

INSTRUCTION MANUAL

MONTAGUE VECTAIRE

**Gas
Convection Ovens**

**MODELS:
70, 115, R85, 2-70,
2-115 & R2-85 Series**

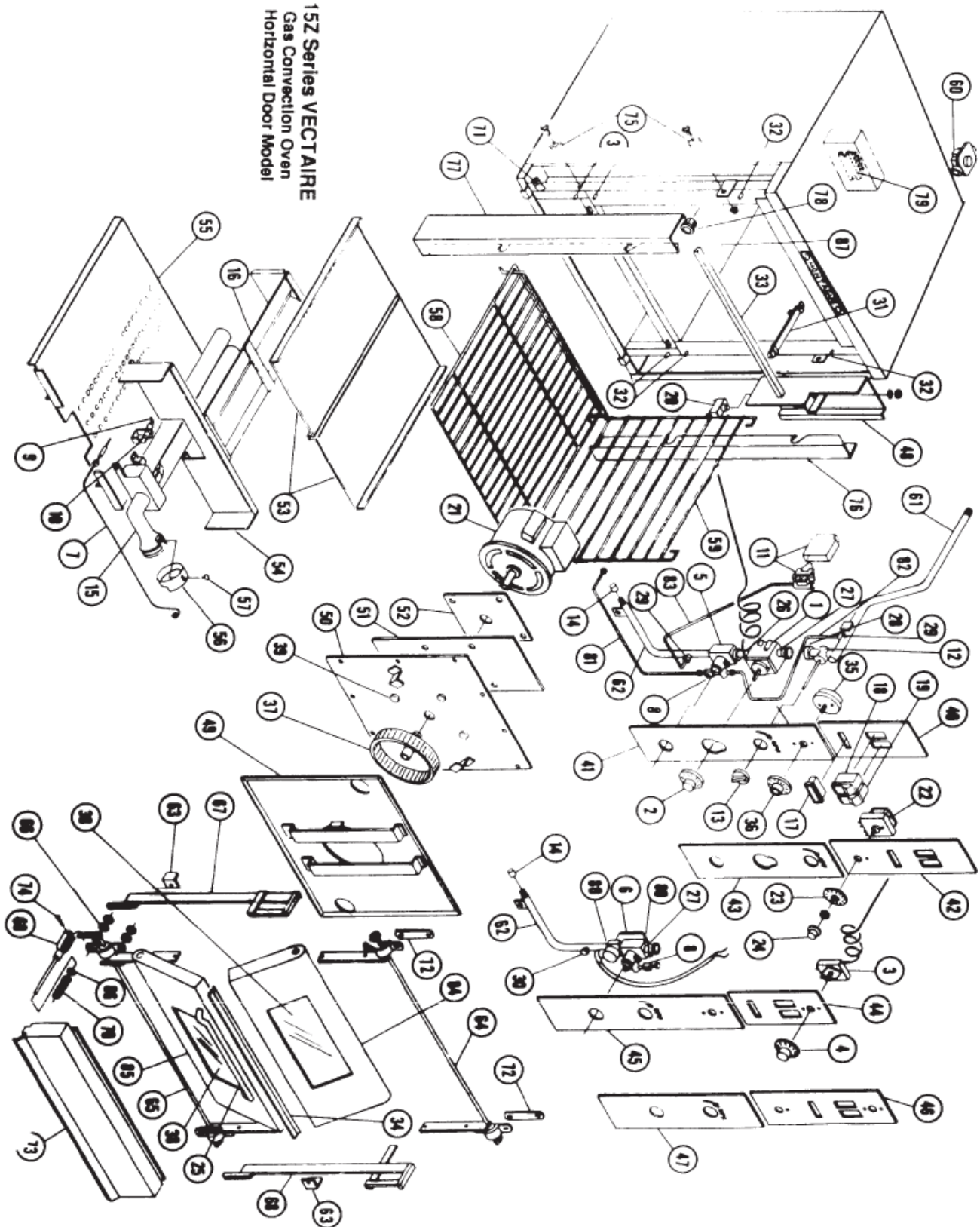
**These instructions should be read thoroughly before attempting installation.
Set up and installation should be performed by qualified installation personnel.**

Keep area around appliances free and clear from combustibles.

