



VRHC
(-3)

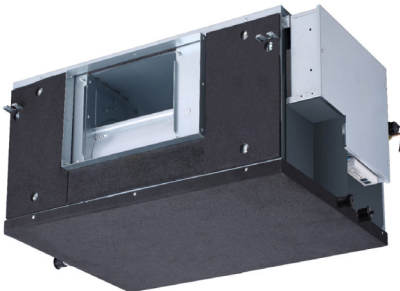
Reheat Coil For Use With VOSB Outdoor Air Models - 60Hz

COMMERCIAL
PRODUCT SPECIFICATIONS

Bulletin No. 210961
March 2023

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VRHC reheat coil is designed for use with VOSB Outdoor Air Concealed Ducted Models to provide hot gas reheat functionality.

These units are matched with an outdoor heat recovery unit to create a VRF (variable refrigerant flow) system that uses R410-A refrigerant.

NOTE - VRHC reheat coil units are designed for indoor installation only.

APPROVALS AND WARRANTY

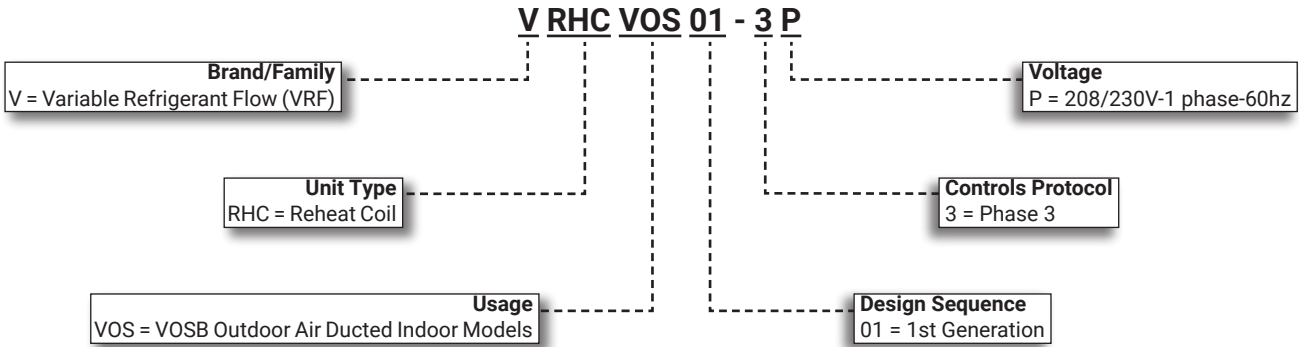
- **Approvals** - ETL certified for the U.S. and Canada
- **Warranty** - Limited ten years for qualifying installations

FEATURES

- **Digital Readout/Infrared Receiver Panel** - Mounted on unit (may be remotely located)
 - LEDs display unit operation status, and codes for maintenance and servicing
 - Infrared receiver for use with a wireless remote control (not furnished)
- **Auto Addressing** - An optional wireless remote control (not furnished) can be used to inquire and modify each indoor unit's address
- **Auto Restart** - Automatically restores the previous function setting if power is interrupted
- **Electronic Expansion Valve** - Assures optimal performance throughout the application range
- **Braze Connections** - Equipped with liquid and gas braze fittings for quick and secure piping
- **Air Filter** - Cleanable air filter is furnished as standard



MODEL NUMBER IDENTIFICATION



SPECIFICATIONS

Model Number		VRHCVOS01-3P
Refrigerant	Type	R-410A
Indoor fan motor	Input - W	81
Indoor coil	Number of rows	2
	Fin spacing - in.	1/16
	Number of circuits	4
	Tube outside diameter and type - in.	3/8 - Rifled Copper Tubing
	Fin type	Hydrophilic Coated Aluminum
	Expansion device type	Electronic Expansion Valve
	Design Pressure (high / low)- psig	650 / 250
Indoor Coil Connections	Liquid pipe o.d. - in. (flare)	1/4
	Gas pipe o.d. - in. (flare)	1/2
Indoor Blower	External static pressure - in. w.g.	0.2~0.8
	Sound data dBA	50.7
Filter Size - in. (furnished)		28-3/8 x 13-1/4 x 3/8
Control Wiring (AWG)		2-Core Shielded, Stranded, Polarity Sensitive, 18 AWG
Weight Data	Unit weight (net / shipping) - lbs.	105 / 162

