

UNIT SIZE	FLOW RANGE	A	L
6	0 - 450 CFM (0 - 212 L/s)	6" (152)	20 3/8" (518)
8	0 - 800 CFM (0 - 378 L/s)	8" (203)	
10	0 - 1350 CFM (0 - 637 L/s)	10" (254)	20 7/8" (530)
12	0 - 2100 CFM (0 - 991 L/s)	12" (305)	23 1/8" (587)
14	0 - 3000 CFM (0 - 1416 L/s)	14" (356)	24 1/8" (613)
16	0 - 4000 CFM (0 - 1888 L/s)	16" (406)	26 1/8" (664)

STANDARD CONSTRUCTION:

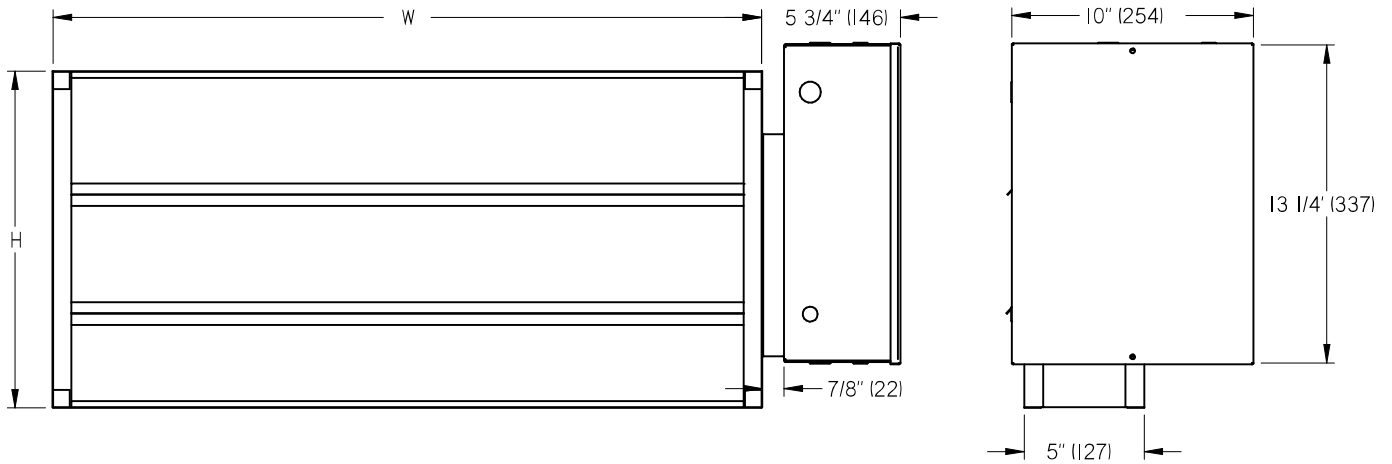
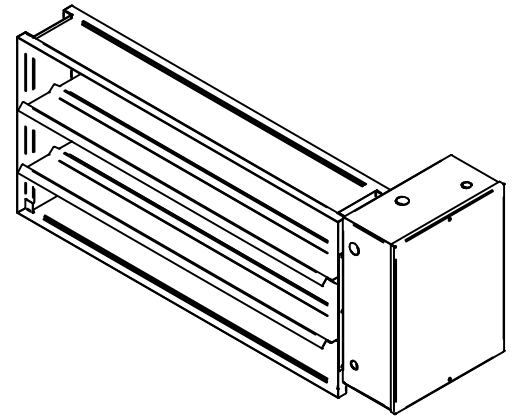
- 22 GA. ZINC COATED STEEL HOUSING. MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION
- CONTROLS ASSEMBLY WILL BE SUPPLIED AS ILLUSTRATED ON RIGHT HAND SIDE UNLESS SPECIFIED OTHERWISE
- STATIC PRESSURE PROBE FACTORY PROVIDED FOR FIELD INSTALLATION
- PRESSURE INDEPENDENT ELECTRIC CONTROLLER & ACTUATOR FACTORY MOUNTED

OPTIONS:

