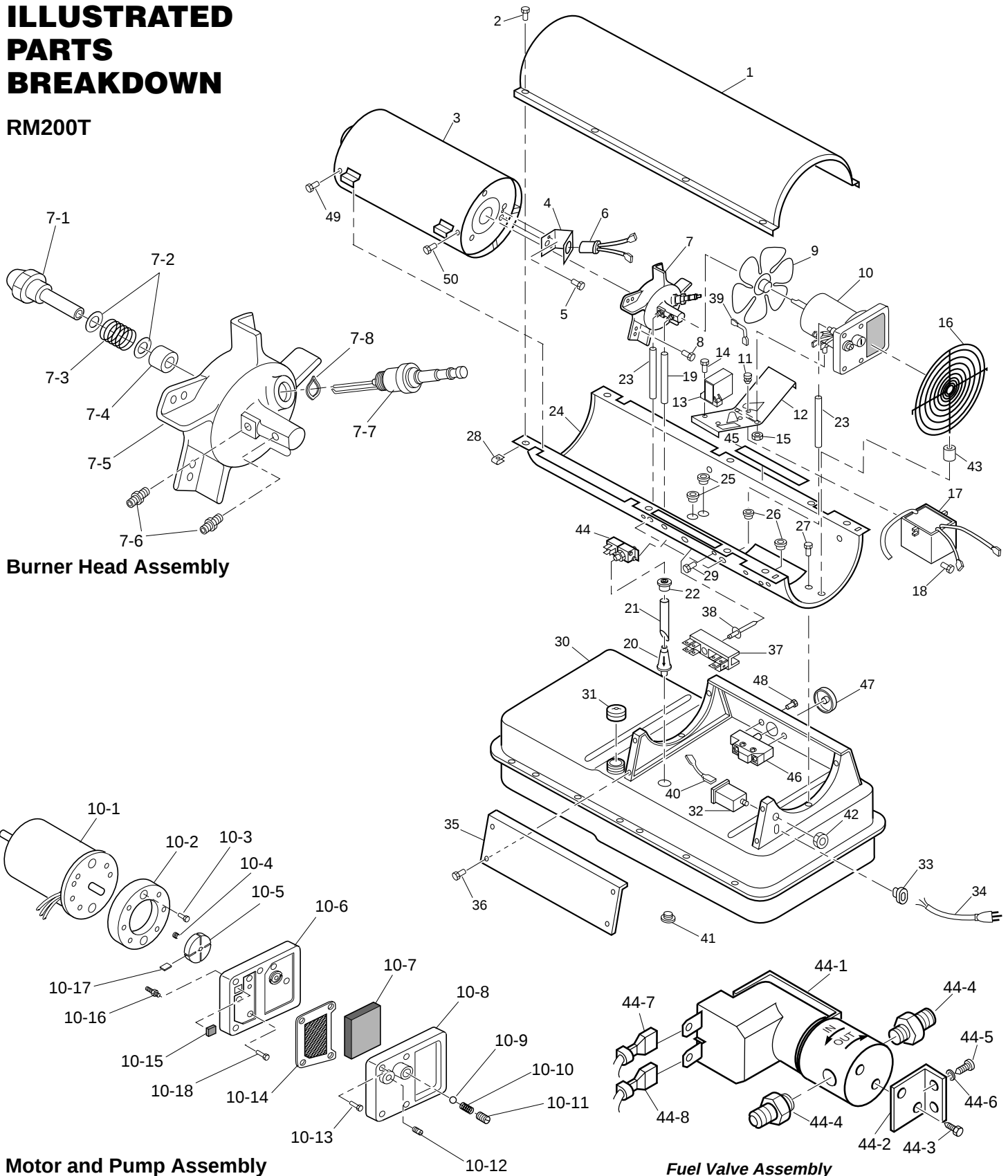


200,000 BTU/HR PORTABLE FORCED AIR HEATER

ILLUSTRATED PARTS BREAKDOWN

RM200T



OWNER'S MANUAL

PARTS LIST

RM200T

This list contains replaceable parts used in your heater. When ordering parts, be sure to provide the correct model and serial numbers (from the model plate), then the part number and description of the desired part.