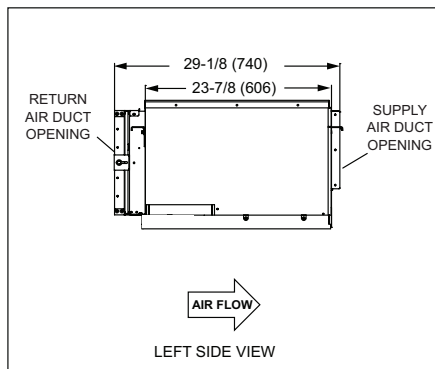
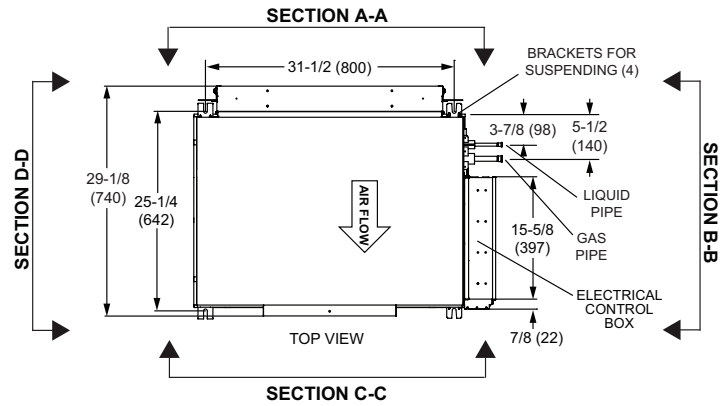
ELECTRICAL DATA

Line voltage data - 60 hz - 1ph		208/230V
¹ Maximum overcurrent protection (amps)		15
² Minimum circuit ampacity		2.5
Indoor Blower Motor - Full load amps		2

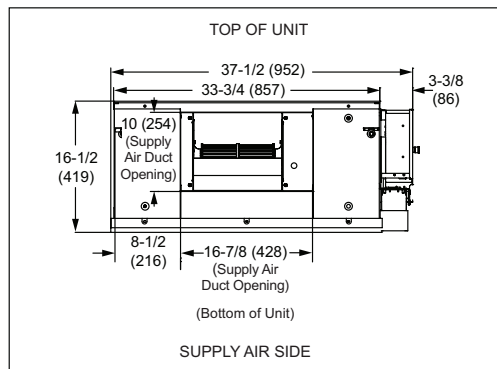
¹ HACR type circuit breaker or fuse.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