- BACnet INTERFACE
- 24-24V DDC ISOLATION TRANSFORMER
- 115-24V STEP DOWN TRANSFORMER
- 230-24V STEP DOWN TRANSFORMER

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

PROJECT:			
ENGINEER:			PIM
CUSTOMER:		268754	PRESSURE INDEPENDENCE MODULE ROUND DAMPER
SUBMITTAL DATE:	SPEC. SYMBOL:	AUG 2017	



DAMPER DIMENSIONS			
W		H	
MIN	MAX	MIN	MAX
6" (152)	48" (1219)	6" (152)	36" (914)

STANDARD CONSTRUCTION:

- FRAME: ROLL-FORMED 20 GA. GALV STEEL HAT SECTION WITH STAKED CORNERS WITH INTERGRAL BRACING
- BLADES: 16 GA. GALV STEEL ROLL FORMED, TRIPLE VEE PROFILE
- STATIC PRESSURE PROBE FACTORY PROVIDED FOR FIELD INSTALLATION
- PRESSURE INDEPENDENT ELECTRIC CONTROLLER & ACTUATOR FACTORY MOUNTED

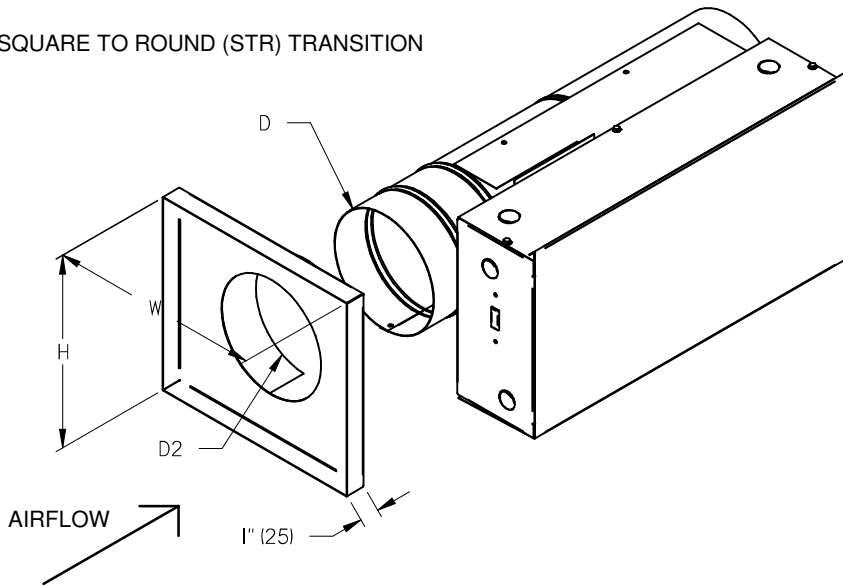
OPTIONS:

- LOW LEAKAGE BLADE SEALS
- BACnet INTERFACE
- 24-24V DDC ISOLATION TRANSFORMER
- 115-24V STEP DOWN TRANSFORMER
- 230-24V STEP DOWN TRANSFORMER

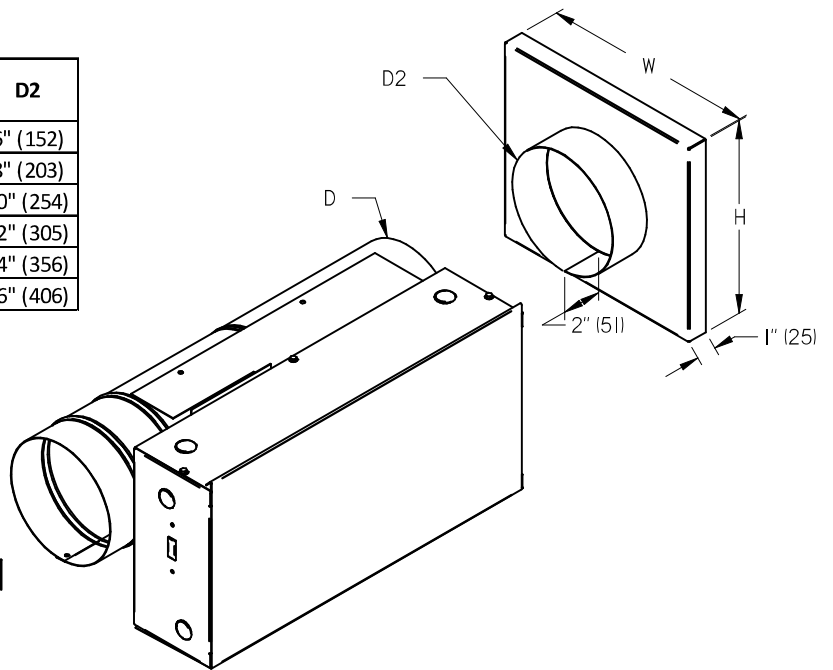
ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:			
ENGINEER:			PIM
CUSTOMER:		268755	PRESSURE INDEPENDENCE MODULE SQUARE DAMPER
SUBMITTAL DATE:	SPEC. SYMBOL:	AUG 2017	

