



Owner's Manual and Instructions

Tradesman Kerosene Heaters



MODELS	OUTPUT (BTUH)	FUEL
CP045CK	45,000	1-K Kerosene
CP075CK	75,000	
CP125DK	125,000	
CP175DK	175,000	
CP210DK	210,000	

Certification by:



Congratulations!

You have purchased the finest kerosene portable forced air construction heater available.

Your new L.B. White heater incorporates the benefits from the most experienced manufacturer of heating products using state-of-the-art technology.

We, at L.B. White, **thank you** for your confidence in our products and welcome any suggestions or comments you may have...call us, toll-free, at (800) 345-7200.

ATTENTION ALL USERS

This heater has been tested and evaluated by C.S.A. International in accordance with the requirements of Standard UL733 and ANSI A10.10-1998, CAN/CSA B140.0-03 and CSA B140.8 - 1967 and is listed and approved as a Kerosene forced-air construction heater with application for the temporary heating of buildings under construction, alteration, or repair. If you are considering using this product for any application other than its intended use, then please contact the L.B. White Co., Inc.

Heater Specifications

Model		
SPECIFICATIONS	CP045CK	CP075CK
Fuel Type	1-K, Kerosene	
Max Input (BTUH)	45,000	75,000
Ventilation Air Required to Support Combustion	175 CFM	265 CFM
Pump Pressure (psig)	2.8	3.8
Fuel Consumption per Hour (gal)	.35	.57
Motor Characteristics	Ball Bearing	
	1/8 HP, 3,300 RPM	1/8 HP, 3120 RPM
Electrical Supply (Voltz/Hz/Phase)	120/60/1	
Amp Draw	CONTINUOUS OPERATION 1.6	1.6
Dimensions (Inches) Length x width x height	32" x 11 ³ / ₄ " x 16 ³ / ₄ "	
Minumum Safe Distances From Nearest Combustible Materials	TOP	4 ft.
	SIDES	4 ft.
	BACK	4 ft.
	BLOWER OUTLET	8 ft.
	BULK FUEL STORAGE CONTAINER	25 ft.
Net Weight (Lbs.)	27.6	27.6
Shipping Weight (Lbs.)	32.0	32.0
Minimum Ambient Temperature in Which Heater May Be Used	-20°F	

Heater Specifications

Model

SPECIFICATIONS		CP125DK	CP175DK	CP210DK
Fuel Type		1-K, Kerosene		
Max Input (BTUH)		125,000	175,000	210,000
Ventilation Air Required to Support Combustion		520 CFM	600 CFM	650 CFM
Pump Pressure (PSIG)		5.5	7.5	8.5
Fuel Consumption per Hour (gal)		.95	1.32	1.6
Motor Characteristics		Ball Bearing		
		1/5HP 3455 RPM	1/4HP 3430 RPM	1/3HP 3380 RPM
Electrical Supply (Voltz/Hz/Phase)		120/60/1		
Amp Draw	CONTINUOUS OPERATION	2.5	3.2	3.7
Length x Width x Height		36 1/10" x 23 x 24 6/10"	41 8/10" x 24 6/10" x 26 1/10"	
Minumum Safe Distances From Nearest Combustible Materials	Top	4 ft.		
	Sides	4 ft.		
	Back	4 ft.		
	Blower Outlet	8 ft.		
	Bulk Fuel Storage Container	25 ft.		
Net Weight (lbs.)		55.8	62.4	63.9
Shipping Weight (lbs.)		63.1	71.2	72.8
Minimum Ambient Temperature in which Heater may be used		-20°F		

Parts Identification

PARTS SCHEMATIC (CP045CK, CP075CK)