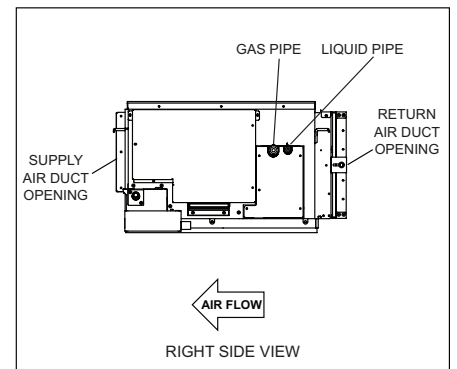
DIMENSIONS



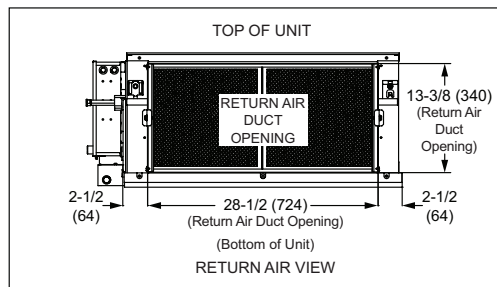
SECTION D-D



SECTION C-C

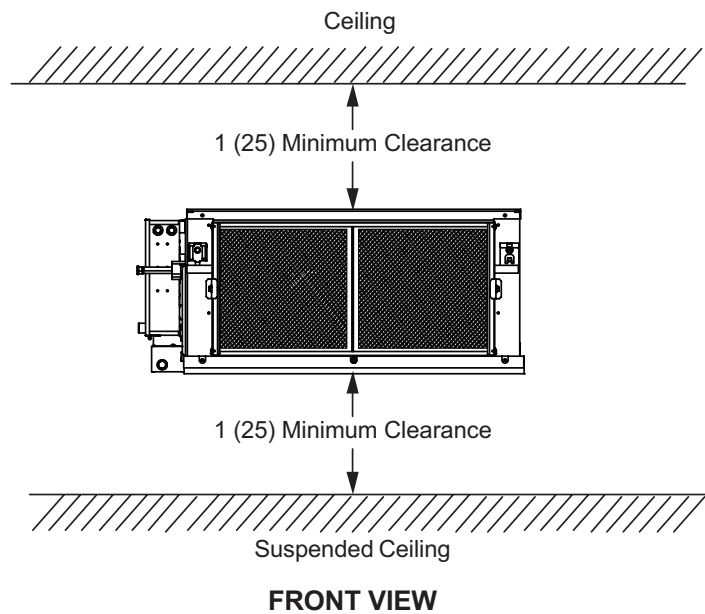
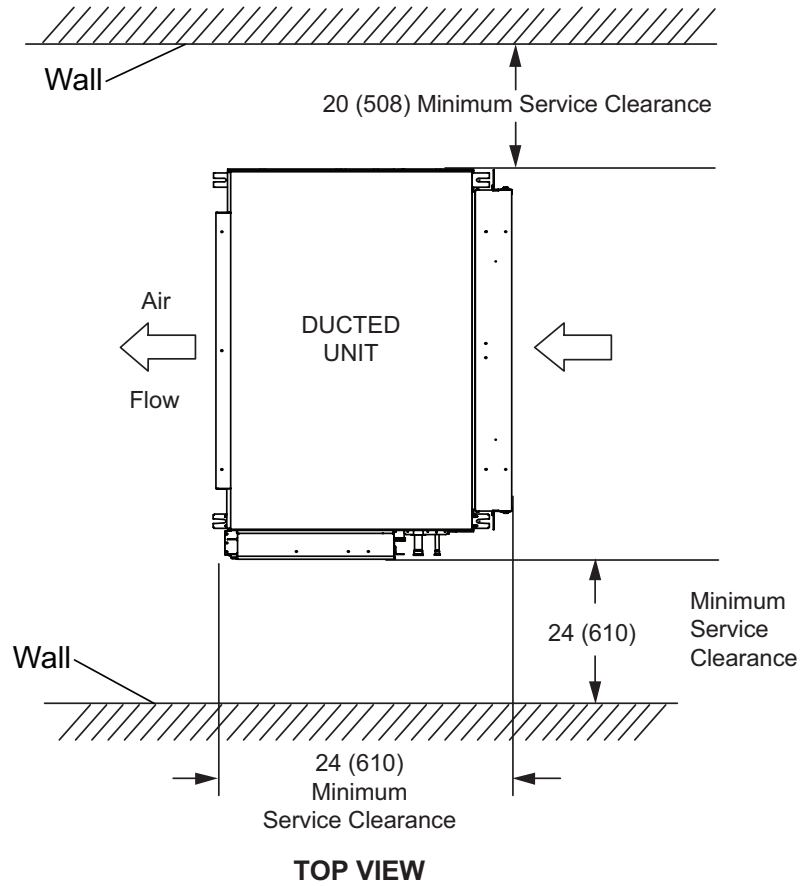


SECTION B-B



SECTION A-A

INSTALLATION CLEARANCES



REHEAT COIL CAPACITY TABLES

SETPOINT - 59°F

Capacity Setting	Entering Air Temperature - 50°F Dry Bulb	
	Airflow CFM	Total Capacity (kBtuh)
9	588	5.65
	529	5.08
	441	4.24
12	647	6.21
	559	5.37
	471	4.52
15	765	7.34
	647	6.21
	529	5.08
18	1059	10.17
	971	9.32
	882	8.47
24	1294	12.43
	1176	11.30
	1029	9.89

SETPOINT - 70°F

Capacity Setting	Entering Air Temperature - 50°F Dry Bulb	
	Airflow CFM	Total Capacity (kBtuh)
9	588	12.43
	529	11.18
	441	9.32
12	647	13.67
	559	11.81
	471	9.94
15	765	16.16
	647	13.67
	529	11.18
18	1059	22.37
	971	20.51
	882	18.64
24	1294	27.34
	1176	24.86
	1029	21.75



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NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.
Installation and service must be performed by a qualified installer and servicing agency.

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