KEY NO.	PART NUMBER	DESCRIPTION	QTY.	KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	098511-229	Upper Shell	1	26	M50104-01	Bushing	2
2	100647-01	Screw, #10-16 x 1/2"	8	27	M11084-27	Screw, #10-16 x 1/2"	6
3	098512-48	Combustion Chamber		28	M11271-8	Clip Nut	8
4	099229-01	Photocell Bracket	1	29	M10908-14	Screw, #8-32 x 3/8"	1
5	M10908-2	Screw, #6-32 x 3/8"	2	30	098513-88	Fuel Tank	1
6	HA3019	Photocell Assembly	1	31	097702-01	Fuel Cap (Includes Gasket)	1
7	***	Burner Head Assembly	1	32	HA3003	Flame-out Control	1
7-1	100735-13	Nozzle	1	33	M11143-1	Strain Relief Bushing	1
7-2	M10659-1	Nozzle Washer	2	34	098219-34	Power Cord	1
7-3	M10809-1	Nozzle Spring	1	35	102562-01AA	Side Cover	1
7-4	M8882	Nozzle Sleeve	1	36	M11084-27	Screw, #10-16 x 1/2"	4
7-5	M50924-08	Burner Head Body	1	37	099125-12	Terminal Board	1
7-6	M50820-02	Barb Fitting	2	38	099157-01	Rivet	1
7-7	HA3012	Spark Plug	1	39	079010-20	Wire Assembly (Red, 18")	1
7-8	103409-01	Washer, Wave Spring	1	40	M16841-57	Wire Assembly (Red, 6")	1
8	M11084-27	Screw, #10-16 x 1/2"	3	41	M27417	Drain Plug (Includes "o" Ring)	1
9	102042-01	Fan	1	42	099177-01	Hex Nut, 3/8 - 27	1
10	***	Motor and Pump Assembly	1	43	103523-01	Rubber Bushing	1
10-1	102001-07	Motor	1	44	***	Fuel Valve Assembly	1
10-2	079975-03	Pump Body	1	44-1	105939-01	Fuel Valve	1
10-3	FHPF3-6C	Screw, #10-32 x 5/8"	2	44-2	103129-01	Fuel Valve Bracket	1
10-4	M22009**	Rotor Insert	1	44-3	M12461-13	Hex Head Screw, 8-32 x 1/4"	2
10-5	M22456-2**	Pump Rotor	1	44-4	M50820-02	Fitting Barb	2
10-6	M50545	Pump End Cover	1	44-5	M11084-38	Hex TPG Screw, 8-18 x 3/8"	2
10-7	M12179**	Intake Filter	1	44-6	WLE-2	Lockwasher	2
10-8	M16545	Filter End Cover	1	44-7	079010-31	Wire Assembly, Red	1
10-9	M8940**	Steel Ball, 1/4" Diameter	1	44-8	079010-32	Wire Assembly, White	1
10-10	M10993-1**	Relief Spring	1	45	097785-04	Foam Gasket	2
10-11	M27694**	Adjusting Screw	1	46	097657-03	Thermostat	1
10-12	M22997**	Plug	1	47	104905-01	Thermostat Knob	1
10-13	M12461-31	Screw, #10-32 x 1"	4	48	M10908-1	Screws, #6-32 x 1/4"	2
10-14	M12244-1**	Output Filter	1	49	099230-01	Screws, Special	2
10-15	M11637**	Lint Filter	1	50	M11084-27	Screws, #10-16 x 1/2"	2
10-16	M50820-02	Barb Fitting	1	PARTS AVAILABLE - NOT SHOWN			
10-17	M8643-2**	Blade	4		099650-01	Clip (Secures Thermostat and Power Cord Wires)	1
10-18	M12461-32	Screw, #10-32 x 1.12"	6		098493-01	General Information Decal	1
11	M50631	Rubber Bumper	2		103474-01	Tradename Decal	2
12	101206-01	Motor Mounting Bracket	1		M9900-192	Combustion Chamber Grounding Wire	1
13	097061-01	Solid State Relay	1		100621-02	Thermostat Decal	1
14	M15823-39	Screw, #8-18 x 1/2"	2	OPTIONAL ACCESSORIES			
15	NTC-4C	Hex Lock Nut, 1/4-20	2		HA1180	Air Gauge Kit	
16	102756-01	Fan Guard	1		HA2210	Fuel Tank Filter Screen	
17	102482-01	Ignitor Kit	1		HA3005	Rotor Kit (M22456-2, M22009, M8643-2)	
18	M11084-29	Screw, #10-16 x 3/4"	2		HA3017	Filter Kit (M11637, M12179, M12244-1, M51150-01)	
19	M51345-03	Fuel Line	1		HA3020	Pump Kit (M27694, M10993-1, M22997, M8940)	
20	M51150-01**	Fuel Filter	1				
21	M51345-04	Fuel Line Tube	1				
22	M10990-3	Rubber Bushing	1				
23	M50814-03	Airline	1				
24	098511-230	Lower Shell	1				
25	M50104-03	Bushing	2				