**PLEASE RETAIN THIS MANUAL
FOR FUTURE REFERENCE.**



15Z Series VECTAIRE
Gas Convection Oven
Horizontal Door Model



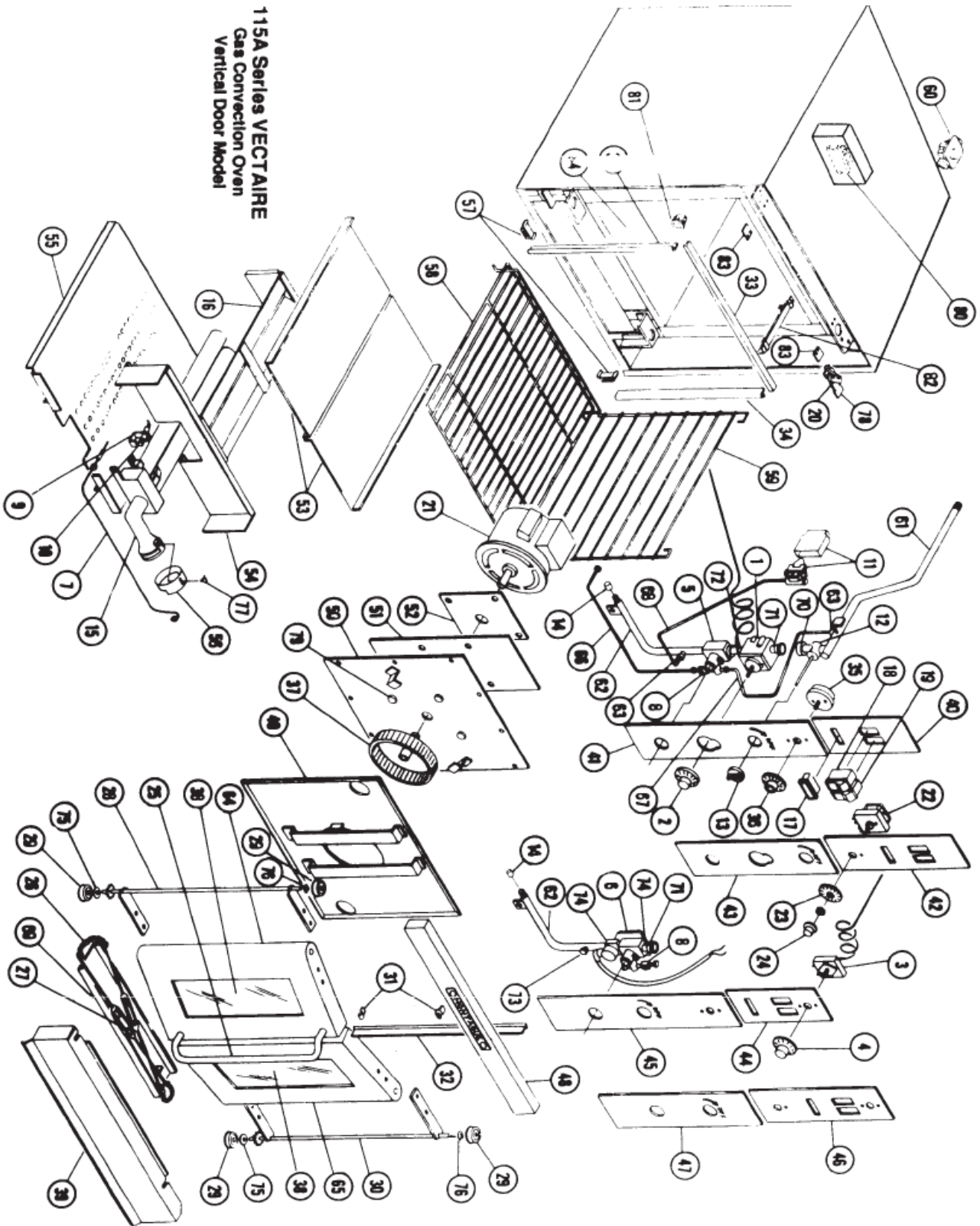
VECTAIRE Gas Convection Oven-Horizontal Door Model