SQUARE TO ROUND (STR) TRANSITION



UNIT SIZE	D	W	H	D2
06	5 7/8" (149)	10 7/8" (276)	9 7/8" (251)	6" (152)
08	7 7/8" (200)	14 7/8" (378)	9 7/8" (251)	8" (203)
10	9 7/8" (251)	15 7/8" (403)	13 7/8" (352)	10" (254)
12	11 7/8" (302)	16 7/8" (429)	16 7/8" (429)	12" (305)
14	13 7/8" (352)	17 7/8" (454)	18 7/8" (479)	14" (356)
16	15 7/8" (403)	23 7/8" (606)	18 7/8" (479)	16" (406)



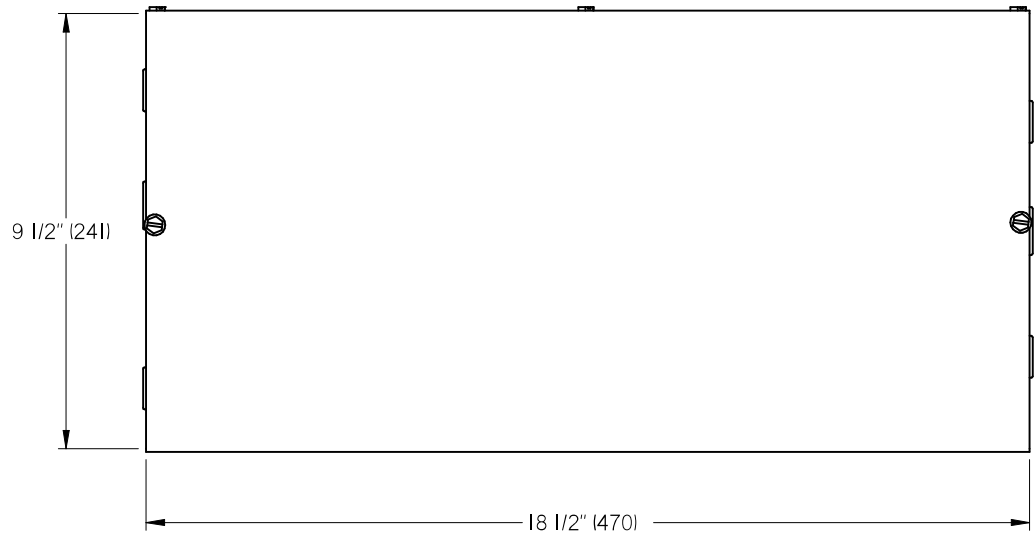
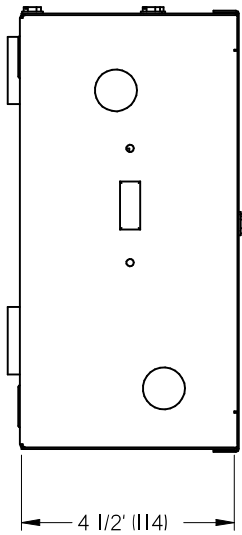
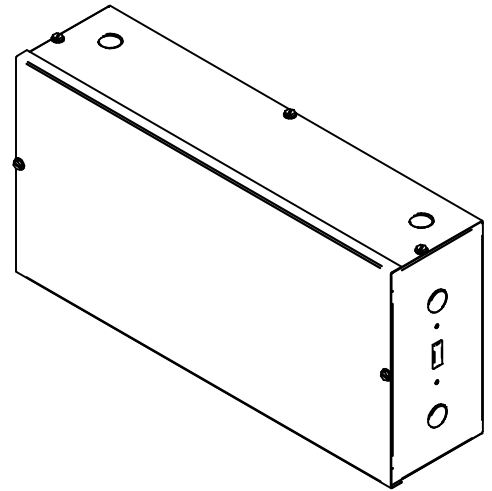
ROUND TO SQUARE (RTS) TRANSITION