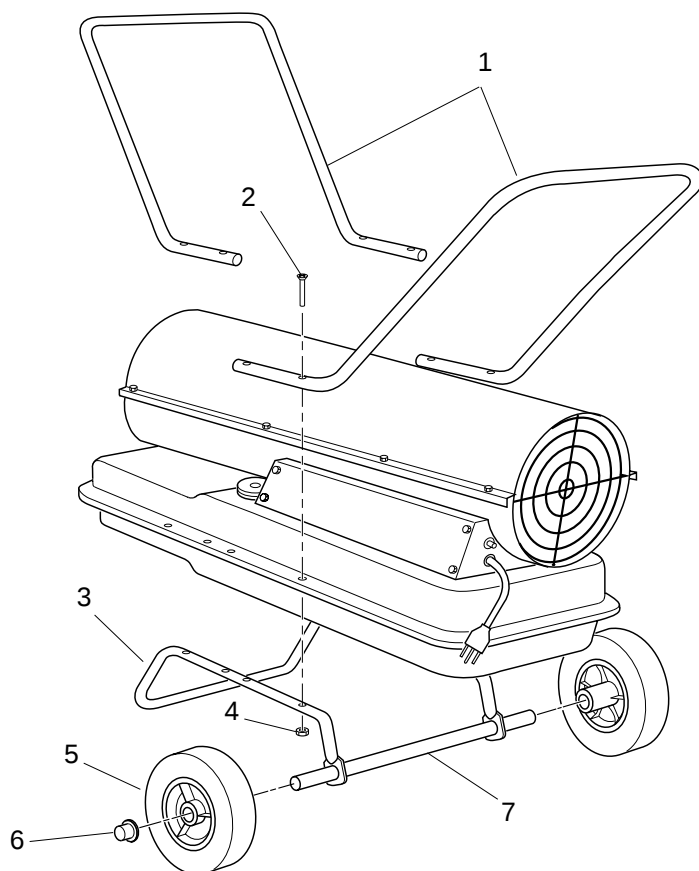
** See OPTIONAL ACCESSORIES

*** Not available as an assembly.

200,000 BTU/HR PORTABLE FORCED AIR HEATER

WHEELS AND HANDLE PARTS LIST

KEY NO.	PART NUMBER	PART DESCRIPTION	QTY.
1	105227-01	Handles	2
2	M12345-33	Screw, #10-24 x 1 3/4"	8
3	M12831-3	Wheel Support Frame	1
4	NTC-3C	Hex Nut, #10-24	8
5	097896-04	Wheel	2
6	M28526	Cap Nut	2
7	M16801-2	Axle	1



SPECIFICATIONS

Output Rating (Btu/Hr.)	200,000
Fuel	Use Only Kerosene or No. 1 Fuel Oil
Fuel Tank Capacity (U.S. Gal.)	13.5
Fuel Consumption (Gal. Per Hr.)	1.4
Pump Pressure (PSI)	6.0
Electric Requirements	120 V/60 Hz
Amperage (Normal Run)	4.5
Hot Air Output (CFM)	600
Motor RPM	3450
Motor HP	1/4
Shipping Weight (Approx. Lbs)	77
Heater Weight without Fuel (Approx. Lbs)	66

MAINTENANCE KITS

Btu/Hr	200,000
Flame-out Control Part No.	HA3003
Spark Plug Part No.	HA3012
Filter Kit Part No.	HA3017
Nozzle Part No.	100735-13
Rotor/Air Pump Kit Part No.	HA3005
Handle Part No.	HA2204
Photocell Part No.	HA3019
Pump Adjustment Part No.	HA3020

TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting.

If so, contact DESA International's Technical Service Department at 1-800-323-5190.

You can also visit DESA International's Technical Services web site at

www.desatech.com.