1 3395-2 Thermostat, Gas (FDO)	42 4562-4 Panel, Upper (Elec. Timer)
2 1024-3 Dial, Thermostat-Gas	43 Panel, Lower 1
3 3499-1 Thermostat, Electric (KX)	44 4309-5 Panel, Upper El. Therm. (Mech. Timer)
4 1979-8 Dial, Thermostat-Electric	45 4308-7 Panel, Lower 11
5 1025-1 Safety Valve, Gas Thermostat	46 4564-0 Panel, Upper (Elec. Timer)
6 1028-6 Safety Valve, Elec. Therm. (c#1 2)	47 4563-2 Panel, Lower
6 1031-6 Safety Valve, Elec. Therm. (G#1 -11)	48 Panel, Switch Box Enclosure
7 1036-7 Thermocouple	49 1522-9 Rear Fan Baffle, Porcelain
8 1051-0 Pilot Valve	50 4375-3 Motor Mounting Plate
9 1033-2 Pilot Burner-Natural Gas	51 1757-4 Insulation Pad, Motor
9 1034-0 Pilot Burner-Propane Gas	52 4385-0 Spacer Plate, Motor
10 2220-9 Orifice, Pilot-Natural Gas	53 4583-7 Top, Burner Box Plate (2 piece)
10 2154-7 Orifice, Pilot-Propane Gas	54 7006-8 Front, Burner Box
11 22325-5 Pressure Switch	55 7779-8 Perf. Bottom, Burner Box
12 1038-3 Main Valve	55 34895-3.... Perf. Bottom, Burner Box-R85 (after 1/05)
13 2122-9 Knob, Main Valve (Red)	56 4494-6 Air Shutter
14 1044-8 Orifice, Main Burner-Natural Gas	57 1860-0 Bolt, Wing 1/4-20
14 6150-6 Orifice, R85, Natural; 2 req'd. (after Jan.'05)	58 1590-3 Rack, Oven Standard
14 1042-1 Orifice, Main Burner-Propane Gas	59 1594-6 Rack Guide, Right
14 2277-2 Orifice, R85, Propane; 2 req'd. (after Jan.'05)	 1593-8 Rack Guide, Left (Not Shown)
15 4349-4 Main Burner-Natural Gas	60 1039-1 Regulator-Natural Gas (3/4")
15 4355-9 Main Burner-Propane Gas	60 1040-5 Regulator-Propane Gas (3/4")
15 32431-0 Burner Assy-R85 (after Jan.'05)	61 6851-9 Manifold, Main (3/4")
16 4344-3 Deflector (S/S)	62 1099-5 Manifold, Lower (1 /2")
16 34904-6 Deflector (S/S)-R85 (after Jan.'05)	62 34934-8 Manifold Assy.-R85 (after Jan.'05)
17 1295-5 Light, Indicating "Burner" (110V)	63 4433-4 Guide, Gear Rack
18 1293-9 Switch, Light	64 3578-5 Trunnion, Upper Door
19 1305-6 Switch, Fan-Off-Cool	65 3575-0 Trunnion, Lower Door
20 1300-5 Switch, Door	66 1904-6 Spacer, Door (1/2")
21 1402-8 Motor, 115/208-240V 1 PH 60Hz Baidor	67 *3596-3 Gear Rack, Left
21 2167-9 Motor, 11 5/208-240V 1 PH 60Hz Howell	68 **3611-0 Gear Rack, Right
21 1404-4 Motor, 230/440V 3PH 60Hz Baldor	69 3408-8 Yoke with Guide Pin
22 1406-0 Timer, Electric-1 1 OV	70 2024-9 Spring, Door Assembly
22 1407-9 Timer, Electric-220V	71 3411-8 Replacemant Yoke Pin Guide
23 2044-3 Dial, Electric Timer	72 3597-1 Spacer, Upper Trunnion
24 2041-9 Knob, Electric Timer	73 4411-3 Firebox Panel (S/S)
25 3173-9 Handle, Oven Door	74 3412-6 Pin, Yoke
26 1150-9 Nipple, 3/8"x 2"	75 3413-4 Bearing with Bolt and Nut
27 1149-5 Nipple, 3/8"x 1-1/2"	76 6015-1 Panel, Right Gear Cover
28 1183-5 Union, 3/8"	77 4581-0 Panel, left Gear Cover
29 1277-7 Fitting-1 /8" NPT x 1/4" CC	78 1408-7 Light Socket
30 1279-3 Plug, 1/8"NPT	79 8584-7 Terminal Block
31 6156-5 Holder, Capillary Tube	80 1119-3 Bushing, 3/8"x 1/2" NPT
32 1944-5 "D" Bolt, 5/16" x 1 "	81 1229-7 Tube, Safety Valve to Pilot
33 4376-1 Door Seal, Upper-Metal	81 25013-9 Tube, Manifold to Valve-R85(1/05)
34 4381-8 Door Seal, Center-Metal	82 1225-4 Tube, Manifold to Safety Valve
35 2125-3 Timer, Mechanical	84 4348-6 Upper Door with Window
36 2043-5 Dial, Mechanical Timer	85 3606-4 Lower Door with Window
37 2123-7 Fan Wheel with Set Screw	86 3488-6 Keeper, Door Bearing
38 2124-5 Window	87 1524-5 Oven Bottom, Porcelain
39 1945-3 Bolt, Motor Mounting	88 6949-3 Pilot Shield
40 11752-8 Panel, Upper Gas Therm. (Mech. Timer)	
41 11750-1 Panel, Lower 1.	

