

CODE

CATALOG #



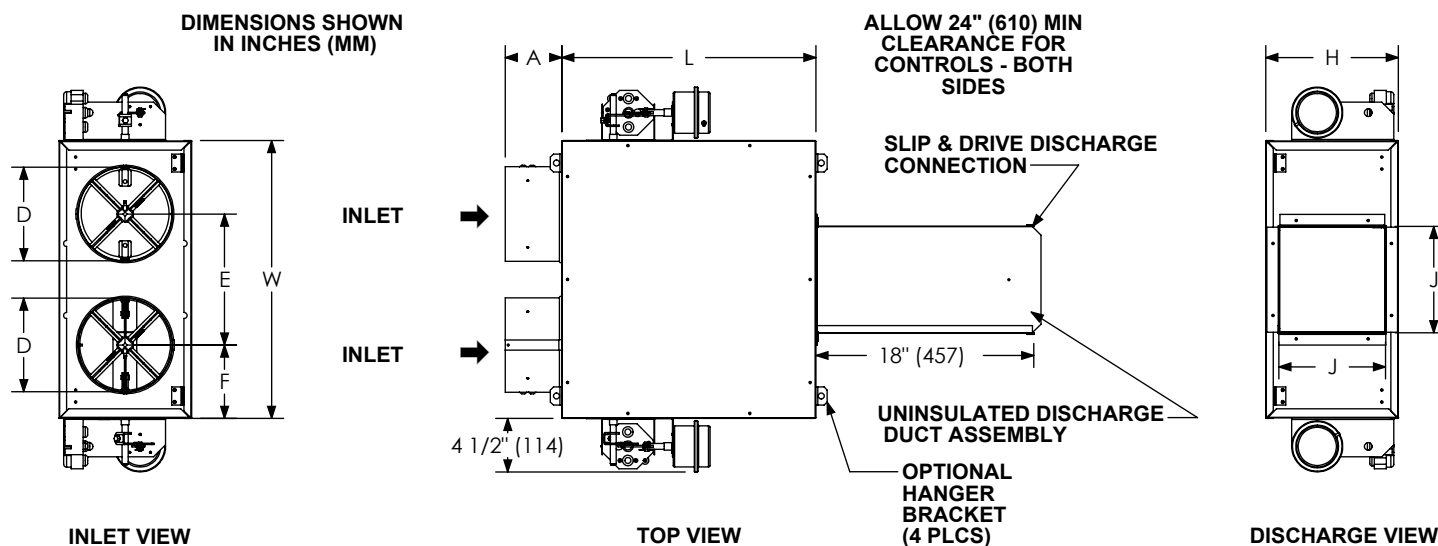
THIS DOCUMENT IS THE PROPERTY OF CARRIER CORPORATION AND IS DELIVERED UPON THE EXPRESS CONDITION THAT THE CONTENTS WILL NOT BE DISCLOSED OR USED WITHOUT CARRIER CORPORATION'S WRITTEN CONSENT.

SUBMISSION OF THESE DRAWINGS OR DOCUMENTS DOES NOT CONSTITUTE PART PERFORMANCE OR ACCEPTANCE OF CONTRACT.

DUAL DUCT VARIABLE OR CONSTANT VOLUME TERMINAL UNIT WITH BLENDING CHAMBER

35N

Pneumatic Controls With Optional Unit Accessories



STANDARD FEATURES:

- 22 GA. Galvanized Steel Construction
- Dual Control Enclosure for Electronic Components
- 1/2" Thick Dual Density Fiberglass Insulation Meeting NFPA 90A and UL 181 Safety Requirements
- Removable Bottom Access Panel Allows Easy Access to Primary Air Damper
- Four Quadrant Averaging Cross Flow Sensor
- Variety of Direct Digital or Analog Control Packages Available
- Discharge Duct Assembly.