STANDARD CONSTRUCTION:

- 22 GA. GALVANIZED STEEL HOUSING CONSTRUCTION
- TRANSITIONS SHIPPED LOOSE

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

PROJECT:		
ENGINEER:		
CUSTOMER:		PIM ROUND DAMPER TRANSITIONS
SUBMITTAL DATE:	SPEC. SYMBOL:	268758
		AUG 2017



STANDARD CONSTRUCTION:

- 22 GA. ZINC COATED STEEL HOUSING. MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION
- STATIC PRESSURE PROBE FACTORY PROVIDED FOR FIELD INSTALLATION
- PRESSURE INDEPENDENT ELECTRIC CONTROLLER & ACTUATOR FACTORY MOUNTED

OPTIONS:

- BACnet INTERFACE
- NO TRANSFORMER (ENCLOSURE NOT INCLUDED)
- 24-24V DDC ISOLATION TRANSFORMER
- 115-24V STEP DOWN TRANSFORMER
- 230-24V STEP DOWN TRANSFORMER

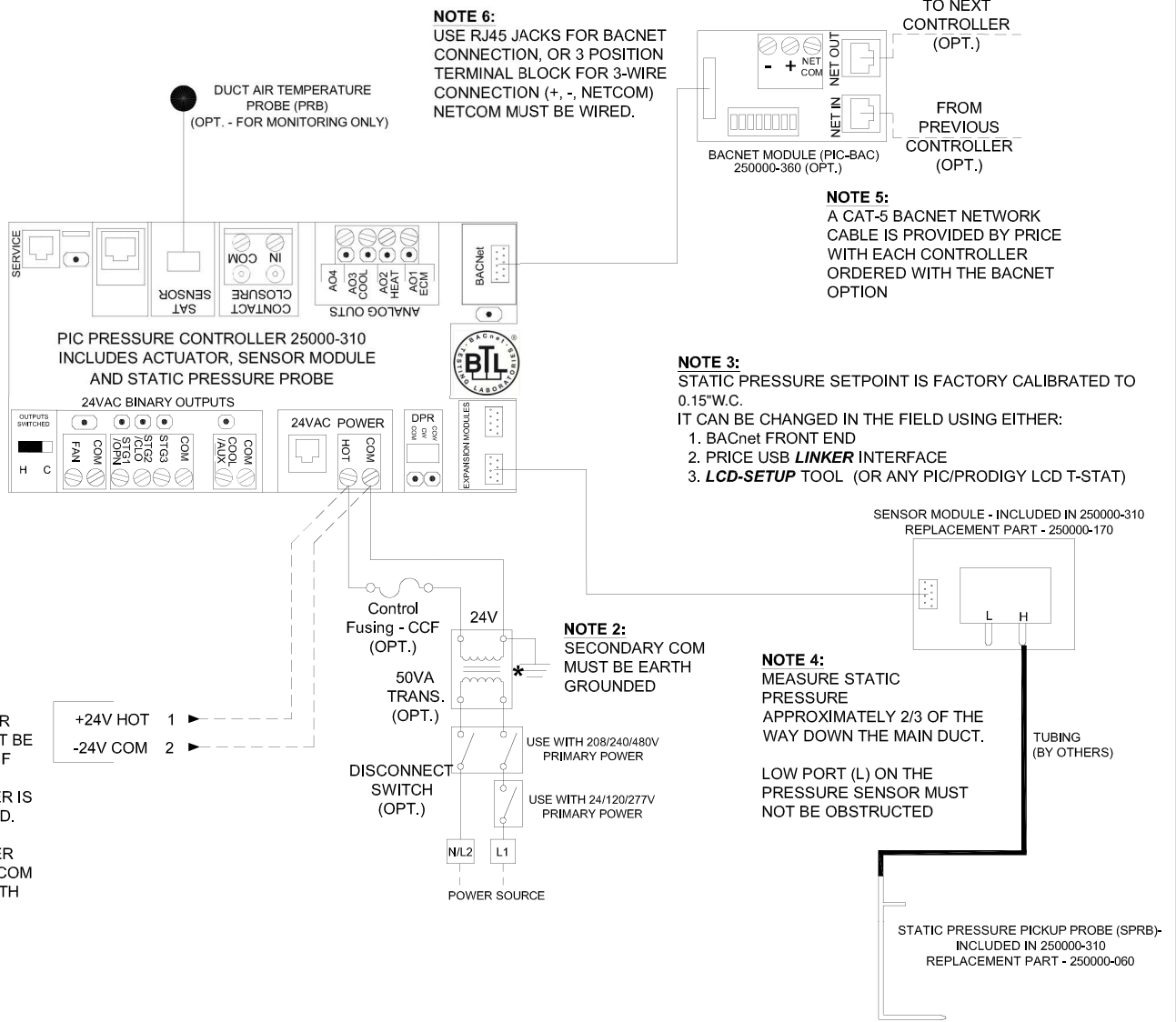
ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:			
ENGINEER:			PIM PRESSURE INDEPENDENCE MODULE PIM ONLY
CUSTOMER:		269579	
SUBMITTAL DATE:	SPEC. SYMBOL:	DEC 2017	