*Left gear racks for oven prior to 1963-P/N 3610-2

**Right gear racks for ovens prior to 1974—consult with factory for correct number and

115A Series VECTAIRE
Gas Convection Oven
Vertical Door Model



VECTAIRE Gas Convection Oven-Vertical Door Model

1	3395-2	Thermostat, Gas (FDO)	41	4487-3	Panel, Lower
2	1024-3	Dial, Thermostat—Gas	42		Panel, Upper (Elec. Timer)
3	3499-1	Thermostat, Electric (KX)	43		Panel, Lower 11
4	1979-8	Dial, Thermostat-Electric	44	6958-2	Panel, Upper El. Therm. (Mech. Timer)
5	1025-1	Safety Valve, Gas Thermostat	45	4459-8	Panel, Lower 1.
6	1028-6	Safety Valve, Elec Therm. (c#12)	46		Panel, Upper (Elec. Timer)
6	1031-6	Safety Valve, Elec. Therm. (c#1 -11)	47		Panel, Lower 1.
7	1036-7	Thermocouple	48	4575-6	Capping Panel, Upper Front (S/S)
8	1051-0	Pilot Valve	49	1522-9	Rear Fan Battle, Porcelain
9	1033-2	Pilot Burner—Natural Gas		4375-3	Motor Mounting Plate
9	1034-0	Pilot Burner—Propane Gas	51	1757-4	Insulation Pad, Motor 8
10	2220-9	Orifice, Pilot—Natural Gas	53	4583-7	Top, Burner Box Plate (2 piece)
10	2154-7	Orifice, Pilot-l'mr-ine Gas	54	7006-8	Front, Burner Box
11	1037-5	Pressure Switch	55	7779-8	Perf. Bottom, Burner Box
12	1038-3	Main Valve	55	34895-3	Perf. Bottom, Burner Box-R85 (after 1/05)
13	1122-9	Knob, Main Valve (Red)	56	4494-6	Air Shutter
14	1044-8	Orifice, Main Burner-Natural	57	6949-3	Pilot Shield
14	6150-6	Orifice, R85, Natural; 2 req'd. (after Jan.'05)	57	2040-0	Magnet, Firebox Panel
14	1042-1	Orifice, Main Burner-Propane	58	1590-3	Rack, Oven Standard
14	2277-2	Orifice, R85, Propane; 2 req'd. (after Jan.'05)	59	1594-6	Rack Guide, Right
15	4349-4	Main Burner-Natural Gas		1593-8	Rack Guide, Left (Not Shown)
15	4355-9	Main Burner-Propane Gas	60	1039-1	Regulator-Natural Gas (3/4")
15	32431-0	Burner Assy-R85 (after Jan.'05)	60	1040-5	Regulator-Propane Gas (3/4")
