REZNOR®

Revision: DTHG-RPL (10-26) REV-0

Supersedes: — (Original Version)

REPLACEMENT PARTS FOR GAS-FIRED DOCKED TRAILER HEATER

MODEL DTHG



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IMPORTANT

- **Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.**
- **In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here.**
- **Order by Part Number (PN) not by option designation.**

WE RESERVE THE RIGHT TO SUBSTITUTE FUNCTIONAL REPLACEMENTS.

SERIAL NUMBER

NOTE: The serial number is located on the unit's rating plate.

Decode serial numbers as follows:

Serial number sample: **BOG 3062 00000**
Elements key number: **1 | 2 | 3**

Key:

1 = Date code (refer to Table 1)
2 = Plant of manufacture (3062 = Monterrey)
3 = Consecutive number

Table 1. Serial Number Date Codes (Month and Year)

Year	Month											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2026	BZA	BZB	BZC	BZD	BZE	BZF	BZG	BZH	BZI	BZJ	BZK	BZL
2027	CAA	CAB	CAC	CAD	CAE	CAF	CAG	CAH	CAI	CAJ	CAK	CAL
2028	CBA	CBB	CBC	CBD	CBE	CBF	CBG	CBH	CBI	CBJ	CBK	CBL
2029	CCA	CCB	CCC	CCD	CCE	CCF	CCG	CCH	CCI	CCJ	CCK	CCL
2030	CDA	CDB	CDC	CDD	CDE	CDF	CDG	CDH	CDI	CDJ	CDK	CDL
2031	CEA	CEB	CEC	CED	CEE	CEF	CEG	CEH	CEI	CEJ	CEK	CEL
2032	CFA	CFB	CFC	CFD	CFE	CFF	CFG	CFH	CFI	CFJ	CFK	CFL
2033	CGA	CGB	CGC	CGD	CGE	CGF	CGG	CGH	CGI	CGJ	CGK	CGL
2034	CHA	CHB	CHC	CHD	CHE	CHF	CHG	CHH	CHI	CHJ	CHK	CHL
2035	CIA	CIB	CIC	CID	CIE	CIF	CIG	CIH	CII	CIJ	CIK	CIL

ELECTRICAL COMPONENTS

NOTE: Refer to the installation, operation, and maintenance manual provided with the the unit for specific replacement instructions.

