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E4FH, E5FH SERIES 12 SEER HEAT PUMP 1 PH OUTDOOR UNIT

HVAC SERVICE PARTS

Supersedes:035-16483-001 Rev. F (0503)

035-16483-001 Rev. G (1004)

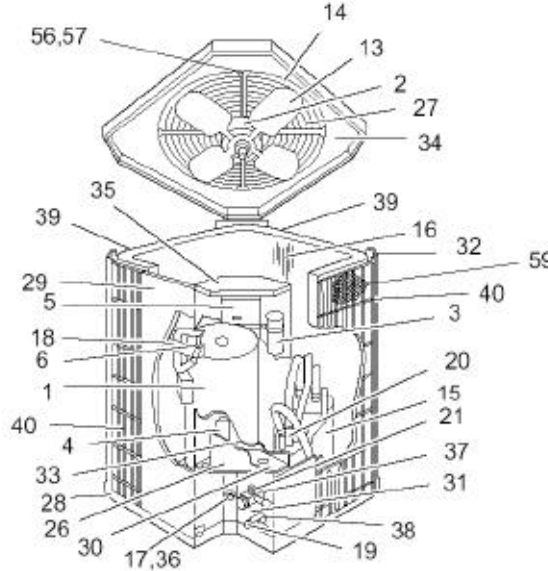


FIGURE 1 -HEAT PUMP- OUTDOOR UNIT

FIG	ITEM	DESCRIPTION	E4FH018S06A	E4FH024S06A	E4FH024S06B	E4FH030S06A	E4FH036S06A
1++	1	Compressor, Hermetic	015-03427-001	015-02733-004	015-03527-004	015-02721-004	015-02689-004
*	1A	Harness, Compressor	373-22279-002	373-22281-001	373-22281-001	373-22281-001	373-22299-001
1	2	Motor, Fan	024-27668-010	024-27668-010	024-27668-010	024-27551-000	024-25119-000
1	3	Capacitor, Run (30/5MFD) [RC]	024-24778-000	---	---	---	---
		Capacitor, Run (35/5MFD) [RC]	---	---	024-23998-000	---	---
		Capacitor, Run (40/5MFD) [RC]	---	024-25893-000	---	024-25893-000	---
		Capacitor, Run (50/5MFD) [RC]	---	---	---	---	024-25338-000
1	4	Contact, Electrical (30 amp) [M]	024-27531-000	024-27531-000	024-27531-000	024-27531-000	024-27531-000
1	5	Control, Module (Defrost)	031-01298-000	031-01298-000	031-01298-000	031-01298-000	031-01298-000
1	6	Control, Pressure	025-33305-048	025-33305-048	025-33305-048	025-33305-048	025-33305-048
	7						
*	8	Sensor, Temperature (Liquid)	031-01276-000	031-01276-000	031-01276-000	031-01276-000	031-01276-000
*	9	Sensor, Temperature (Ambient)	025-32701-000	025-32701-000	025-32701-000	025-32701-000	025-32701-000
*	10	Sensor, Temperature (Discharge)	031-01278-000	031-01278-000	031-01278-000	031-01278-000	031-01278-000
	11						
	12						
1	13	Blade, Fan	026-34091-000	026-34091-000	026-34091-000	026-34754-000	026-31361-000
1	14	Inlet, Ring	---	---	---	---	032-00183-000
1	15	Accumulator	026-37302-000	026-37302-000	026-37302-000	026-37302-000	026-31681-001
1	16	Coil, Condenser	373-22203-002	373-22203-002	373-22203-002	373-22203-003	373-18097-001
1	17	Core, Valve	022-02475-000	022-02475-000	022-02475-000	022-02475-000	022-02475-000
1	18	Distributor	025-35352-001	025-35352-002	025-35352-002	025-35352-003	022-08948-010
		(Includes the following orifice)	029-19387-024	029-19387-026	029-19387-026	029-19387-028	029-19387-014
1	19	Connection, Liquid (with valve)	023-18434-000	023-18434-000	023-18434-000	023-18434-000	022-08949-000
1	20	Valve, Reversing (with coil)	025-35313-001	025-35313-001	025-35313-0001	025-35313-001	025-35310-001
1	21	Valve, Suction	022-08958-000	022-08962-000	022-08962-000	022-08962-000	022-08963-000

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 10/04.

