

Mount Vernon ARTB
AHU - 1

SYSTEM ENABLE HEAT-COOL MODE

SYSTEM
ON

HEAT
HEAT

HIGH STATIC PRESS
NORMAL

LOW TEMP DELT
NORMAL

FIRE ALARM
NORMAL

EXH STATIC PRESS
0.41 IN H₂O

EXH STATIC SPT
875 IN H₂O

EXHAUST TEMP
47.81 deg F

BUILDING
MODE

NIGHT TIME
OFF

OUTSIDE
AIR TEMP

43.34 deg F

RETURN PRESS
ON

RETURNED AIR FLOW
0.30 % DELT

OUTSIDE AIR DAMP
OPEN

HEAT AIR TEMP
55.14 deg F

WALL RM TEMP
74.36 DEG F

WIGHT CLD SPT
74.66 DEG F

WEL RM TEMP
72.00 DEG F

WIGHT WEG SPT
69.00 DEG F

FILTER
DIRTY

HEATING STAGES
ON/OFF

OFF
OFF
OFF
OFF

GAS DRAIN SPT
NORMAL

LP FLOW
0.7 PPM

WEG LOCKOUT
15.50

HEAT
ON

HEAT
ON

HEAT
ON

COOLING STAGES
ON/OFF STATUS

OFF
OFF
OFF
OFF

CLD LOCKOUT
0.00 % CLD

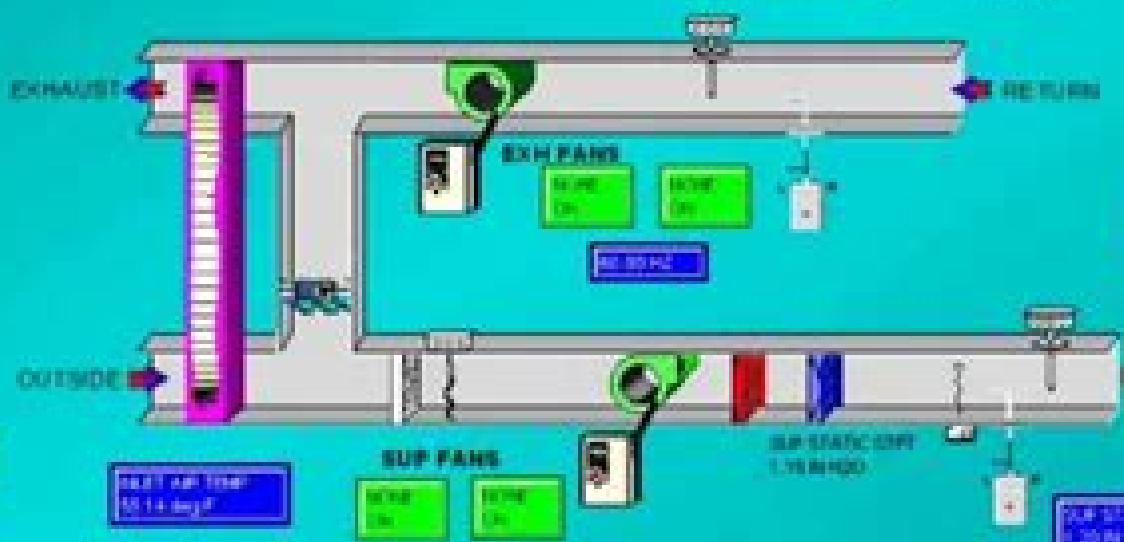
SUPPLY AIR TEMP
54.77 deg F

SUPPLY AIR SPT
848 IN H₂O

SUP STATIC PRESS
0.30 IN H₂O

WEG CLD DEMAND
0.00 % CLD

CLD WEG DEMAND
1.00



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Energy Management Systems And Direct Digital Control

D. Paul Mehta, Albert Thumann



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Direct Digital Control John J. McGowan, 1995

Direct Digital Control Systems Mary S. Nardone, 2012-12-06 Direct Digital Control Systems Application Commissioning offers an insightful examination of the critical role of the DDC system in the commissioning process Included is solid coverage of microprocessor based control systems combined with the protocols and procedures needed to effectively integrate DDC system validation into systems commissioning This field handbook is an everyday reference on Direct Digital Control for commissioning personnel Whether designer contractor air balancer technician vendor commissioning agent owner operator or student increasing one's knowledge of DDC control systems will directly improve project performance

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Direct Digital Control of Building Systems H. Michael Newman, 1994 It emphasizes throughout the high performance reliability and reduced cost of modern digital sensors control devices microprocessors computer memory and other electronic components

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control systems and what the future holds for this dynamic field is covered throughout Handbook of Energy Engineering, Sixth Edition Albert Thumann,D. Paul Mehta,2001-01-31 This fully updated comprehensive reference will guide you step by step in applying the principles of energy engineering and management to the design of electrical HVAC utility process and building systems for both new and retrofit projects You will learn how to do an energy analysis of any system Detailed presentations cover electrical system optimization state of the art lighting and lighting controls thermal storage cogeneration HVAC system optimization HVAC and building controls and computer technologies The fifth edition includes a new chapter covering codes standards and legislation as well as a new chapter on compressed air systems You ll also find coverage on use of innovative third party financing mechanisms such as performance contracting to implement energy cost reduction measures The text is thoroughly illustrated with tables graphs diagrams and sample problems with worked out solutions

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