

# REPLACEMENT PARTS MANUAL

## HIGH ECONOMY GAS FIRED FURNACES MODELS IL85D42D, IL115D48A, IL145D60A

Manual 2110-855

Revision F

Date 3-26-92

Supersedes 3-23-92

\*\*\*\*\*  
\* GENERAL NOTES \*  
\*\*\*\*\*

\*Revised and/or additional pages may be issued from time to time.  
\*A complete and current manual consists of pages dated as shown in the following index.

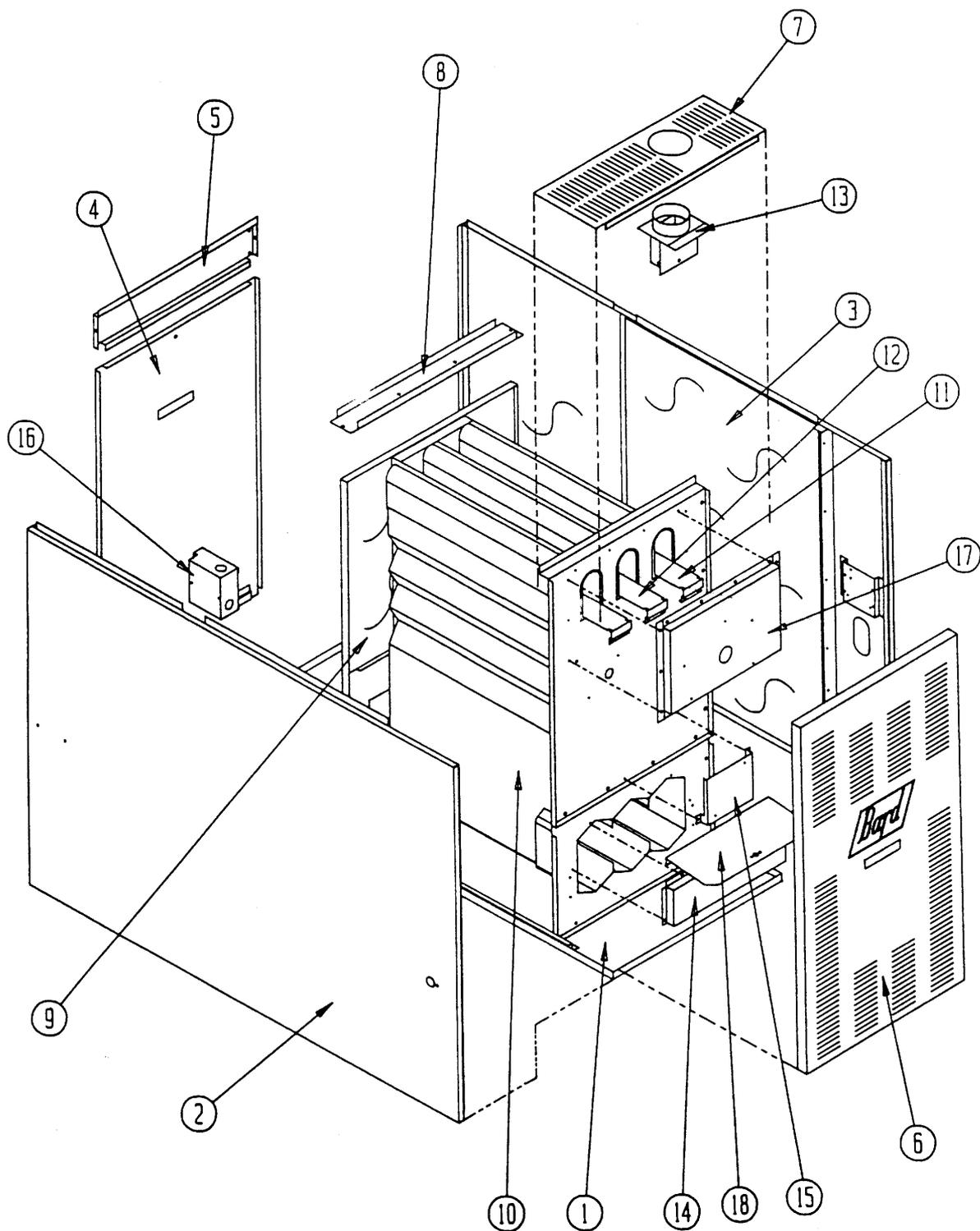
\*\*\*\*\*  
\*\* INDEX \*\*  
\*\*\*\*\*

<u>Page</u>	<u>Description</u>	<u>Page</u>	<u>Date</u>	<u>Supersedes</u>
	<b>Cabinet Components--Exploded View</b>	1	3-23-92	Z-19-90
"	--Usage List	2	3-26-92	3-23-92
Functional Components--Exploded View		3	3-23-92	Z-19-90
"	--Usage List	4	3-26-92	3-23-92

\*\*\*\*\*  
\*\*\* IMPORTANT \*\*\*  
\*\*\*\*\*

Contact the **installing** and/or local Bard distributor for all parts requirements. Make sure you have the complete model and serial number available from the unit rating plate.