Major components and suggested stocking items are shown with shaded item number.

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--- Not applicable to specified model.

++ Must be ordered with component #58.

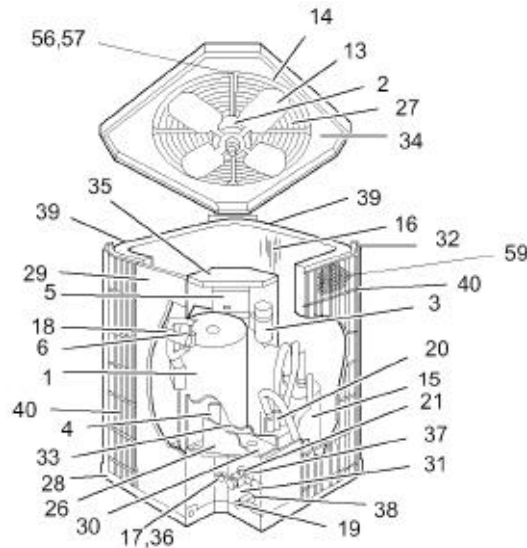


FIGURE 2 - HEAT PUMP-OUTDOOR UNIT

FIG	ITEM	DESCRIPTION	E4FH018S06A	E4FH024S06A	E4FH024S06B	E4FH030S06A	E4FH036S06A
*	22	Filter, Drier	026-35442-000	026-35442-000	026-35442-000	026-35442-000	026-35459-000
	23						
*	24	Coil Solenoid (Ranco)	025-38948-000	025-38948-000	025-38948-000	025-38948-000	025-38948-000
	25						
2	26	Cover, Electric Box	073-21137-001	073-21137-001	073-21137-001	073-21137-001	073-21137-001
2	27	Guard, Fan	026-34759-003	026-34759-003	026-34759-003	026-34759-003	026-31698-004
2	28	Pan, Base	073-21123-001	073-21123-001	073-21123-001	073-21123-001	073-21126-001
2	29	Panel, Access	---	---	---	---	073-21140-001
2	30	Panel, Bottom (Electrical Box)	063-94133-000	063-94133-000	063-94133-000	063-94133-000	063-94133-000
2	31	Panel, Connection	073-21128-002	073-21128-002	073-21128-002	073-21128-002	073-21128-002
2	32	Panel, Corner (3 Req'd)	073-21132-001	073-21132-001	073-21132-001	025-21132-001	073-21132-001
2	33	Panel, Electric Box	073-17669-000	073-17669-000	073-17669-000	073-17669-000	073-17669-000
2	34	Panel, Top	073-21122-001	073-21122-001	073-21122-001	073-21122-001	073-21125-001
2	35	Panel, Top (Electrical Box)	063-92845-000	063-92845-000	063-92845-000	063-92845-000	063-92845-000
2	36	Cap, Flare	023-10745-000	023-10745-000	023-10745-000	023-10745-000	023-10745-000
2	37	Clip, Retaining (Suction)	021-17429-000	021-17429-000	021-17429-000	021-17429-000	021-17429-000
2	38	Clip, Retaining (Liquid)	021-17438-000	021-17438-000	021-17438-000	021-17438-000	021-17438-000
2	39	Guard, Coil (24 x 16) (2 Req'd)	026-35559-000	026-35559-000	026-35559-000	026-35559-000	---
2	40	Guard, Coil (24 x 13) (2 Req'd)	026-35560-000	026-35560-000	026-35560-000	026-35560-000	---
2	41	Guard, Coil	---	---	---	---	026-35565-000
2	42	Guard, Coil	---	---	---	---	---
2	43	Guard, Coil	---	---	---	---	026-35566-000
2	44	Guard, Coil	---	---	---	---	026-35567-000
	45						
*	46	Hubcap	026-35577-000	026-35577-000	026-35577-000	026-35577-000	026-35577-000
*	47	Isolator, Accumulator	---	---	---	---	028-03468-000
*	48	Isolator, Compressor (4 Req'd)	028-10190-000	028-10581-000	028-10581-000	028-10581-000	028-10581-000
*	49	Kit, Housing and Terminal	363-91353-000	363-91353-000	363-91353-000	363-91353-000	363-91353-000
*	50	Kit, Motor Mounting	363-90117-000	363-90117-000	363-90117-000	363-90117-000	363-90117-000
*	51	Isolator, Unit (4 Req'd)	028-12476-000	028-12476-000	028-12476-000	028-12476-000	028-12264-000
*	52	Reducer, 90 Degree	---	---	---	---	---
*	53	Diagram, Wiring	035-14467-000	035-14467-000	035-14467-000	035-14467-000	035-14467-000
*	54	Indoor Orifice, Refrigerant (See Note1)	029-19387-009	029-19387-003	029-19387-010	---	---
*	55	Blanket, Compressor	010-04621-000	010-06250-000	010-06250-000	010-06250-000	010-06234-000
2	56	Conduit, Electric	028-13367-000	028-13367-000	028-13367-000	028-13367-000	028-13368-000
2	57	Clip, Conduit	026-35580-000	026-35580-000	026-35580-000	026-35580-000	021-17302-000
*	58	Coupling, Reducer (3/4" x 5/8")	023-16885-000	---	---	---	073-05585-000
2	59	Coil Guard, Plastic Mesh	028-14797-000	028-14797-000	028-14797-000	028-14797-000	028-14799-000
*	60	Fastener, Push-in (4 Req'd)	021-18381-000	021-18381-000	021-18381-000	021-18381-000	021-18381-000