16	4344-3	Deflector (S/S)	61	6851-9	Manifold, Main (3/4")
16	34904-6	Deflector (S/S)-R85 (after Jan.'05)	62	1099-5	Manifold, Lower (1/2")
17	1295-5	Light, Indicating "Burner"(110V)	62	34934-8	Manifold Assy.-R85 (after Jan.'05)
18	1293-9	Switch, Light	63	1277-7	Fitting-1/8" NPT x 1/4" CC
19	1305-6	Switch, Fan-Off -Cool	64	3607-2	Door, Handle Side
20	1300-5	Switch, Door	65	3608-0	Door, Right Side
21	1402-8	Motor, 115/208-240V 1 PH 60Hz Baldor	66	1229-7	Tube, Safety Valve to Pilot
21	2167-9	Motor, 115/208-240V 1 PH 60Hz Howell	66	25013-9	Tube, Manifold to Valve-R85(1/05)
21	1404-4	Motor, 230/440V 3PH 60Hz Baldor	67	1225-4	Tube, Manifold to Safety Valve
22	1406-0	Timer, Electric-110V	69	4399-0	Guard, Chain Assembly
22	1407-9	Timer, Electric-220V	70	1183-5	Union, 3/8"
22	4385-0	Spacer Plate, Motor	71	1149-5	Nipple, 3/8" x 1- 1/2"
23	2044-3	Dial, Electric Timer	72	1150-9	Nipple, 3/8" x 2"
24	2041-9	Knob, Electric Timer	73	1279-3	Plug, 1/8" NPT
25	3173-9	Handle, Oven Door	74	1119-3	Bushing, 3/8" x 1/2" NPT
26	2016-8	Chain, Oven Door	75	1904-6	Spacer, Door (1/2')
27	3172-0	Turnbuckle-with Rods	76	1961-5	Keeper, Door Trunnion
28	3239-5	Trunnion, Left	77	1860-0	Bolt, Wing 1/4-20
29	2014-1	Bearing, Oven Door	78	11869-9	Bracket, Door Switch
30	3585-8	Trunnion, Right	79	1945-3	Bolt Motor Mounting
31	3414-2	Spring Clip, Door (2 each)	80	8584-7	Terminal Block
32	4379-6	Door Seal, Center-Metal	81	1408-7	Light Socket
33	4376-1	Door Seal, Upper-Metal	82	6156-5	Holder, Capillary Tube
34	4378-8	Door Seal, Side-Metal	83	3488-6	Keeper, Door Bearing
35	2125-3	Timer, Mechanical	84	1524-5	Oven Bottom, Porcelain
36	2043-5	Dial, Mechanical -Timer			
37	2123-7	Fan Wheel with Set Screw			
38	2124-5	Window			
39	3593-9	Firebox Panel, Clip Style (S/S)			
39	7068-8	Firebox Panel, Magnet Style (S/S)			
40	6967-1	Panel, Upper Gas Therm. (Mech. Timer)			