CONTROL PACKAGE INDEX
DUAL DUCT • PNEUMATIC
MODEL: P3210 WITHOUT MIXING ATTENUATOR

VARIABLE VOLUME • HOT AND COLD AIRFLOW • NON-MIXING APPLICATIONS AND ZERO MINIMUM PRESSURE INDEPENDENT • COLD AND HOT INLET SENSING

T'STAT TYPE		DECK HAND		PNEUMATIC FAILURE STATE				
				COLD DECK		HOT DECK		
Direct Acting	Reverse Acting	Cold deck RH/Hot deck LH, OR	Cold deck LH/Hot deck RH, OL	Normally open	Normally closed	Normally open	Normally closed	CONTROL SEQUENCE Sensor Location 3A
•		•		•		•		DP1-101
•		•		•			•	DP1-102
•		•			•	•		DP1-103
•		•			•		•	DP1-104
•			•	•		•		DP1-105
•			•	•			•	DP1-106
•			•		•	•		DP1-107
•			•		•		•	DP1-108
	•	•		•		•		DP1-109
	•	•		•			•	DP1-110
	•	•			•	•		DP1-111
	•	•			•		•	DP1-112
	•		•	•		•		DP1-113
	•		•	•			•	DP1-114
	•		•		•	•		DP1-115
	•		•		•		•	DP1-116

NOTES:

1. Diamond Flow Sensor Location (Configuration):
   3A: Cold and hot duct inlet sensors.
2. Contact the factory for variable volume and constant volume mixing applications using this sensor arrangement. Downstream total air sensing is preferred for improved accuracy. See page 2 and 3.

SCHEDULE TYPE:	Page 1 of 3 Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**10 - 8 - 10**	**3200**	**SEPT 1994**	**CPINDEX 2.0**

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Nailor® Industries Inc.

CONTROL PACKAGE INDEX
DUAL DUCT • PNEUMATIC
MODELS: P3230 & P3240 WITH MIXING ATTENUATOR

VARIABLE VOLUME • HOT AND COLD AIRFLOW WITH MIXING AT MINIMUM FLOW
TOTAL AIR SENSING IN COMMON DISCHARGE • PRESSURE INDEPENDENT

T'STAT TYPE		DECK HAND		PNEUMATIC FAILURE STATE				CONTROL SEQUENCE	
				COLD DECK		HOT DECK			
Direct Acting	Reverse Acting	Cold deck RH/Hot deck LH, OR	Cold deck LH/Hot deck RH, OL	Normally open	Normally closed	Normally open	Normally closed	Sensor Location 3C	Sensor Locaion 3B
•		•		•		•		DP2-101	DP2-117
•		•		•			•	DP2-102	DP2-118
•		•			•	•		DP2-103	DP2-119
•		•			•		•	DP2-104	DP2-120
•			•	•		•		DP2-105	DP2-121
•			•	•			•	DP2-106	DP2-122
•			•		•	•		DP2-107	DP2-123
•			•		•		•	DP2-108	DP2-124
	•	•		•		•		DP2-109	DP2-125
	•	•		•			•	DP2-110	DP2-126
	•	•			•	•		DP2-111	DP2-127
	•	•			•		•	DP2-112	DP2-128
	•		•	•		•		DP2-113	DP2-129
	•		•	•			•	DP2-114	DP2-130
	•		•		•	•		DP2-115	DP2-131
	•		•		•		•	DP2-116	DP2-132

NOTES:

1. Diamond Flow Sensor Location (Configurations):
   3C: Cold duct inlet sensor and downstream total sensor (hot deck make-up), DP2-101 to 116. Standard.
   3B: Hot duct inlet sensor and downstream total sensor (cold deck make-up), DP2-117 to 132. Optional.
2. Contact the factory for mixing applications that require a cold and hot duct inlet sensor arrangement. Downstream total air sensing is preferred for improved accuracy.

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CONTROL PACKAGE INDEX
DUAL DUCT • PNEUMATIC
MODELS: P3230 & P3240 WITH MIXING ATTENUATOR

CONSTANT VOLUME • MIXING HOT AND COLD AIRFLOW
TOTAL AIR SENSING IN COMMON DISCHARGE • PRESSURE INDEPENDENT

T'STAT TYPE		DECK HAND		PNEUMATIC FAILURE STATE				CONTROL SEQUENCE	
				COLD DECK		HOT DECK			
Direct Acting	Reverse Acting	Cold deck RH/Hot deck LH, OR	Cold deck LH/Hot deck RH, OL	Normally open	Normally closed	Normally open	Normally closed	Sensor Location 3C	Sensor Locaion 3B
•		•		•		•		DP3-101	DP3-117
•		•		•			•	DP3-102	DP3-118
•		•			•	•		DP3-103	DP3-119
•		•			•		•	DP3-104	DP3-120
•			•	•		•		DP3-105	DP3-121
•			•	•			•	DP3-106	DP3-122
•			•		•	•		DP3-107	DP3-123
•			•		•		•	DP3-108	DP3-124
	•	•		•		•		DP3-109	DP3-125
	•	•		•			•	DP3-110	DP3-126
	•	•			•	•		DP3-111	DP3-127
	•	•			•		•	DP3-112	DP3-128
	•		•	•		•		DP3-113	DP3-129
	•		•	•			•	DP3-114	DP3-130
	•		•		•	•		DP3-115	DP3-131
	•		•		•		•	DP3-116	DP3-132

NOTES:

1. Diamond Flow Sensor Location (Configurations):
   3C: Cold duct inlet sensor and downstream total sensor (hot deck make-up), DP3-101 to 116. Standard.
   3B: Hot duct inlet sensor and downstream total sensor (cold deck make-up), DP3-117 to 132. Optional.
2. Contact the factory for mixing applications that require a cold and hot duct inlet sensor arrangement. Downstream total air sensing is preferred for improved accuracy.

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