NOTE: *Not Shown

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Major components and suggested stocking items are shown with shaded item number.

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--- Not applicable to specified model.

1 Refer to Tech Guide for proper selection of Orifice.

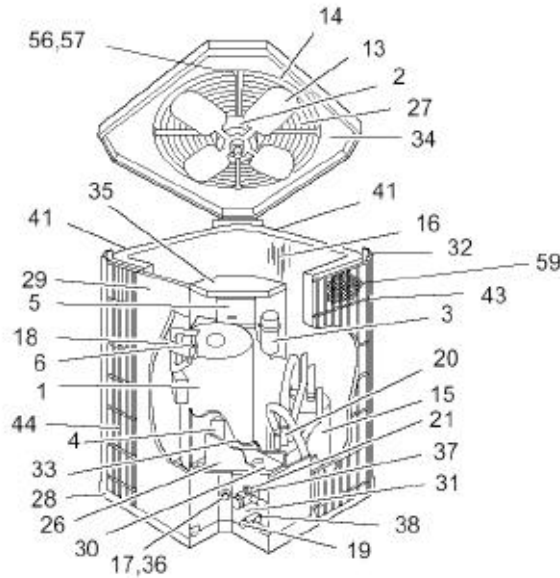


FIGURE 3 -HEAT PUMP- OUTDOOR UNIT

FIG	ITEM	DESCRIPTION	E4FH042S06A	E4FH048S06A	E5FH048S06A	E4FH060S06A
3	1	Compressor, Hermetic	015-02690-004	015-02655-004	015-03533-004	015-02620-004
*	1A	Harness, Compressor	373-22299-001	373-22300-001	373-22282-001	373-22300-001
3	2	Motor, Fan	024-25119-000	024-25119-000	024-25119-000	024-25820-000
3	3	Capacitor, Run (55/5MFD) [RC]	024-25049-000	---	---	---
		Capacitor, Run (60/5MFD) [RC]	---	024-25033-000	024-32083-000	---
		Capacitor, Run (80/10MFD) [RC]	---	---	---	024-27522-000
3	4	Contact, Electrical (30 amp) [M]	024-27531-000	024-27531-000	024-27531-000	---
		Contact, Electrical (40 amp) [M]	---	---	---	024-25837-000
3	5	Control, Module (Defrost)	031-01298-000	031-01298-000	031-01298-000	031-01298-000
3	6	Control, Pressure	025-33305-048	025-33305-048	025-33305-048	025-33305-048
	7					
*	8	Sensor, Temperature (Liquid)	031-01276-000	031-01276-000	031-01276-000	031-01276-000
*	9	Sensor, Temperature (Ambient)	025-32701-000	025-32701-000	025-32701-000	025-32701-000
*	10	Sensor, Temperature (Discharge)	031-01278-000	031-01278-000	031-01278-000	031-01278-000
	11					
	12					
3	13	Blade, Fan	026-31361-000	026-31361-000	026-31361-000	026-32632-000
3	14	Ring, Inlet	032-00183-000	032-00183-000	032-00183-000	032-00183-000
3	15	Accumulator	026-31681-004	026-31681-004	026-31681-004	026-25573-002
3	16	Coil, Condenser	373-18156-001	373-22251-001	373-22251-001	373-11439-002
3	17	Core, Valve	022-02475-000	022-02475-000	022-02475-000	022-02475-000
3	18	Distributor	022-08948-008	025-35353-003	025-38242-000	022-08948-001
		(Includes the following orifice)	029-19387-011	029-19387-004	029-19387-016	029-19387-041
3	19	Valve, Liquid	022-08949-000	022-08949-000	022-08949-000	022-08949-000
3	20	Valve, Reversing (with coil)	025-33307-001	025-33307-001	025-33307-001	025-35311-001
3	21	Valve, Suction	022-08963-000	022-08963-000	022-08963-000	022-08963-000
*	22	Filter, Drier	026-25512-000	026-25512-000	026-25512-000	026-25512-000
	23					
*	24	Coil, Solenoid (Ranco)	025-38948-000	025-38948-000	025-38948-000	025-38948-000
	25					
3	26	Cover, Electrical Box	073-21139-001	073-21139-001	073-21139-001	073-21139-001