PCV & PIM DIGITAL CONTROLS

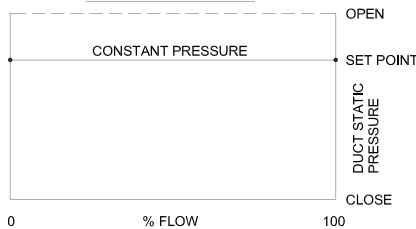
Control Sequence Number 1550



LEGEND

- FIELD INSTALLED SENSOR TUBING
- FACTORY ELECTRICAL WIRING
- FIELD ELECTRICAL WIRING

CONTROL GRAPH



Sequence of Operation – Constant Pressure, Bypass.

On startup, the controller will calibrate to the fully-open position for 2 minutes.

On an increase in duct static pressure the controller/actuator will open the VAV damper to increase the amount of air bypassed.

On a decrease in duct static pressure the controller/actuator will close the VAV damper to reduce the amount of air by-passed. Duct static pressure is held constant.

Upon detection of air handler shutdown (Zero duct pressure with bypass damper fully closed), the controller/actuator will place the damper at the pre-selected setback position (default: 50 % open)

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2/28/2018

SPEC. SYMBOL:

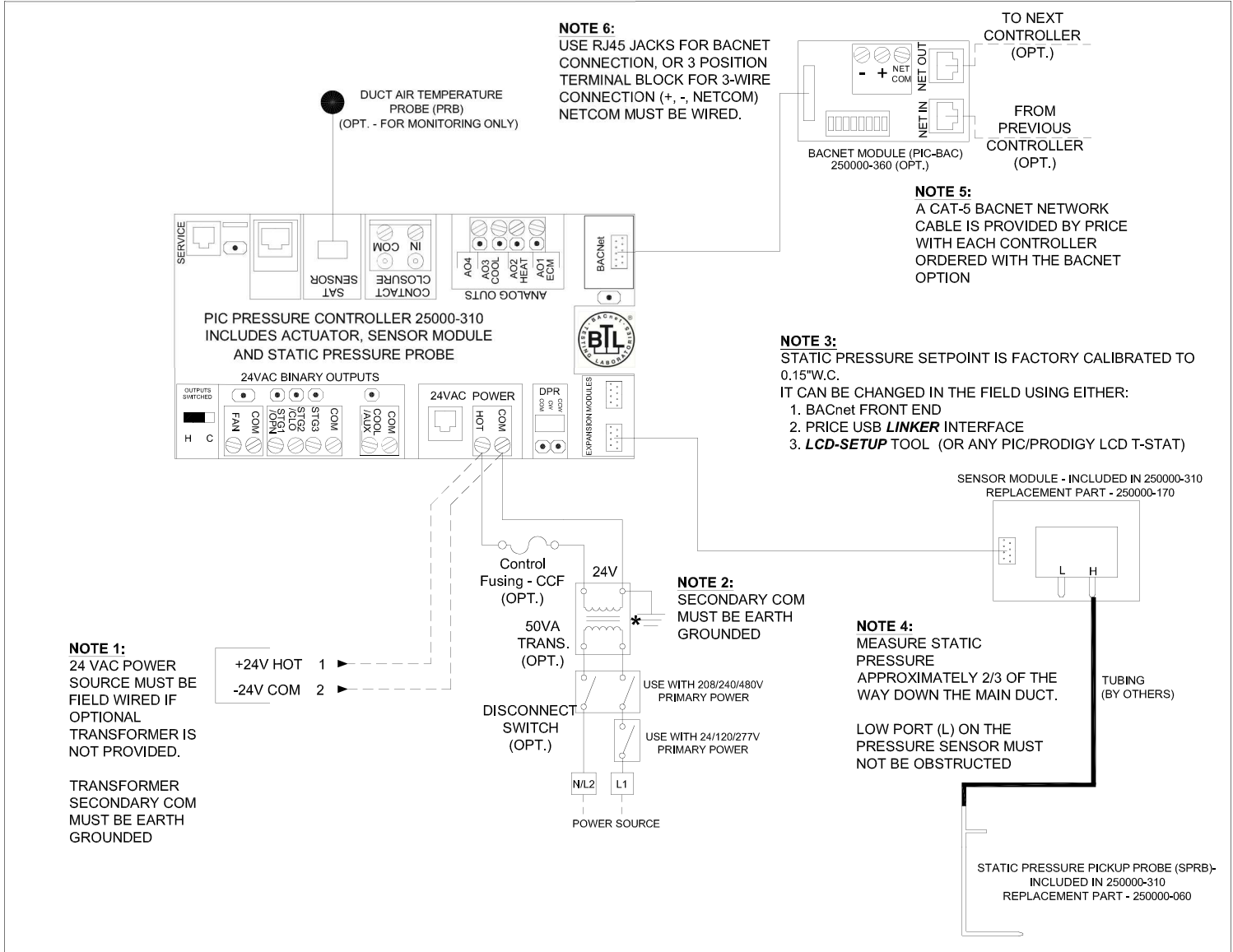
PRICE[®]

Handwritten initials: JR, MB

**PCV
PIC PRESSURE CONTROLLER**
PRICE INTELLIGENT CONTROLLER
CONSTANT PRESSURE
BYPASS
DIGITAL S.P. ADJUST