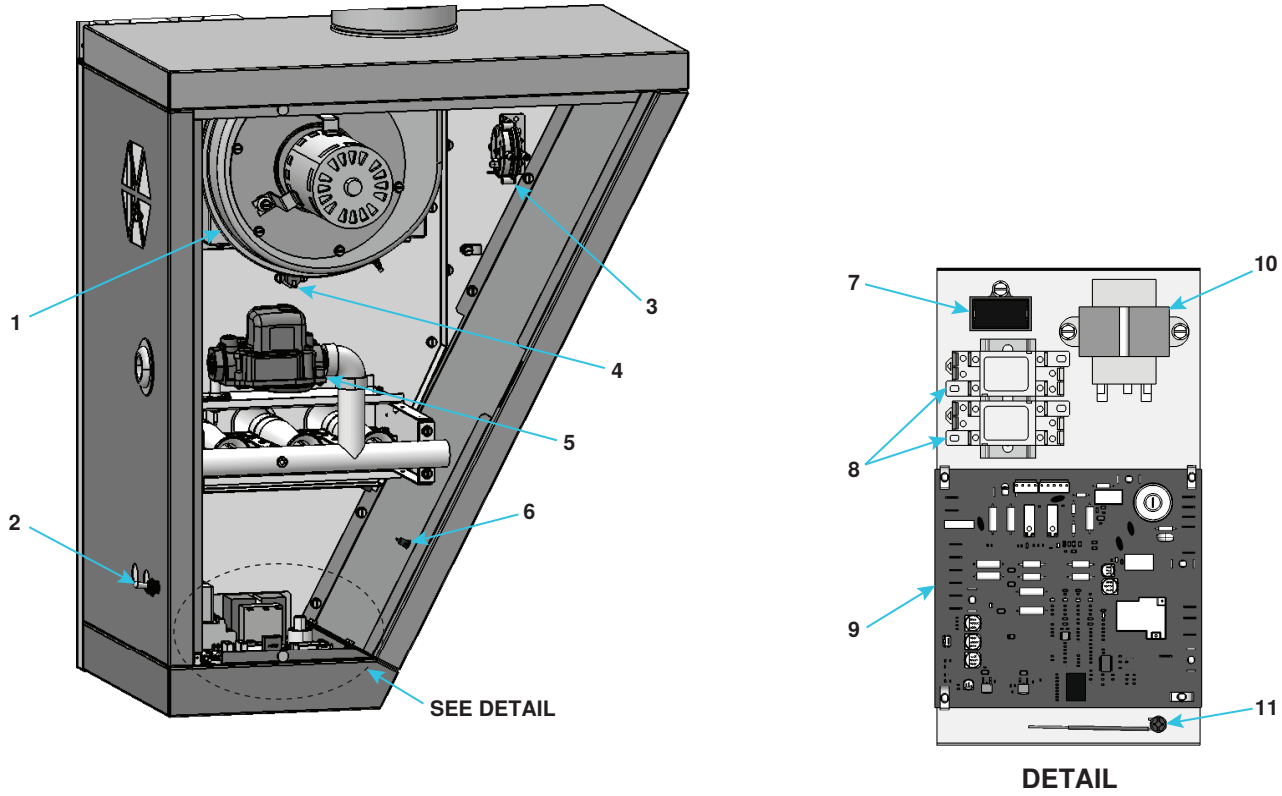


Figure 1. Control Compartment (Refer to Table 2)

Table 2. Electrical Components			
Item No.	**Component**	**Description**	**PN**
1	Venter motor and wheel assembly		Refer to **Table 3**
2	Toggle switch	ON/OFF	101902
3	Pressure switch	Air proving	234712
4	Limit switch	High temperature, 150°F	626600
5	Combination gas valve	Single-stage, natural gas, 1/2 × 1/2	260603
6	Indicator light	POWER ON, green	1042711
7	Capacitor		195641
8	Relay	110/120 (used with options AK9 and AK10)	211412
8A	Socket	Relay	211415
8B	Din rail	3-inch	111387
9	Circuit board	DSI control module	1033741
10	Transformer	40VA	621709
11	Ground screw	With lead	032551
—	Mounting bracket	Controls	2001151
	Manual control*	HEAT ON/FAN ONLY (field-installed)	2000276
	Strain relief bushing	Manual HEAT ON/FAN ONLY control	040738
	Screw	Sheet metal, #10-16 × 1/2	011813
	Junction box	Assembly, with bracket (PN 2001061)	2001060
	Cable clamp		052961
	Fan and motor assembly		Refer to **Table 4**
	Ignitor		Refer to **Table 5**
	Flame sensor		
	Transformer (with option AK9)	Assembly**	2001245
		Transformer, 480V	197085
	Transformer (with option AK10)	Assembly**	2001248
		Transformer, 600V	260918
*See **Figure 2**.			
Refer to **Table 6 for mounting hardware.			

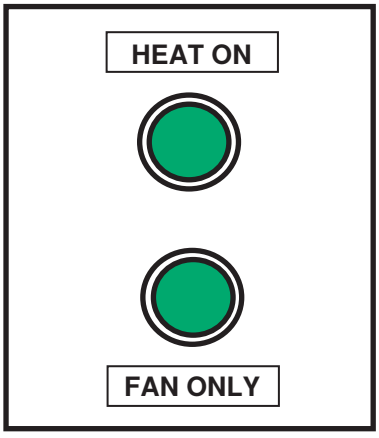


Figure 2. Manual HEAT ON/FAN ONLY Control (Refer to Table 2)

VENTER MOTOR AND WHEEL ASSEMBLY COMPONENTS

NOTE: Refer to the installation, operation, and maintenance manual provided with the the unit for specific venter motor and wheel assembly replacement instructions.