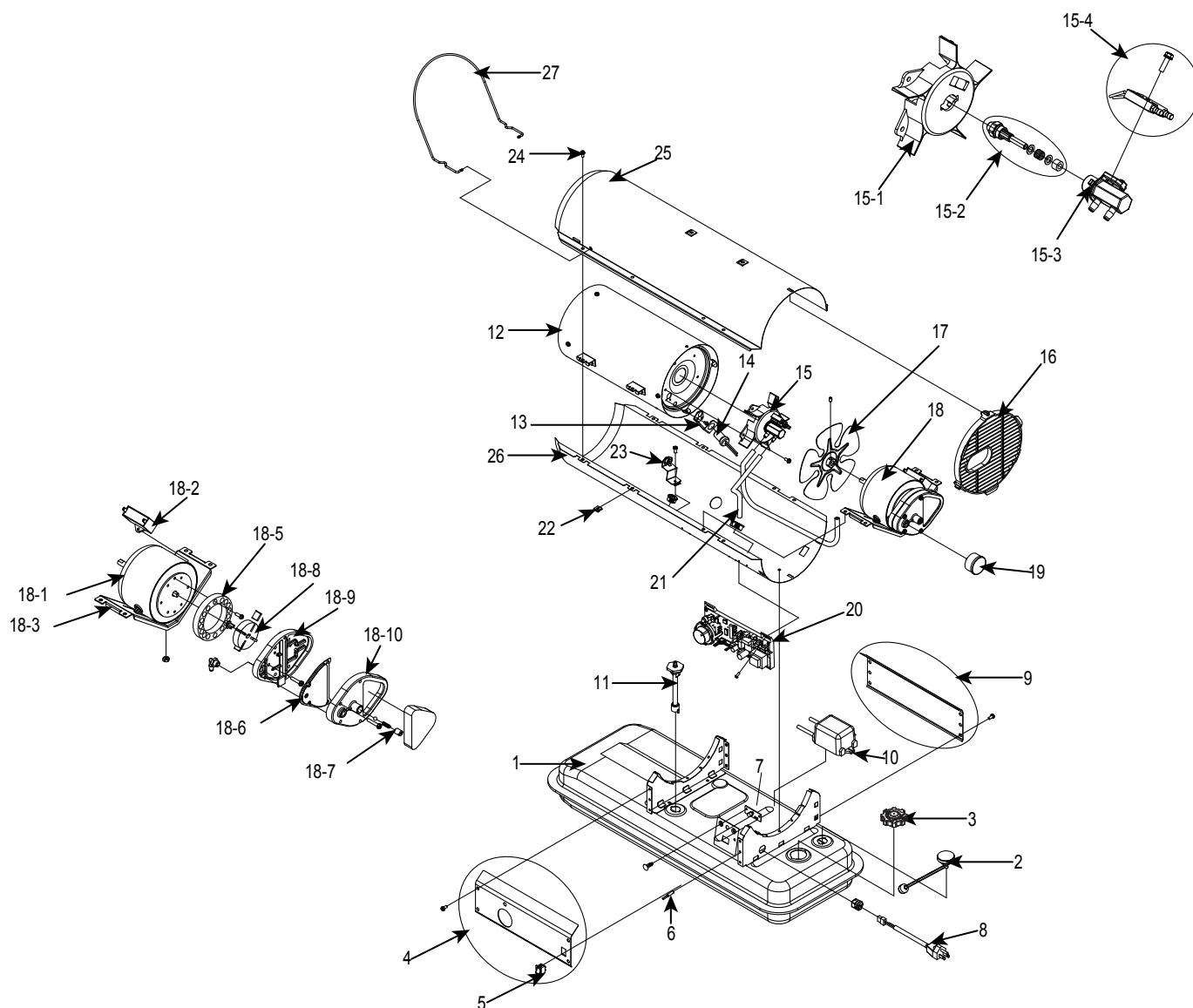


Figure 24– Repair Parts Illustration for Portable Oil-Fired Heaters Models CP045CK, CP075CK