256047

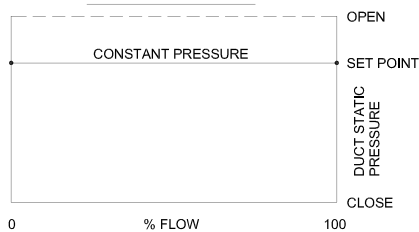
2011/07/29



LEGEND

- FIELD INSTALLED SENSOR TUBING
- FACTORY ELECTRICAL WIRING
- - - - - FIELD ELECTRICAL WIRING

CONTROL GRAPH



Sequence of Operation -- Constant Pressure, Downstream.
On startup, the controller will calibrate to the fully-closed position for 2 minutes.

On an increase in duct static pressure the controller/actuator will close the VAV damper to decrease the amount of air delivered downstream of the box.
On a decrease in duct static pressure the controller/actuator will open the VAV damper to increase the amount of air delivered downstream of the box.
Duct static pressure is held constant.

Upon detection of air handler shutdown (Zero duct pressure with VAV damper fully open), the controller/actuator will place the damper at the pre-selected setback position (default: 50 % open)

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2/28/2018

SPEC. SYMBOL:

Handwritten initials: JR MB

**PCV
PIC PRESSURE CONTROLLER**
PRICE INTELLIGENT CONTROLLER
CONSTANT PRESSURE
DOWNSTREAM
DIGITAL S.P. ADJUST

256048

2017/15/12