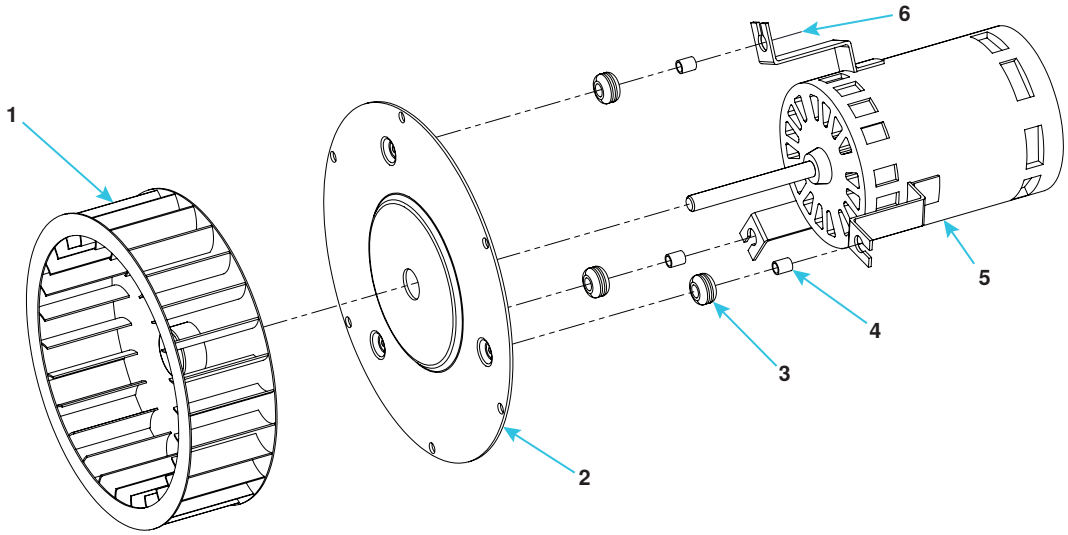


Figure 3. Venter Motor and Wheel Assembly (Refer to Table 3)

Table 3. Venter Motor and Wheel Assembly Components

Item No.	Component	PN
1	Venter wheel	195666
2	Motor plate	194910
3	Isolator	194534
4	Isolator bushing	194803
5	Motor	1012555
6	Screw, #10-32 × 1/2	113275

FAN AND MOTOR ASSEMBLY COMPONENTS

NOTE: Refer to the installation, operation, and maintenance manual provided with the the unit for specific fan replacement instructions.

