

For a list of parts that corresponds to the item numbers in the callouts, refer to Table 1-1. Note that some item numbers may appear more than once in the parts list depending on which model number is being referenced.

Wholesalers - Contact NY Thermal Inc. directly when ordering replacement parts, 1-506-657-6000.

Figure 1-1(a) Tft Heat Engine and Gas Train
Heat Exchanger, Gas Valve, Blower and Burner Assembly

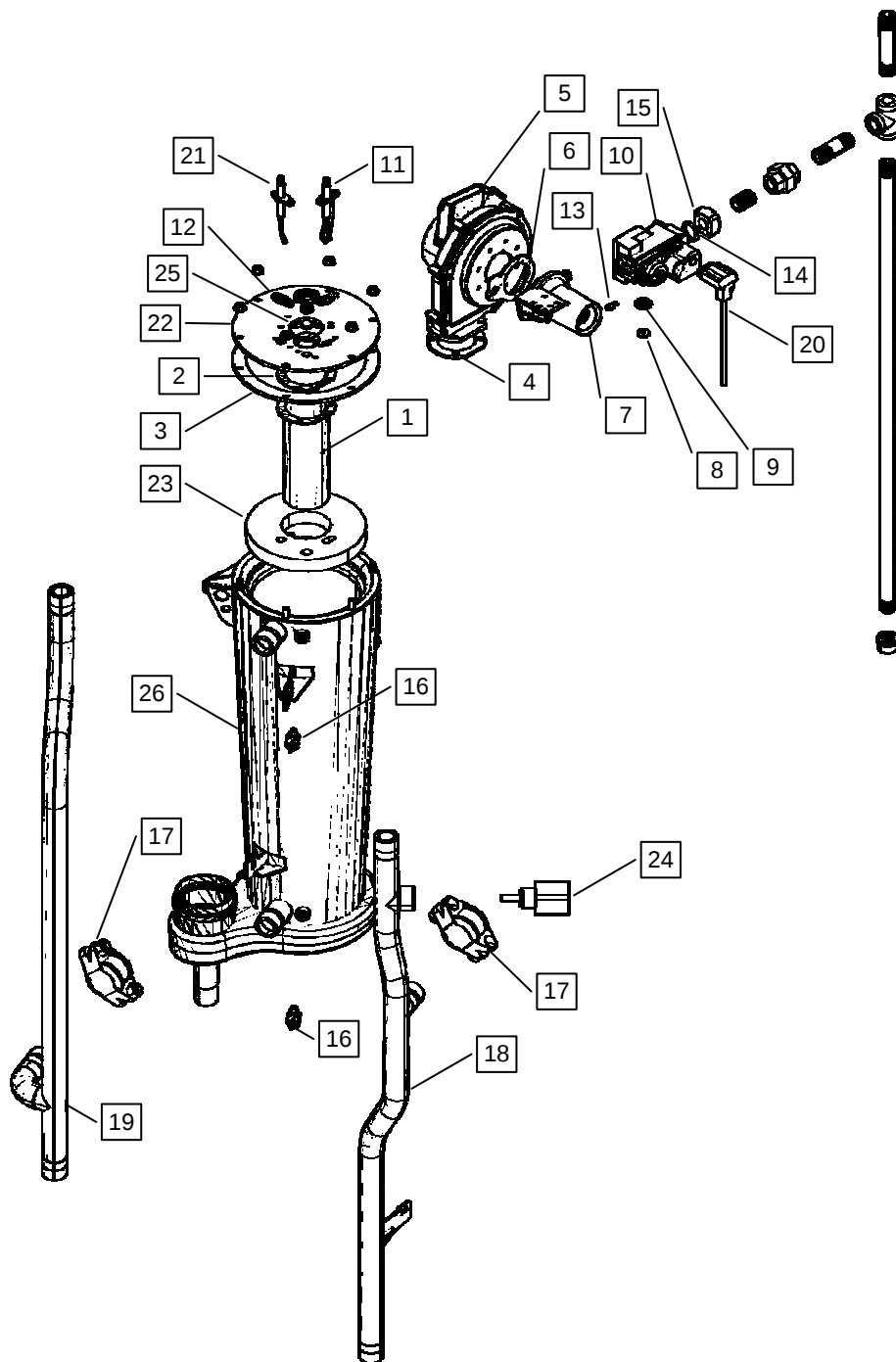


Figure 1-1(b) Tft Cabinet
Cabinet, Vent and Air-Inlet Parts

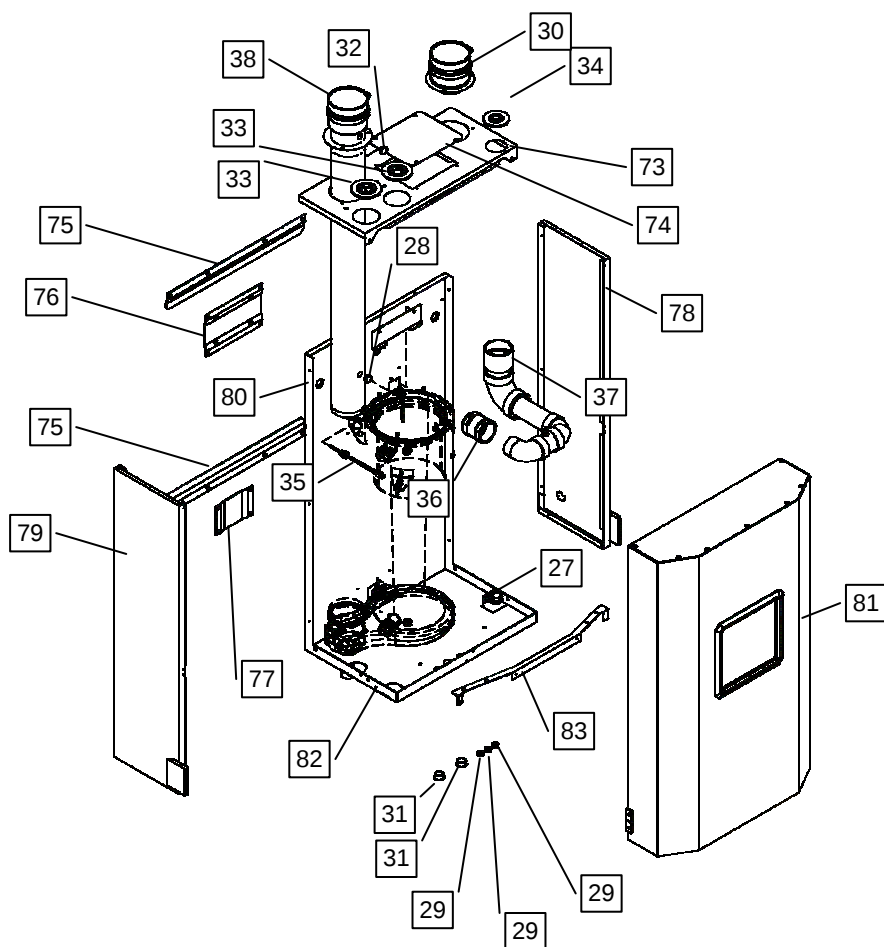


Figure 1-1(c) Tft Controls
Electrical Housing, Controller, and Display Module

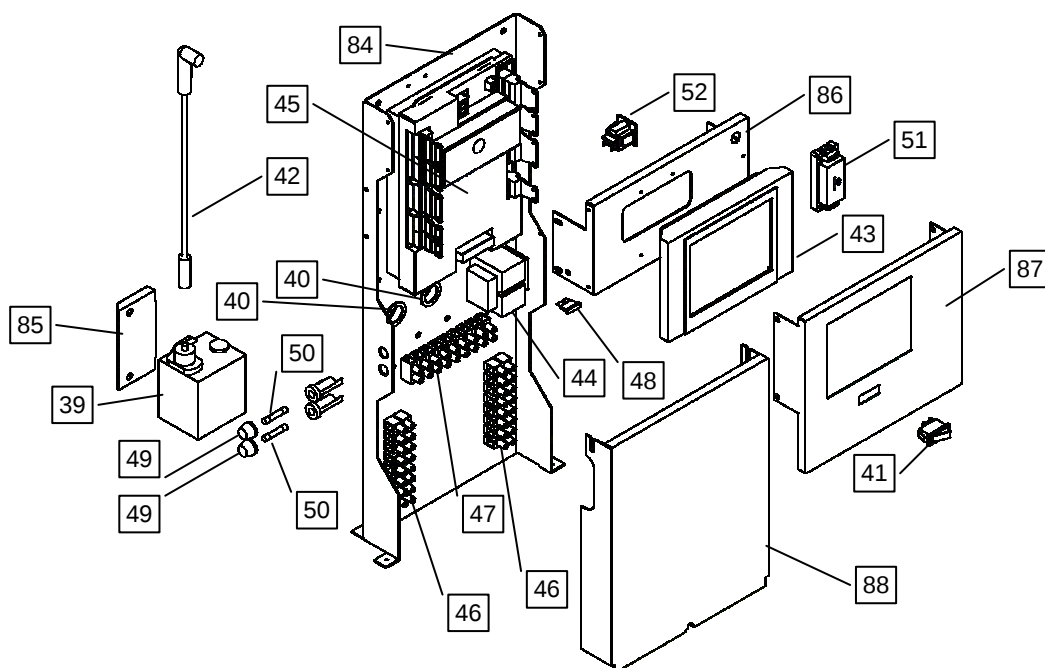


Figure 1-1(d) Tft Installation Kit

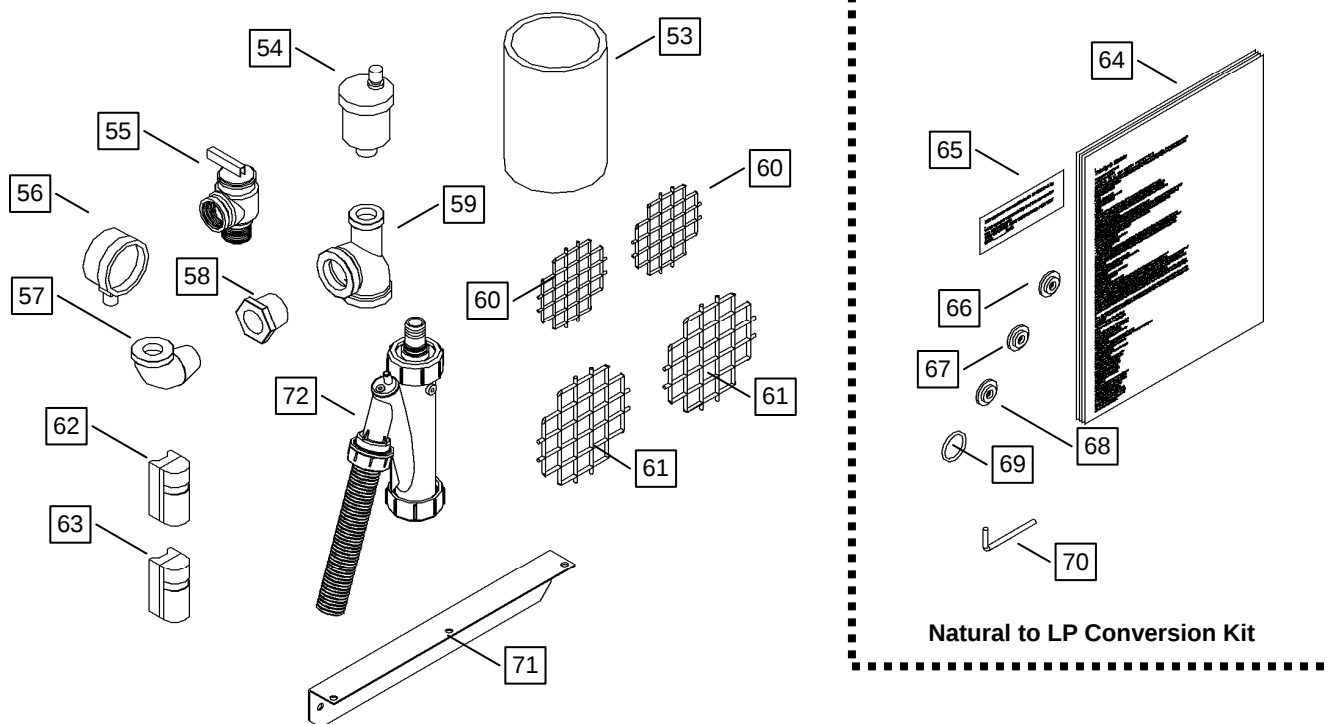


Table 1-1 Parts List: Tft Model

Item	Part #	Description
1	84541	Premix burner (Tft60-110)
1	84547	Premix Burner (Tft155-250)