CABINET COMPONENTS



IL85D42D model shown above

Date: 3-23-92  
Supersedes: 2-19-90

2110-855  
Page: 1

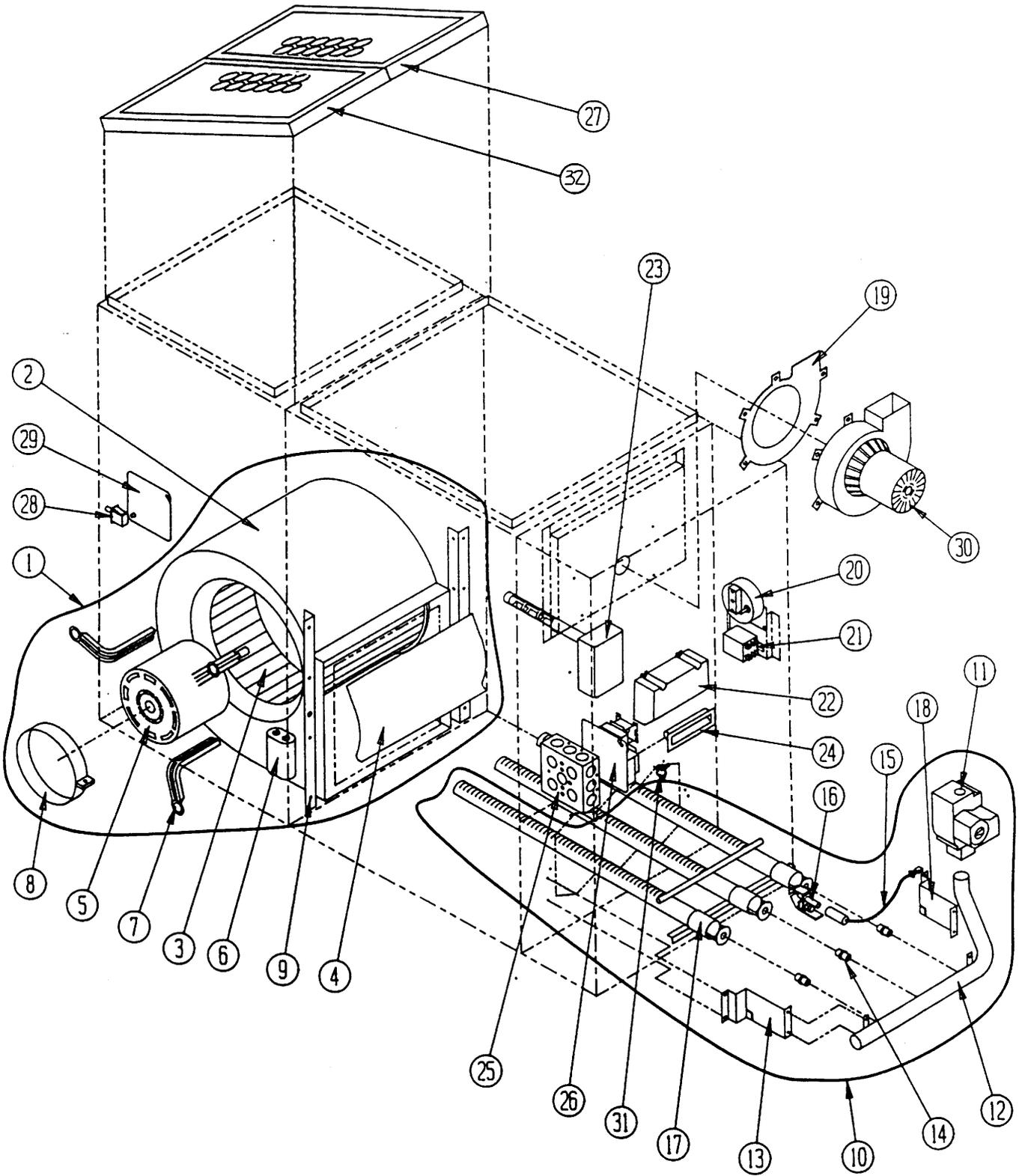
CABINET COMPONENTS

Dwg. No.	Part No.	Description	I L 8 5 D 4 2 D	I L 1 5 D 4 8 A	I L 1 4 5 D 6 0 A
1	127-099	Base	x		
1	127-100	Base		x	
1	127-101	Base			x
2	501-250	Left Side Assembly	x	x	x
3	501-251	Right Side Assembly	x	x	x
4	553-092	Blower Door Assembly	x		
4	553-094	Blower Door Assembly		x	
4	553-096	Blower Door Assembly			x
5	108-042	Upper Back	x		
5	108-043	Upper Back		x	
5	108-044	Upper Back			x
6	152-093	Burner Door	x		
6	152-095	Burner Door		x	
6	152-097	Burner Door			x
7	106-041	Top Fill	x		
7	106-042	Top Fill		x	
7	106-079	Top Fill			x
8	164-527	Top Channel	x		
8	164-528	Top Channel		x	
8	164-529	Top Channel			x
9	521-212	Blower Partition	x		
9	521-213	Blower Partition		x	
9	521-214	Blower Partition			x
10	171-142	Heat Exchanger Assembly	x		
10	171-147	Heat Exchanger Assembly		x	
10	171-155	Heat Exchanger Assembly			x
11	168-002	Internal Flue Baffle Outside	3	2	4
12	168-013	Internal Flue Baffle Inside		2	1
13	913-0004	Flue Stack Assembly	x	x	x
14	168-008	Secondary Air Baffle	x		
14	168-010	Secondary Air Baffle		x	
14	168-018	Secondary Air Baffle			x
15	112-099	Ignition Module Bracket	x	x	x
16	116-084	Rear Junction Box	x	x	x
17	913-0006	Collector Box Assembly	x		
17	913-0007	Collector Box Assembly		x	
17	913-0008	Collector Box Assembly			x
18	140-160	Switch Support	x		
18	140-161	Switch Support		x	
18	140-162	Switch Support			x

Date: 3-23-92  
Supersedes: 2-19-89

2110-855

FUNCTIONAL COMPONENTS



Date: 3-23-92  
Supersedes: 2-19-90

FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	I L 8 5 D 4 2 D A	I L 1 5 D 4 8 A	I L 1 4 5 D 6 0 A
1	900-103	Blower Assembly	x		
1	900-104	Blower Assembly		x	
1	900-054	Blower Assembly			x
2	151-073	Blower Housing Assembly	x		
2	151-074	Blower Housing Assembly		x	