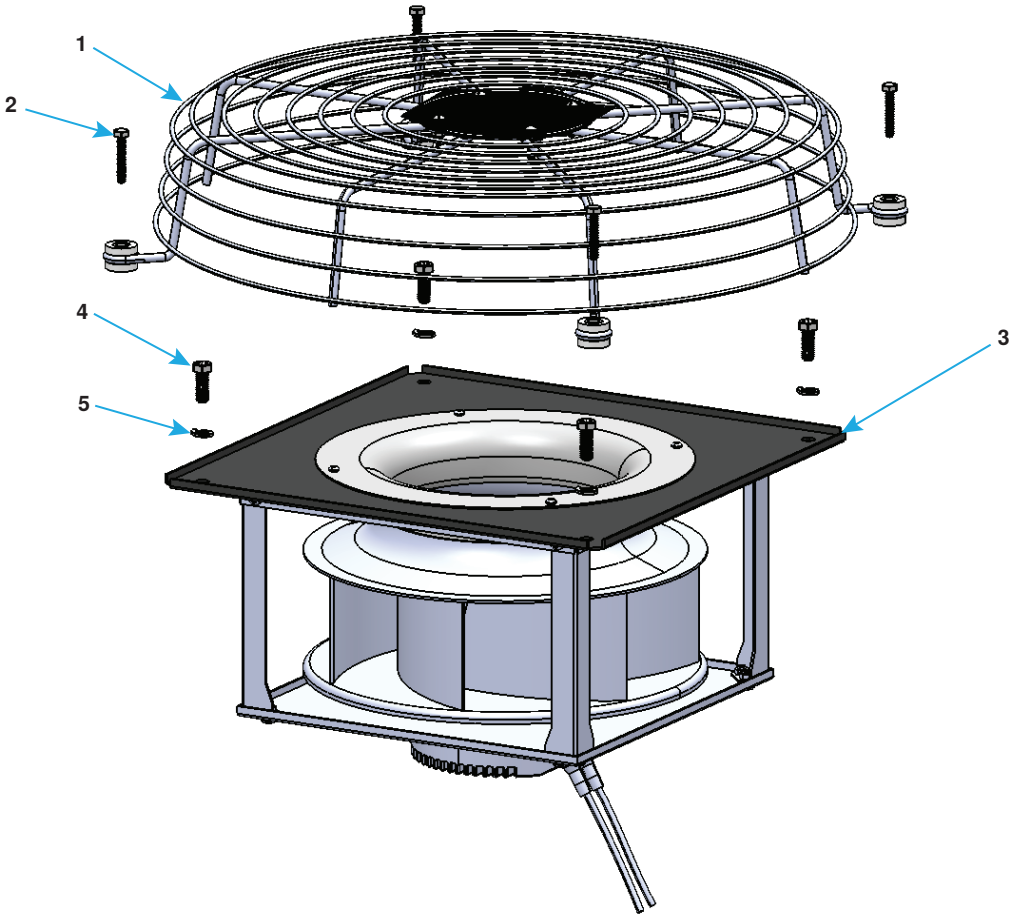


Figure 4. Fan and Motor Assembly (Refer to Table 4)

Table 4. Fan and Motor Assembly Components

Item No.	Component	PN
1	Fan guard, 20-inch	170085
	Fan guard cover	2000019
	Screw, slotted round, #10-32	046250
	Hex nut, #10-32	026490
	Isolator kit	096451
2	Capscrew, 1/4-20 × 1-1/2	102033
3	Fan and motor assembly	1047397
4	Screw, hex head, 3/8-16	032253
5	Lockwasher, 3/8	005197

HEAT EXCHANGER AND BURNER ASSEMBLY COMPONENTS

NOTE: Refer to the installation, operation, and maintenance manual provided with the the unit for specific replacement instructions.

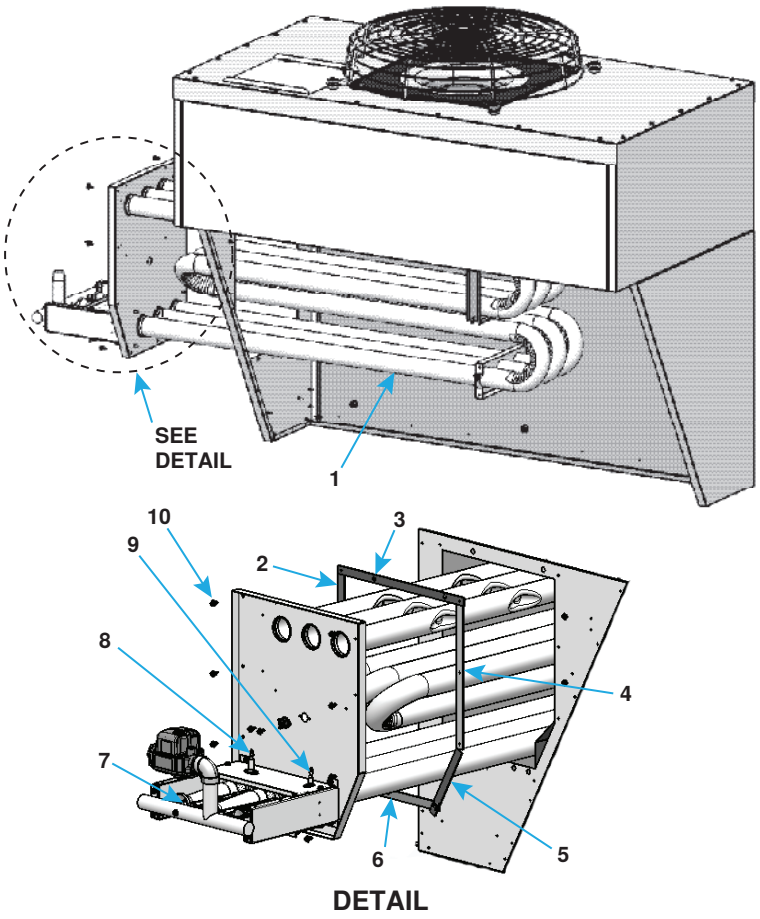


Figure 5. Heat Exchanger and Burner Assembly (Refer to Table 5)