1	84552	Premix burner (Tft300-399)
2	84542	Premix Burner Gasket (Tft60-110)
2	84548	Premix Burner Gasket (Tft155-250)
2	84553	Premix Burner Gasket (Tft300-399)
3	84545	Burner Plate Gasket (Tft60-110)
3	84549	Burner Plate Gasket (Tft155-250)
3	84554	Burner Plate Gasket (Tft300-399)
4	84441	Blower Gasket (Tft60-399)
5	82052	Combustion Blower (Tft60-110)
5	82661	Combustion Blower (Tft155-250)
5	82994	Combustion Blower (Tft300-399)
6	82054-2	Venturi Gasket (Tft60-250)
6	83106	Venturi O-ring (Tft300-399)
7	83205	Venturi (Tft60-85)
7	84433	Venturi (Tft110)
7	81994	Venturi (Tft155-250)
7	82990	Venturi (Tft300-399)

Item	Part #	Description
8	84470	Gas Valve Natural Gas Orifice 9.6mm (Tft300-399)
9	83206	Orifice Gasket (Tft60-399)
10	82054	Gas Valve (Tft60-250)
10	82989	Gas Valve (Tft300-399)
11	83870	Ignition Electrode, Dual – c/w gasket
12	82774	Flame Rod Gasket