2	(1)5152-050	Blower Housing Assembly			x
3	5152-014	Blower Wheel	x		
3	5152-059	Blower Wheel		x	
3	5152-053	Blower Wheel			x
4	144-128	Diffuser	x		
4	144-129	Diffuser		x	
4	(1)N/A	Diffuser			x
5	8105-009	Motor	x		
5	8106-018	Motor		x	
5	8107-004	Motor			x
6	8552-002	Capacitor	x		
6	8552-004	Capacitor		x	
6	8552-026	Capacitor			x
7	8200-034	Motor Mount Arm	3	3	
7	8200-035	Motor Mount Arm			3
8	8200-033	Motor Mount Band	x	x	x
9	104-794	Blower Angle	2	2	2
10	901-0050	Burner Assembly	x		
10	901-0061	Burner Assembly		x	
10	901-0076	Burner Assembly			x
11	5651-062	Gas Valve	x	x	x
12	5818-020	Manifold 3 Section	x		
12	5818-021	Manifold 4 Section		x	
12	5818-022	Manifold 5 Section			x
13	1127095	Left Manifold Bracket	x	x	x
14	9010-010	Gas Orifice #38	3	4	5
15	8600-009	Ignition Cable	x	x	x
16	8620-038	Pilot Burner Assembly	x	x	x
17	9010-037	Burner 3 Section	x		
17	9010-038	Burner 4 Section		x	
17	9010-039	Burner 5 Section			x

Dwg. No.	Part No.	Description	I L 8 5 D 4 2 D A	I L 1 5 D 4 8 A	I L 1 4 5 D 6 0 A
18	112X095	Right Manifold Bracket	x	x	x
19	1921-019	IDB Gasket	x	x	x
20	8406-051	Pressure Switch	x	x	x
21	8201-048	DPST Relay 24V Coil	x	x	x
22	5651-093	Ignition Module	x	x	x
23	8402-043	Fan/Limit Control	x	x	
23	8402-042	Fan/Limit Control			x
24	1171-025	Door Pull	x	x	x
25	8614-001	Front Junction Box	x	x	x
26	8201-006	Fan Center	x	x	x
27	7003-023	Permanent Filter	2		
27	7003-016	Permanent Filter		x	2
28	8406-013	Door Switch	x	x	
28	8406-047	Door Switch			x
29	8614-029	Cover Plate	x	x	x
30	8109-001	Induced Draft Blower	x	x	x
31	8406-037	Flame Rollout Switch	x		
31	8406-038	Flame Rollout Switch		x	x
32	7003-021	Permanent Filter		x	
	4046-120	Wiring Diagram	x	x	x
	8620-040	Pilot Gas Tube W/Fitting	x	x	x

(1) Dwg. No. 2 part No. 5152-050 includes housing, diffuser, and blower wheel part No. 5152-053.

Date: 3-26-92  
Supersedes: 8-30-91