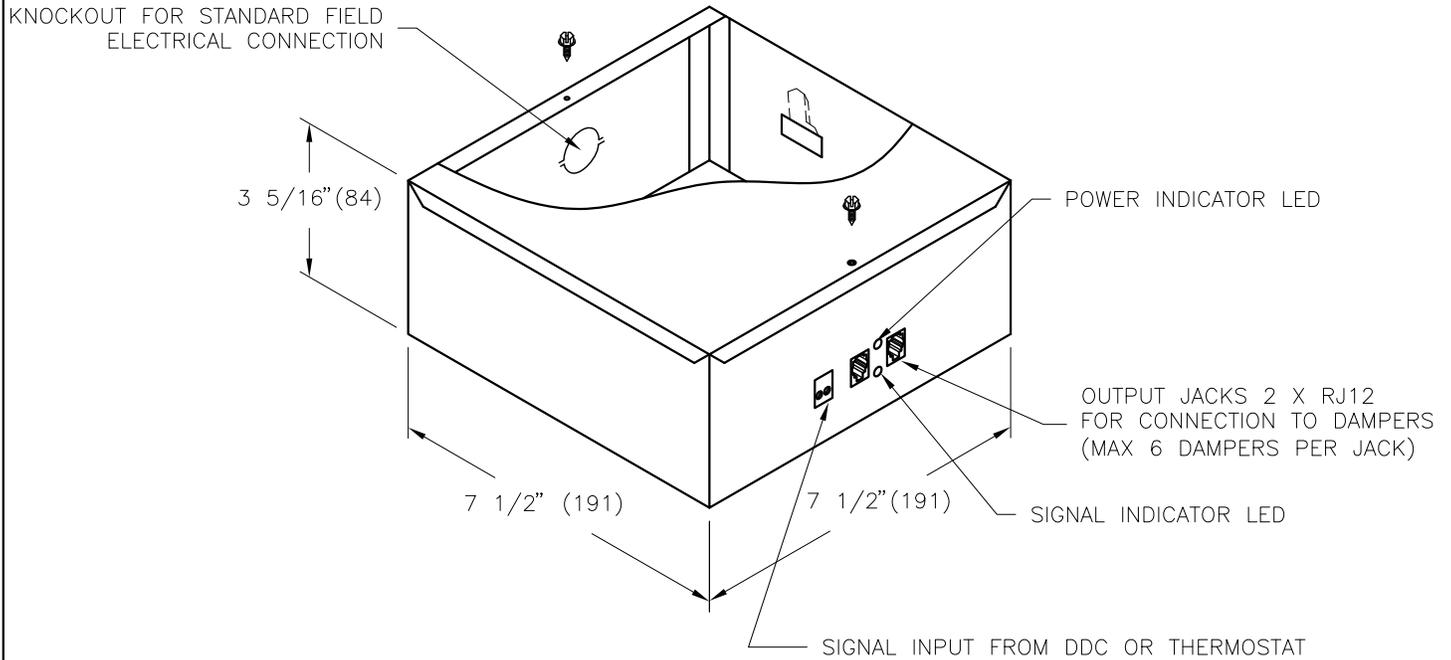
- RECOMMEND DIFFUSER AND WIRELESS ACCESSORY BASKET INSTALLED ON TILE ABOVE CONTROLLER
- WIRELESS ACCESSORY BASKET MUST BE WITHIN 6 FEET OF CONTROLLER



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PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		UMC3
SUBMITTAL DATE:		UNDERFLOOR MODULATING CONTROLLER 3 FOR RFB, LFGH OR DBV
SPEC. SYMBOL:		250492
		02/01/2011

UMC1 - Underfloor Modulating Controller, Version 1



NOTES:

- 50 VA CLASS 2 TRANSFORMER
- ETL CERTIFIED
- TOTAL CONNECTED LOAD NOT TO EXCEED 2 AMPS (MAXIMUM 12 DAMPERS)
- ONE PLENUM RATED CONNECTION CABLE PROVIDED WITH EACH DAMPER
- POWER DISCONNECT SWITCH
- POWER AND SIGNAL STATUS LED'S
- 3 x 1/4\" (6) MOUNTING HOLES ON BOTTOM

TRANSFORMER OPTIONS:

- 115/24 VAC 50 VA TRANSFORMER
- 277/24 VAC 50 VA TRANSFORMER

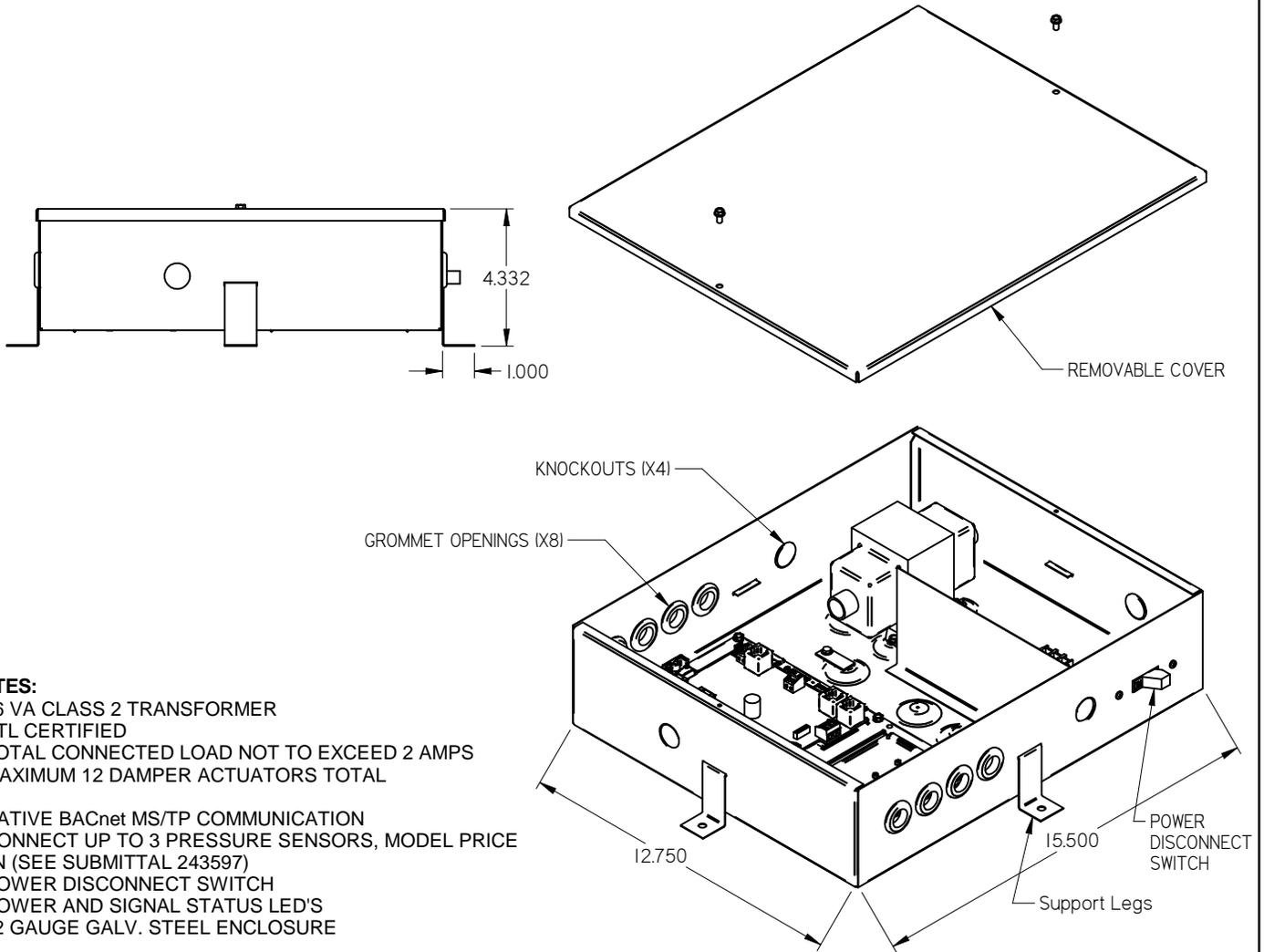
APPLICATION:

- INPUT SIGNAL FROM DDC CONTROLLER (NO THERMOSTAT) (0-10V DC COOLING)
- DIAL ADJUSTABLE T-STAT

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PROJECT:		PRICE®	
ENGINEER:		<i>DS</i>	UMC1 UMC1 UNDERFLOOR MODULATING CONTROLLER
CUSTOMER:			
SUBMITTAL DATE:	SPEC. SYMBOL:	2010/09/28	

PCU - PRESSURE CONTROLLER FOR UNDERFLOOR AIR DISTRIBUTION



NOTES:

- 96 VA CLASS 2 TRANSFORMER
- ETL CERTIFIED
- TOTAL CONNECTED LOAD NOT TO EXCEED 2 AMPS
- MAXIMUM 12 DAMPER ACTUATORS TOTAL

- NATIVE BACnet MS/TP COMMUNICATION
- CONNECT UP TO 3 PRESSURE SENSORS, MODEL PRICE RPN (SEE SUBMITTAL 243597)
- POWER DISCONNECT SWITCH
- POWER AND SIGNAL STATUS LED'S
- 22 GAUGE GALV. STEEL ENCLOSURE

APPLICATION:

CONSTANT VOLUME

VARIABLE VOLUME WITH :

- PRICE ROOM SENSOR THERMOSTAT (SEE SUBMITTAL 250050-100)
- DIAL THERMOSTAT (SEE SUBMITTAL 250051-100)
- PRICE LCD THERMOSTAT (CELCIUS OR FAHRENHEIT OPTION) (SEE SUBMITTAL 250052-100)
- PRICE MOTION SENSOR WITH LCD THERMOSTAT (CELCIUS OR FAHRENHEIT OPTION) (SEE SUBMITTAL 250053-100)

TRANSFORMER OPTIONS:

- 120/24 VAC 96 VA TRANSFORMER
- 277/24 VAC 96 VA TRANSFORMER
- 240/24 VAC 96 VA TRANSFORMER

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PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		<i>CR</i>
SUBMITTAL DATE:		259514
SPEC. SYMBOL:		2015/03/20
		PCU PRESSURE CONTROLLER FOR UNDERFLOOR PLENUM