13	82600	Gas Valve Regulator Vent Adapter
14	83883	Gas Valve Inlet O-ring Gasket (Tft60-250)
14	83194	Gas Valve Inlet O-ring Gasket (Tft300-399)
15	84442	Gas Valve ½” NPT adapter (Tft60-250)
15	84435	Gas Valve ¾” NPT adapter (Tft300-399)
16	84419	Sensor, Supply & Return, Dual (Tft60-250)
16	84039	Sensor, Supply & Return, Dual (Tft300-399)
17	84463	Pipe Coupling, Groove-Joint, 1” (Tft60-110)
17	84464	Pipe Coupling, Groove-Joint, 1 ¼” (Tft155-250)
17	84465	Pipe Coupling, Groove-Joint, 1 ½” (Tft300-399)
18	84454	Supply Pipe, SS, 1”
18	84457	Supply Pipe, SS, 1 ¼”
18	84460	Outlet Pipe, SS, 1 ½”
19	84455	Return Pipe, SS, 1”
19	84458	Return Pipe, SS, 1 ¼”
19	84461	Return Pipe, SS, 1 ½”
20	82064	Gas Valve Harness (Tft60-250)
20	83016	Gas Valve Harness (Tft300-399)
21	82762	Flame Rod
22	84543	Burner Plate (Tft60-110)
22	84550	Burner Plate (Tft155-250)
22	84555	Burner Plate (Tft300-399)