PARTS LIST

Reference Number	Description	Part Number for Models:	
		CP045CK	CP075CK
1	Fuel Tank Assembly	572701	572700
2	Fuel Gauge	572453	572454
3	Fuel Cap	-----572908-----	
4	Panel Right Side Assembly	572920	572919
5	Power Switch	-----572906-----	
6	Thermostat Wire	----	572149
7	Display P.C.B. Assembly	572162	----
8	Power Cord	-----572159-----	
9	Panel Left Side Assembly	572254	572257
10	Ignition Transformer	-----572243-----	
11	Fuel Filter	-----572154-----	
12	Combustion Chamber	572698	572699
13	Photocell Bracket	572184	572185
14	Photocell Assembly	-----572186-----	
15	Burner Head Assembly	572901	572903
15-1	Burner Head	-----572692-----	
15-2	Nozzle Assembly	572192	572193
15-3	Nozzle Adaptor	-----572652-----	
15-4	Spark Plug Assembly	-----572200-----	
16	Fan Guard	-----572265-----	
17	Fan Assembly	572232	572233
18	Motor and Pump Assembly	-----572651-----	
18-1	Motor	-----572694-----	
18-2	Capacitor	-----572650-----	
18-3	Motor Support	-----572695-----	
18-5	Pump Body	-----572223-----	
18-6	Filter Kit*	-----572227-----	
18-7	Pump Adjustment Kit***	-----572230-----	
18-8	Rotor Kit**	-----572225-----	
18-9	Pump Cover	-----572696-----	
18-10	Filter Cover	-----572229-----	
19	Pressure Gauge	-----572231-----	
20	Main P.C.B. Assembly	572653	572654
21	Air/Fuel Lines	-----572691-----	
22	Clip Nut (8-Pack)	-----572284-----	
23	Temperature Limit Assembly	-----572726-----	
24	Screw (12-Pack)	-----572282-----	
25	Upper Shell	-----572697-----	
26	Lower Shell	-----572693-----	
27	Front Guard	-----572270-----	
	Fuse	-----572447-----	
	Hardware Kit	-----572324-----	
	Pump/Filter Cover Screws (10-Pack)	-----572283-----	
	Filter Kit* - Includes Intake, Outlet, and Lint Filter		
	Rotor Kit** - Include Rotor, Blades, and Insert		
	Pump Adjustment Kit*** - Includes Ball Spring and Adjusting Screw		

Parts Identification

PARTS SCHEMATIC (CP125DK & CP175DK)

