

## GAS CONSTRUCTION HEATER

### *Illustrated Parts List*

**C375LP**  
**BLP375**  
**VLP375**

**IMPORTANT:** Do not use key numbers when ordering service parts. Always order components by part number and description. Include model and serial numbers.

KEY NO.	PART NUMBER	DESCRIPTION	QTY.	KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	100409-04	Outer Shell (C375LP)	1	33	**	Pan Head Screw, #10-24 x 5/8"	2
	100409-02	Outer Shell (VLP375)	1	34	**	Hex Nut, #8-32	2
	100409-01	Outer Shell (BLP375)	1	35	M51584-01	Terminal Board	1
2	097847-01	Combustion Chamber Assembly	1	36	098226-01	On/Off Switch Assembly (Includes Plate and Nut)	1
3	097968-01	Hex Screw, #4-40 x 1/4"	2			Hex Screw, #8-32 x 3/8"	2
4	097952-01	Thermal Switch Assembly	1	37	**	Base	1
5	097918-01	Cleat	2	38	097966-01AA	Strain Relief Bushing	1
6	097917-01	Handle	1	39	M11143-1	Male Fitting	2
7	**	Hex Screw, #10-32 x 3/8"	4	40	097809-01	Wire Assembly	1
8	**	Hex Nut, #10-32	4	41	098923-01	Hex Screw, #8-18 x 1/4"	1
9	NPC-00C	Hex Nut, #4-40	2	42	M11084-37	Solenoid Valve	1
10	M11084-26	Hex Screw, #10-16 x 3/8"	19	43	097803-01	Hex Screw, #10-32 x 1/2"	2
11	097930-01	Snap Bushing	4	44	**	Cord Assembly	1
12	**	Hex Screw, #8-18 x 1/2"	1	45	098219-09	D.S.I. Control	1
13	**	Hex Screw, 1/4-20 x 3/8"	8	46	098884-03	Hex Nut, #10-24	2
14	**	Hex Screw, #6-32 x 1/4"	1	47	**	Solenoid Bracket	1
15	097805-01	Ignitor	1	48	097828-01	Hex Screw, #10-32 x 1/4"	2
16	097812-01	Hex Bolt, 1/4-20 x 2 1/2"	3	49	**	Ignitor Cable	1
17	097835-01	Front Diffuser Plate	1	50	097806-01	Side Cover	1
18	097841-01	Corrugated Ring	10	51	097965-01AA	Black Wire Assembly	1
19	097842-01	Flat Ring	9	52	M9900-170		
20	097813-01	Hex Jam Nut, 1/4-20	3	<b>PARTS AVAILABLE - NOT SHOWN</b>			
21	097839-01	Spacer	6		098217-01	Owner's Manual	1
22	WLI-4C	Internal Lock Washer	3		097817-01	Wiring Ladder Decal	1
23	NPC-4C	Hex Nut, 1/4-20	3		097816-01	Wiring Diagram Decal	1
24	097848-01	Rear Plate Assembly	1		*	General Information Decal	1
25	097845-01	Burner Tube Assembly	1		098337-01	Tradename Decal (C375LP)	1
26	097811-01	Fan	1		097981-01	Tradename Decal (VLP375)	1
27	NTC-4C	Hex Nut, 1/4-20	8		097895-01	Tradename Decal (BLP375)	2
28	097802-01	Motor	1		097916-01	Baffle	1
29	097964-01AA	Fan Guard	1		LPA1020	Hose	1
30	097829-01	Motor Mount	1		LPA2020	Regulator	1
31	097810-01	Nozzle Assembly	1		LPA3030	Regulator & Hose Assembly	1
32	097905-01	Fuel Tube Assembly	1				

\* No Longer Available

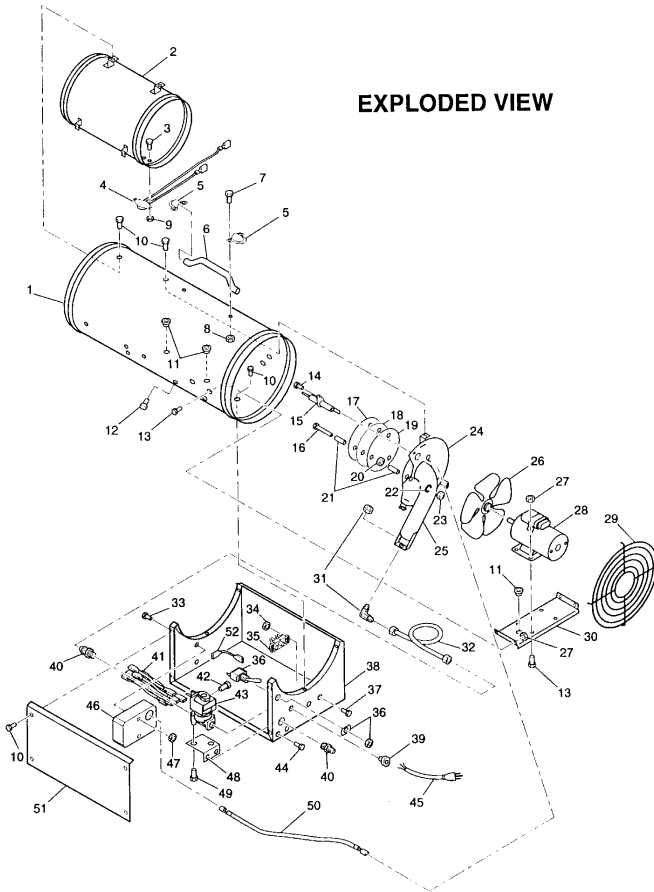
\*\* Standard hardware item available locally

### DESA International

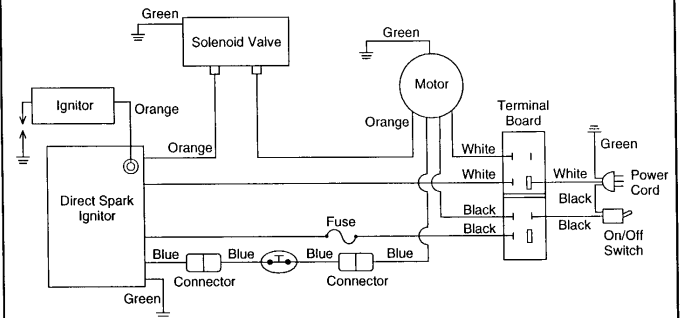
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Technical Service Department 1-800-323-5190  
Parts Department 1-800-972-7879

100248-01  
REV. B  
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### EXPLODED VIEW



### WIRING DIAGRAM



### SPECIFICATIONS

Output Rating (BTU/Hr)	225,000 to 375,000
Fuel	Propane Vapor Only
Fuel Consumption	
Gallons/Hour	2.5 Minimum/4.0 Maximum
Pounds/Hour	10.4 Minimum/17.4 Maximum
Supply Pressure to Regulator	
Minimum	25 psig
(for purposes of input adjustment)	Tank Pressure
Maximum	
Regulator Outlet Pressure	7-20 psig
Hot Air Output (CFM)	1500
Motor	1725 RPM, 1/5 HP
Electrical Input	120V/60 Hz
Amperage	4.2
Ignition	Direct Spark
Weight (Pounds)	
Heater	42
Shipping	49
Size - L x W x H (Inches)	34 x 13 x 19.5