23	84544	Burner Plate Ceramic Disc (Tft60-110)
23	84551	Burner Plate Ceramic Disc (Tft155-250)
23	84556	Burner Plate Ceramic Disc (Tft300-399)
24	84424	Low Water Cutoff
25	84546	Sight Glass Assembly
26	84453	Heat Exchanger-ASME (Tft60-110)
26	84456	Heat Exchanger-ASME (Tft155-250)
26	84459	Heat Exchanger-ASME (Tft300-399)
27	84504	Tube Strap (Tft60-250)
27	84505	Tube Strap (Tft300-399)
28	84637	Flue Sensor Plug
29	84214	Grommet, Diaphragm, ½”
30	84436	Air-inlet Adapter, SS, 3” (Tft60-250)
30	84450	Air-inlet Adapter, SS, 4” (Tft300-399)
31	84095	Dome Plug, 0.875”
32	84497	Plug, 12mm, Flue Adapter Test Port
33	83506	Grommet, Vinyl, 1” IPS (Tft60-110)
33	84439	Grommet, Vinyl, 1 ¼” IPS (Tft155-250)
33	84440	Grommet, Vinyl, 1 ½” IPS (Tft300-399)
34	83505	Grommet, Vinyl, ½” IPS (Tft60-250)
34	83923	Grommet, Vinyl, ¾” IPS (Tft300-399)
35	83608	Sensor, Flue, Dual