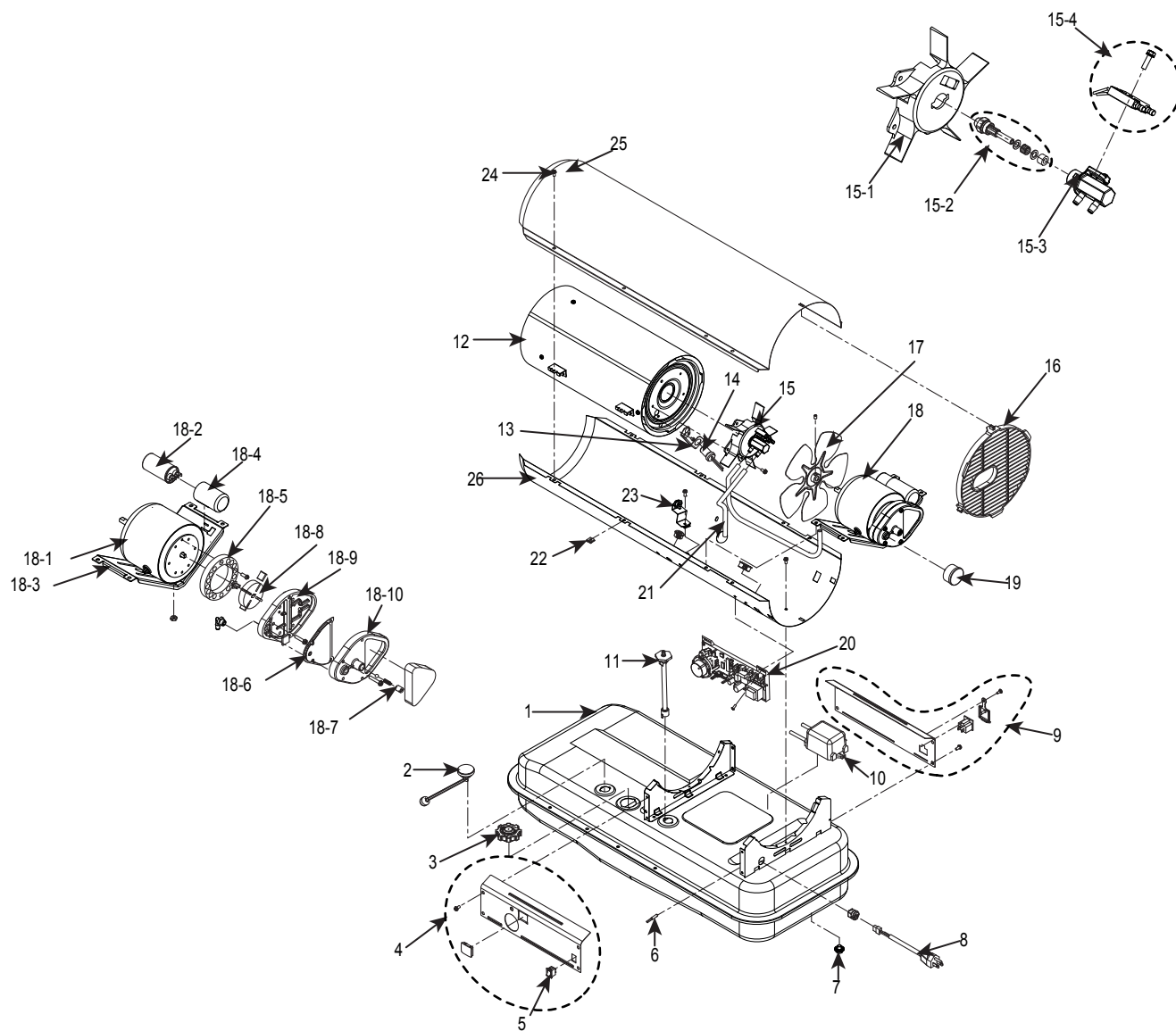


Figure 25– Repair Parts Illustration for Portable Oil-Fired Heaters Models CP125DK, CP175DK

PARTS LIST (CP125DK & CP175DK)

Reference Number	Description	Part Number for Models:	
		CP125DK	CP175DK
1	Fuel Tank Assembly	572707	572714
2	Fuel Gauge	572455	572456
3	Fuel Cap	-----572908-----	
4	Panel Right Side Assembly	572925	572924
5	Power Switch	-----572906-----	
6	Thermostat Wire	-----572149-----	
7	Drain Plug	-----572450-----	
8	Power Cord	-----572160-----	
9	Panel Left Side Assembly	572259	572262
10	Ignition Transformer	572244	572245
11	Fuel Filter	-----572155-----	
12	Combustion Chamber	572706	572713
13	Photocell Bracket	-----572185-----	
14	Photocell Assembly	-----572186-----	
15	Burner Head Assembly	572897	572898
15-1	Burner Head	572705	572711
15-2	Nozzle Assembly	572194	572195
15-3	Nozzle Adaptor	-----572658-----	
15-4	Spark Plug Assembly	-----572201-----	
16	Fan Guard	572266	572907
17	Fan Assembly	572234	572235
18	Motor and Pump Assembly	572659	572660
18-1	Motor	572709	572716
18-2	Capacitor	-----572655-----	
18-3	Motor Support	-----572703-----	
18-4	Capacitor Holder	-----572702-----	
18-5	Pump Body	-----572223-----	
18-6	Filter Kit*	-----572227-----	
18-7	Pump Adjustment Kit***	-----572230-----	
18-8	Rotor Kit**	-----572225-----	
18-9	Pump Cover	-----572696-----	
18-10	Filter Cover	-----572229-----	
19	Pressure Gauge	-----572231-----	
20	Main P.C.B. Assembly	-----572657-----	
21	Air/Fuel Lines	572704	572712
22	Clip Nut (8-Pack)	-----572284-----	
23	Temperature Limit Assembly	572727	572933
24	Screw (12-Pack)	-----572282-----	
25	Upper Shell	572710	572717
26	Lower Shell	572708	572715
	Fuse	-----572447-----	
	Hardware Kit	-----572928-----	
	Pump/Filter Cover Screws (10-Pack)	-----572283-----	
	Filter Kit* - Includes Intake, Outlet, and Lint Filter		
	Rotor Kit** - Include Rotor, Blades, and Insert		
	Pump Adjustment Kit*** - Includes Ball Spring and Adjusting Screw		