OPTIONAL FEATURES:

- ☐ 20 GA. Galvanized Steel Construction
- ☐ Hanger Brackets (Not Available with Steriwall, or Perf Wall Liner Option)
- ☐ Unequal Inlets (See Chart for Available Inlet Options)
- ☐ No Discharge Duct Assembly
- ☐ Linear Averaging Sensor

> LINERS

- ☐ 1" Dual Density Fiberglass
- ☐ 1/2" Cellular
- ☐ 1/2" Foil Encapsulated Fiberglass
- ☐ 1/2" Steriwall
- ☐ Perf Wall (Standard Fiberglass 1/2")
- ☐ Perf Wall (Foil Faced 1/2")
- ☐ No Liner
- ☐ Steriliner
- ☐ 1" Cellular
- ☐ 1" Foil Encapsulated
- ☐ 1" Steriwall
- ☐ Perf Wall (Standard Fiberglass 1")
- ☐ Perf Wall (Foil Faced 1")

COLD INLET	AVAILABLE HOT INLETS									
	4	5	6	7	8	9	10	12	14	16
4	•									
5	•	•								
6	•	•	•							
7	•	•	•	•						
8	•	•	•	•	•					
9	•	•	•	•	•	•				
10	•	•	•	•	•	•	•			
12				•	•	•	•	•		
14				•	•	•	•	•	•	
16				•	•	•	•	•	•	•

Note: • indicates sizes offered

> SENSOR LOCATIONS

- ☐ Hot Inlet and Discharge*
- ☐ Cold Inlet and Discharge*
- ☐ Cold Inlet and Hot Inlet
- ☐ Cold Inlet, Hot Inlet, and Discharge*

* Four Quadrant Sensor Used for Discharge Sensing Option

LMHDT BASE UNIT									
INLET SIZE	TOTAL MAX CFM (L/s)	L	W	H	A	D	E	F	DISCHARGE J
4	460 (218)	17 15/16 (456)	19 3/16 (487)	8 7/8 (225)	6 7/8 (175)*	3 7/8 (98)	8 15/16 (226)	5 (127)	6 7/8 (175)
5	720 (340)	17 15/16 (456)	19 3/16 (487)	8 7/8 (225)	6 7/8 (175)*	4 7/8 (124)	8 15/16 (226)	5 (127)	6 7/8 (175)
6	930 (438)	17 15/16 (456)	19 3/16 (487)	8 7/8 (225)	4 7/8 (123)	5 7/8 (149)	8 15/16 (226)	5 (127)	6 7/8 (175)
7	1400 (660)	21 3/16 (538)	23 3/16 (589)	10 7/8 (276)	6 7/8 (175)*	6 7/8 (200)	10 15/16 (277)	6 (152)	8 7/8 (225)
8	1705 (804)	21 3/16 (538)	23 3/16 (589)	10 7/8 (276)	4 7/8 (123)	7 7/8 (200)	10 15/16 (277)	6 (152)	8 7/8 (225)
9	1795 (847)	30 5/8 (778)	27 3/16 (690)	13 7/8 (352)	4 7/8 (123)	8 7/8 (251)	12 15/16 (328)	7 (178)	9 7/8 (251)
10	1795 (847)	30 5/8 (778)	27 3/16 (690)	13 7/8 (352)	4 7/8 (123)	9 7/8 (251)	12 15/16 (328)	7 (178)	9 7/8 (251)
12	2840 (1339)	33 7/8 (860)	33 3/16 (843)	15 7/8 (403)	6 7/8 (175)	11 7/8 (302)	17 (432)	8 (203)	11 7/8 (302)
14	3535 (1667)	37 7/16 (951)	37 3/16 (944)	18 1/4 (464)	6 7/8 (175)	13 7/8 (352)	19 (483)	9 (229)	13 7/8 (352)
16	5235 (2470)	40 15/16 (1040)	41 3/16 (1046)	18 1/4 (464)	6 7/8 (175)	15 7/8 (403)	21 (533)	10 (254)	15 7/8 (403)

* Sizes 4, 5, and 7 include a 2" long inlet adaptor.

JOB NAME

JOB NUMBER

LOCATION

DRAWING NUMBER

BUYER

BUYER #

REVISION

SHEET
1 OF 1**35N-202-2**