Item	Part #	Description
36	82099	1 ½" MJ Coupling (Tft60-250)
36	83951	2" MJ Coupling (Tft300-399)
37	84557	Air-inlet Assembly (Tft60-110)
37	84558	Air-inlet Assembly (Tft155-250)
37	84559	Air-inlet Assembly (Tft300-399)
38	84432	Flue Outlet Adapter, SS, 3" (Tft60-110)
38	84438	Flue Outlet Adapter, SS, 3" (Tft155-250)
38	84451	Flue Outlet Adapter, SS, 4" (Tft300-399)
39	83707	Ignition Coil
40	82250	Snap Bushing, 1"
41	84490	Switch, On-Off (Tft series w/ Touch Screen)
41	84422	Switch, On-Off (Tft series w/ LCD Dot-Matrix Display (available Q_ 20_))
42	83724	Spark Igniter Wire, 12"
43	83592	Trinity Touch Screen Display
43	-	LCD Dot-Matrix Display (available Q_ 20_)
44	83190	Transformer, 24V, 40VA
45	77777	Controller, Tft series
46	84420	Terminal, Barrier, 2 Row, 8 Position
47	84421	Terminal, Barrier, 2 Row, 9 Position
48	83517	Fuse, 2A, 32V, Plug Style
49	84192	Fuse Holder, Panel Mount, 20 Amp at 250VAC Max
50	83837	Fuse, 7A, 250VAC, Fast-Acting
51	83592-1	Power Supply – Touch Screen (Tft series w/ Touch Screen Display)
52	84423	Receptacle, 120VAC
53	83911	3" CPVC Pipe, System 636, 5" long (Tft60-250)
53	83911	4" CPVC Pipe, System 636, 5" long (Tft300-399)
54	84474	Auto Air Vent, ½" NPT
55	13701	Pressure Relief Valve, ASME, ¾" NPT, 30psi
56	82148	Pressure Gauge, 0-30psi
57	84479	Brass Elbow, 90, Street, ¾"
58	82869	Brass Bushing, 1" x ¾" (Tft60-110)
58	84472	Brass Bushing, 1 ¼" x ¾" (Tft155-250)
58	84473	Brass Bushing, 1 ½" x ¾" (Tft300-399)
59	84466	Brass Tee, 1" x ½" x 1" (Tft60-110)
59	84467	Brass Tee, 1 ¼" x ½" x 1 ¼" (Tft155-250)
59	84468	Brass Tee, 1 ½" x ½" x 1 ½" (Tft300-399)
60	82615	2" Round Mesh Vent Screen (Tft60-110)
61	82616	3" Round Mesh Vent Screen (Tft60-250)
61	83018	4" Round Mesh Vent Screen (Tft300-399)
62	81027-1	Outdoor Sensor, 10K
63	84010	System Sensor, 10K
64	84492	Natural Gas to LP Conversion Instructions (Included in Kit 82650-1 w/ Tft60-250)
64	84501	Natural Gas to LP Conversion Instructions (Included in Kit 84471-1 w/ Tft300-399)
65	82782	Conversion Decal (Included in Kit 82650-1 w/ Tft60-250)
65	84483	Conversion Decal (Included in Kit 84471-1 w/ Tft300-399)
66	84434	Gas Valve LP Orifice 4.15mm (Tft60-85) (Included in Kit 82650-1 w/ Tft60-250)
67	82650	Gas Valve LP Orifice 5.2mm (Tft110) (Included in Kit 82650-1 w/ Tft60-250)
68	84157	Gas Valve LP Orifice 6.2mm (Tft155-250) (Included in Kit 82650-1 w/ Tft60-250)
68	84471	Gas Valve LP Orifice 7.4mm (Tft300-399) (Included in Kit 84471-1 w/ Tft300-399)
69		Gas Valve Orifice O-ring (Tft300-399) (Included in Kit 84471-1 w/ Tft300-399)