Parts Identification

PARTS SCHEMATIC (CP210DK)

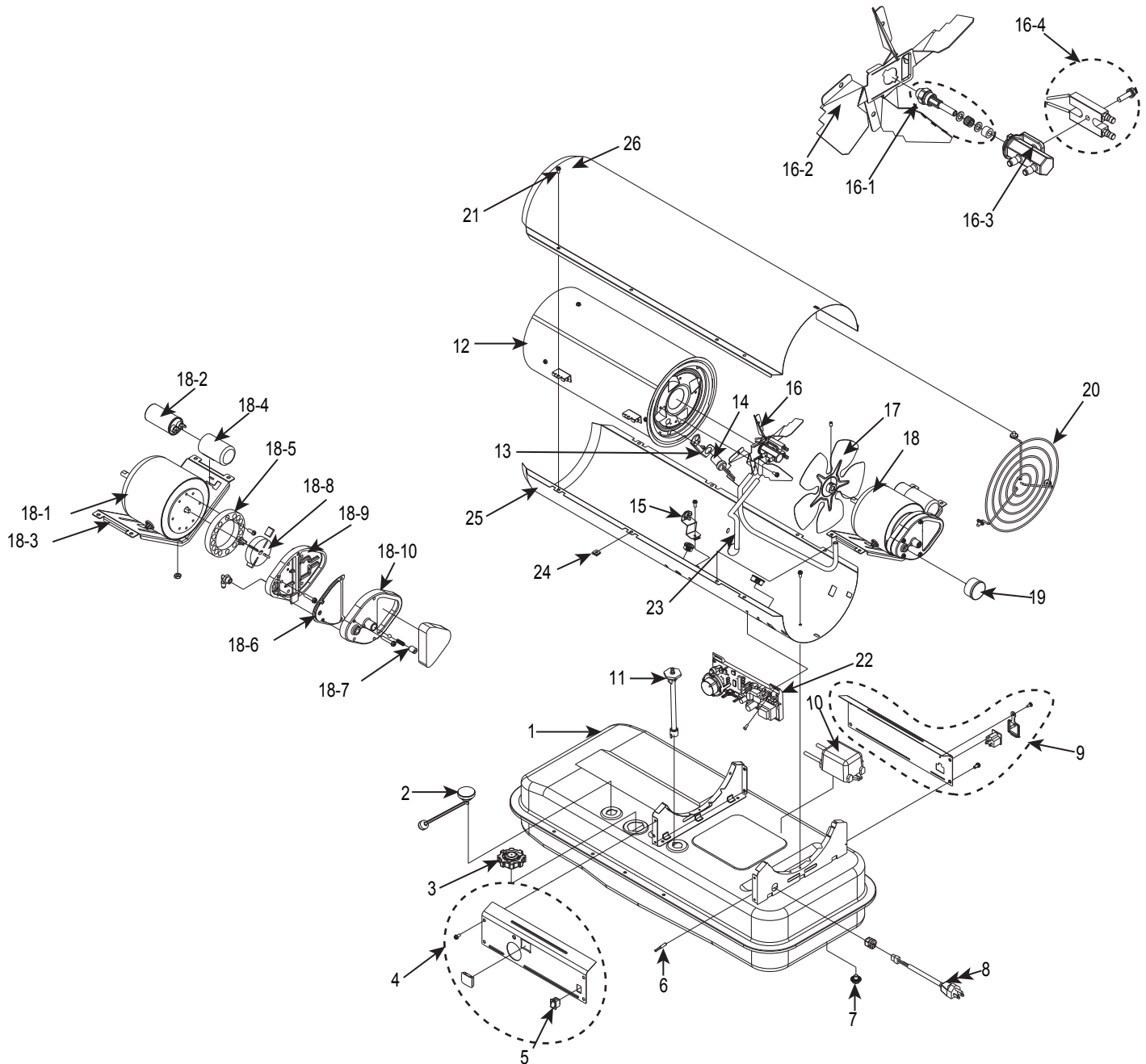


Figure 26 - Repair Parts Illustration for Portable Oil-Fired Heater (Model CP210DK)