Table 5. Heat Exchanger and Burner Assembly Components

Item No.	Component	Description	PN
1	Heat exchanger	Three-tube	2001101
1A	Heat exchanger tube support	Top	2001057
1B		Side	2001058
1C		Bottom	2001059
1D	Screw	Sheet metal, #10-16 × 1/2	011813
2	Header panel gasket	Left side	2001117
3		Top	2001119
4		Right side	2001118
5		Angle	2001115
6		Bottom	2001116
7	Burner orifice	Natural gas	2001192
		Propane	661084
8	Ignitor		1017448
9	Sensor	Flame	632484
10	Screw	Sheet metal, #10-16 × 1/2	011813

MOUNTING HARDWARE

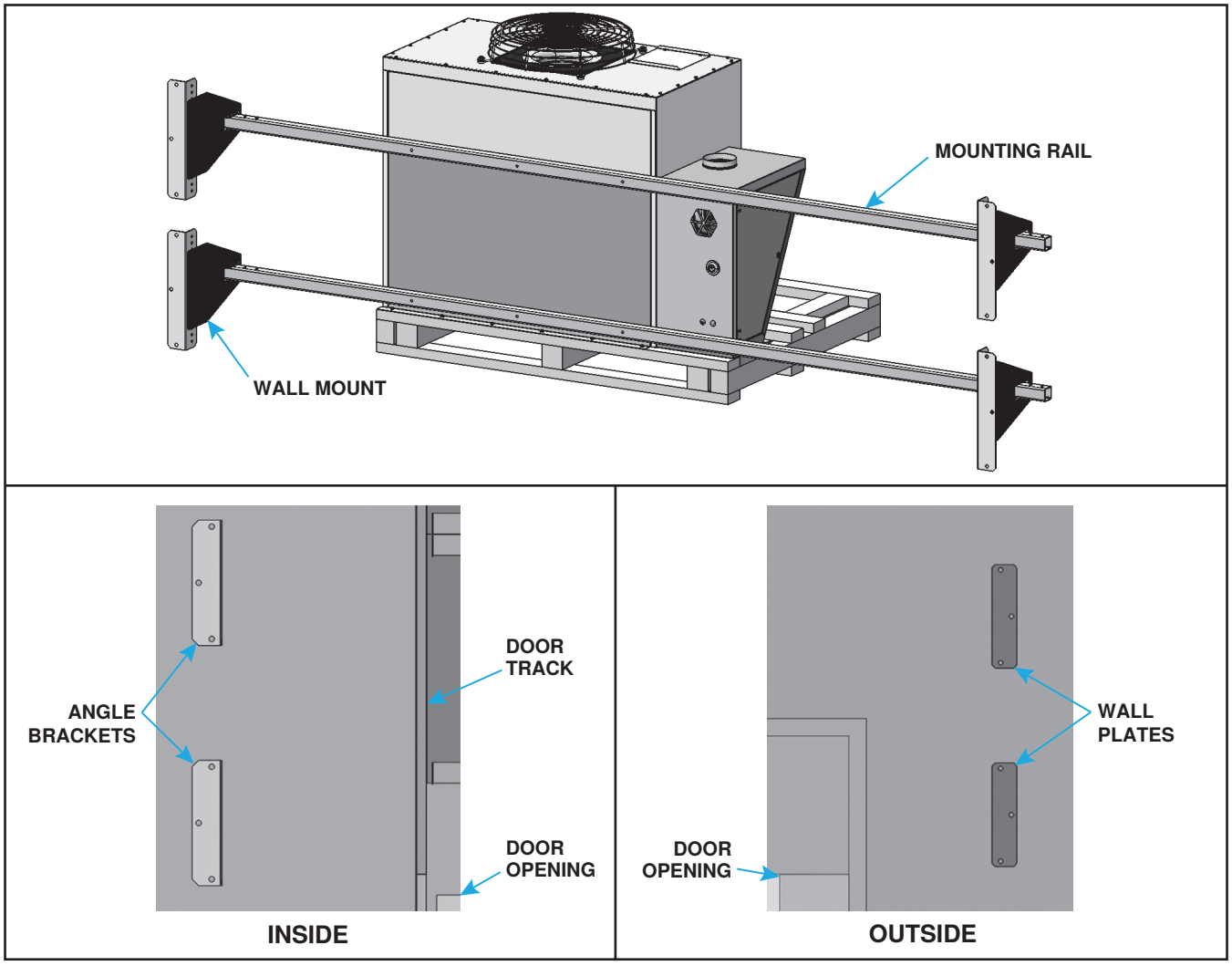


Figure 6. Mounting Hardware (Refer to Table 6)

Table 6. Mounting Hardware

Component	Description	PN	Quantity
Angle bracket	Inside	1047626	4
Wall plate	Outside	1047629	4
Wall mount	Top	1047627	2
	Bottom		2
Rail	Mounting	1047635	2
Bolt	Hex head, 3/8-16 × 3, steel, GR 8	2000036	10
	Hex head, 3/8-16 × 1, steel, GR 8	032253	12
Lockwasher	Split, 3/8	005197	38
Washer	Flat, 3/8	006593	6
Nut	Hex, 3/8-16, steel	001438	16
Transformer Mounting Hardware (with Options AK9 and AK10)			
Bracket	Transformer mounting	2001165	1
Capscrew	1/4-20 × 3/4	016246	3
Flat washer	1/4	176531	6
Locknut	1/4-20	007328	3