Item	Part #	Description
70	82253	Torx Allen Key (Tft60-250) (Included in Kit 82650-1 w/ Tft60-250)
71	83955	Lower Wall Mount Bracket
72	82913	Condensate Trap
73	84560	Top Panel (Tft60-110)
73	84561	Top Panel (Tft155-255)
73	84562	Top Panel (Tft300-399)
74	84563	Top Panel Access Cover (Tft60-110)
74	84564	Top Panel Access Cover (Tft155-255)
74	84565	Top Panel Access Cover (Tft300-399)
75	84566	Wall Mount Bracket, Galvanized (Tft60-250)
75	84567	Wall Mount Bracket, Galvanized (Tft300-399)
76	84568	Top Heat Exchanger Support, Galvanized
77	84569	Bottom Heat Exchanger Support, Galvanized
78	84570	Right Side (Tft60-110)
78	84571	Right Side (Tft155-250)
78	84572	Right Side (Tft300-399)
79	84573	Left Side (Tft60-110)
79	84574	Left Side (Tft155-250)
79	84575	Left Side (Tft300-399)
80	84576	Back, Galvanized (Tft60-399)
81	84577	Front Cover (Tft60-250)
81	84578	Front Cover (Tft300-399)
82	84579	Bottom, Galvanized (Tft155-250)
82	84580	Bottom, Galvanized (Tft300-399)
83	84581	Control Panel Support, Galvanized (Tft60-110)
83	84582	Control Panel Support, Galvanized (Tft155-250)
83	84583	Control Panel Support, Galvanized (Tft300-399)
84	84584	Control Panel Base, Galvanized
85	84585	Spark Generator Support Bracket, Galvanized
86	84586	Display Support, Galvanized (Tft series w/ Touch Screen Display)
86	84587	Display Support, Galvanized (Tft series w/ LCD Dot-Matrix Display (available Q_ 20_))
87	84588	Display Cover (Tft series w/ Touch Screen Display)
87	84589	Display Cover (Tft series w/ LCD Dot-Matrix Display (available Q_ 20_))
88	84590	Control Panel Cover, Galvanized

This image shows a full page of blank, lined paper. It features approximately 28 horizontal black lines spaced evenly across the page, typical of notebook or legal stationery. The lines are thin and extend from the left edge to the right edge. There is no handwriting, printed text, or other markings on the page.



NY Thermal Inc. 65 Drury Cove Road Saint John, NB E2H 2Z8 Canada
Technical Assistance: 1-800-688-2575
Website: www.nythermal.com
Fax: 1-506-432-1135