PARTS LIST (CP210DK)

Reference Number	Description	Part Number for Models: CP210DK
1	Fuel Tank Assembly	572721
2	Fuel Gauge	572457
3	Fuel Cap	572908
4	Panel Right Side Assembly	572923
5	Power Switch	572906
6	Thermostat Wire	572149
7	Drain Plug	572450
8	Power Cord	572160
9	Panel Left Side Assembly	572262
10	Ignition Transformer	572246
11	Fuel Filter Assembly	572155
12	Combustion Chamber	572720
13	Photocell Bracket	572185
14	Photocell Assembly	572186
15	Temperature Limit Assembly	572725
16	Burner Assembly	572899
16-1	Nozzle Assembly	572196
16-2	Bracket Burner	572719
16-3	Nozzle Adapter	572662
16-4	Spark Plug Assembly	572202
17	Fan Assembly	572235
18	Motor and Pump Assembly	572661
18-1	Motor	572723
18-2	Motor Support	572703
18-3	Capacitor Holder	572702
18-4	Capacitor	572655
18-5	Pump Body	572224
18-6	Rotor Kit**	572226
18-7	Pump Cover	572696
18-8	Filter Kit*	572227
18-9	Filter Cover	572229
18-10	Pump Adjustment Kit***	572230
19	Pressure Gauge	572231
20	Fan Guard	572267
21	Screw (12-Pack)	572282
22	Main P.C.B. Assembly	572657
23	Air/Fuel Lines	572718
24	Clip Nut (8-Pack)	572284
25	Lower Shell	572722
26	Upper Shell	572724
	Hardware Kit	572928
	Fuse	572447
	Pump/Filter Cover Screws (10-Pack)	572283
	Filter Kit* - Includes Intake, Outlet, and Lint Filter	
	Rotor Kit** - Include Rotor, Blades, and Insert	
	Pump Adjustment Kit*** - Includes Ball Spring and Adjusting Screw	

Parts Identification

PARTS SCHEMATIC HANDLES & WHEELS

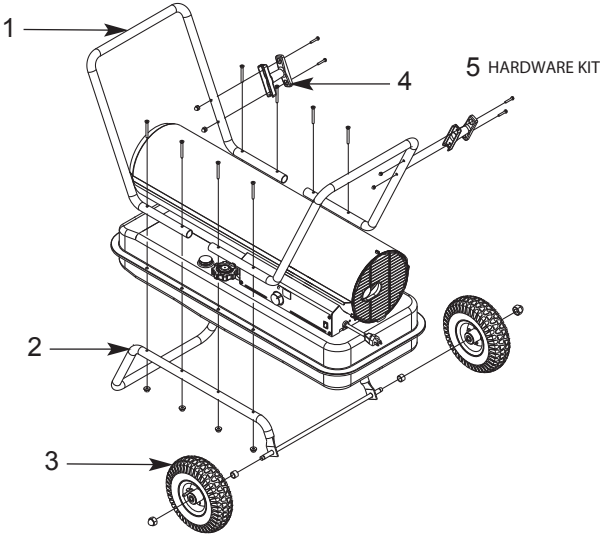


Figure 27- Repair Parts Illustration for Models CP125DK, CP175DK, CP210DK

Replacement Parts List for Models CP125DK, CP175DK, CP210DK

Ref. No.	Description	Part No. for Models:	
		CP125DK	CP175DK & CP210DK
1	Upper Handle Kit	572927	572926
2	Wheel Support/Axle Kit	572273	572277
3	Wheels Kit	572274	
4	Cordwarp Kit	572275	
5	Hardware Kit	572928	