CABINET COMPONENTS

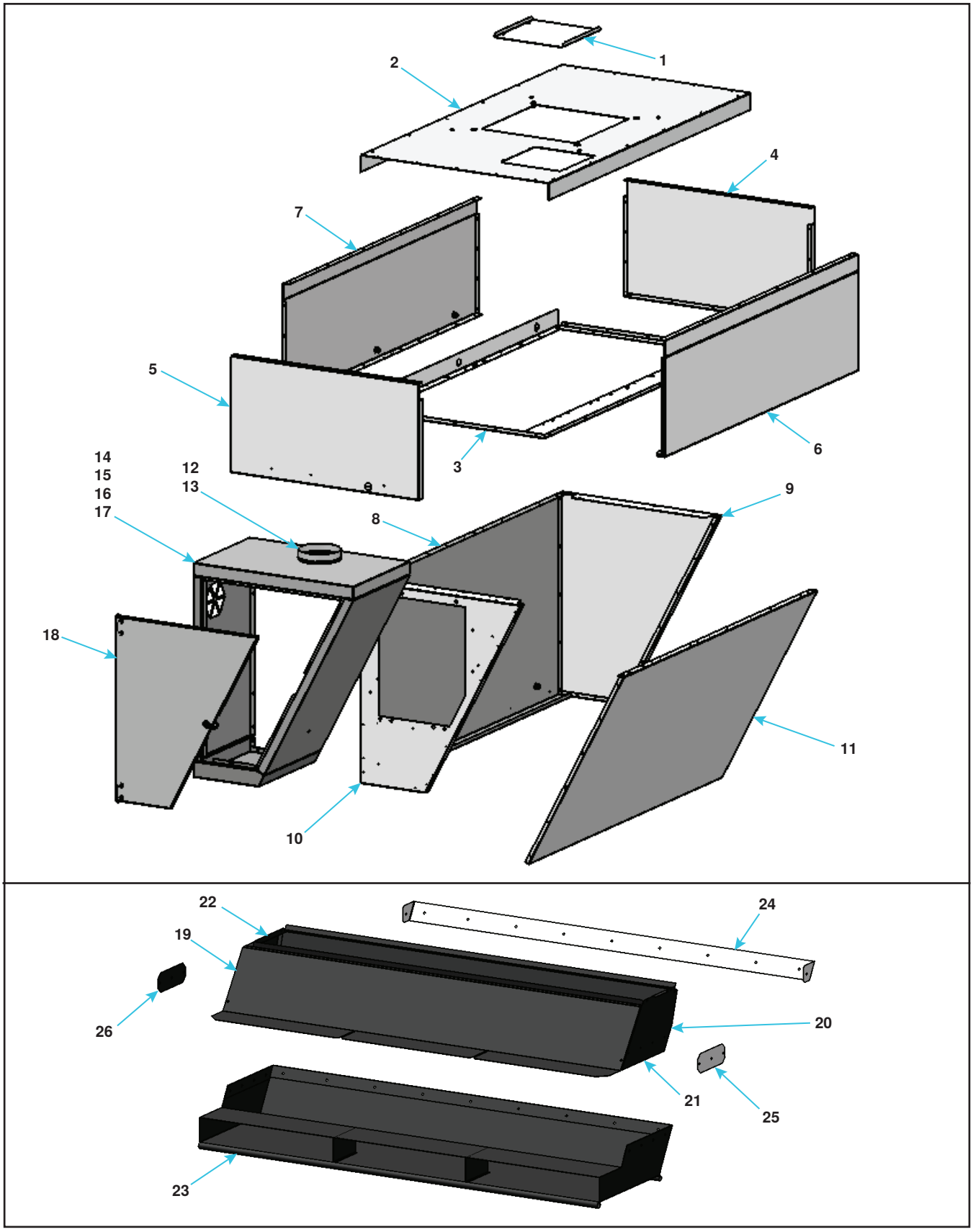


Figure 7. Cabinet Components (Refer to Table 7)

Table 7. Cabinet Components			
Section	**Item No.**	**Description**	**PN**
Fan cabinet	1	Top fan access panel	2001157
	2	Top panel	2001063
	3	Bottom panel	2001055
	4	Left side panel	2001064
	5	Right side panel	2001067
	6	Front panel	2001050
	7	Rear panel	2001065
	—	Right side baffle	2001156
		Front angle baffle	2001154
		Left side baffle	2001155
Heat cabinet	8	Front panel	2001048
	9	Left side panel	2001052
	10	Right side panel	2001054
	11	Rear panel	2001053
	—	Heat exchanger support assembly	2001056
Control compartment	12	Outlet collar, 5-inch	216950
	13	Outlet collar gasket	254935
	14	Top panel	2001073
	15	Bottom panel	2001071
	16	Left side panel	2001070
	17	Right side panel	2001072
	18	Access panel screwlock door assembly	2001068
	—	Grommet	102607
		Rubber stem bumper	155064
		Venter housing	257029
		Venter housing gasket	254935
		#8-32 sheet metal screw	122643
		Pressure tap and nut	116043
		Gas collection box assembly	2001076
Discharge duct and nozzle assembly	19	Front panel	2001092*
	20	Rear panel	2001093*
	21	Right side panel	2001095*
	22	Left side panel	2001094*
	23	Canvas nozzle	2000078*
	24	Backing plate, rear	2001091*
	25	Backing plate, right side	2001090*
	26	Backing plate, left side	
Hardware	—	Sheet metal screw, #10-16 × 1/2	011813*
*Also available as part of a discharge duct/nozzle replacement kit (PN 2001247).			

ACCESSORIES/OPTIONS

Vent Caps (Options CC1 and CC21)



Figure 8. Vent Cap

Table 8. Vent Caps		
Option	**Description**	**PN**
CC1	5-inch, alumnized steel	111849
CC21	5-inch, stainless steel	270617

Manual Shutoff Valve (Option CE1)



Figure 9. Manual Shutoff Valve Assembly

Table 9. Shutoff Valve Components		
Component	**Description**	**PN**
Shutoff valve assembly	1/2-inch (includes ball valve and union)	015971
Ball valve	1/2-inch	196910
Union		001224

Specifications and illustrations subject to change without notice or incurring obligations.
Latest version of this manual is available at **www.reznorhvac.com**.
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