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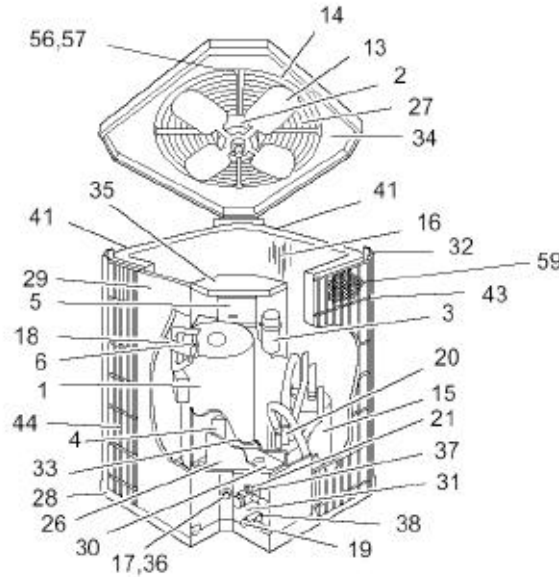


FIGURE 4 - HEAT PUMP- OUTDOOR UNIT

FIG	ITEM	DESCRIPTION	E4FH042S06A	E4FH048S06A	E5FH048S06A	E4FD060S06A
4	27	Guard, Fan	026-31698-004	026-31698-004	026-31698-004	026-31698-004
4	28	Pan, Base	073-21126-001	073-21126-001	073-21126-001	073-21126-001
4	29	Panel, Access	073-21141-001	073-21141-001	073-21141-001	073-21141-001
4	30	Panel, Bottom (Electrical Box)	063-94133-000	063-94133-000	063-94133-000	063-94133-000
4	31	Panel, Connection	073-21128-002	073-21128-002	073-21128-002	073-21128-002
4	32	Panel, Corner (3 Req'd)	073-21134-001	073-21134-001	073-21134-001	073-21134-001
4	33	Panel, Electric Box	073-17670-000	073-17670-000	073-17670-000	073-17670-000
4	34	Panel, Top	073-21125-001	073-21125-001	073-21125-001	073-21125-001
4	35	Panel, Top (Electrical Box)	063-92845-000	063-92845-000	063-92845-000	063-92845-000
4	36	Cap, Flare	023-10745-000	023-10745-000	023-10745-000	023-10745-000
4	37	Clip, Retaining (Suction)	021-17429-000	021-17429-000	021-17429-000	021-17429-000
4	38	Clip, Retaining (Liquid)	021-17438-000	021-17438-000	021-17438-000	021-17438-000
4	39	Guard, Coil	---	---	---	---
4	40	Guard, Coil	---	---	---	---
4	41	Guard, Coil (2 Req'd) (28 x 27)	026-35568-000	026-35568-000	026-35568-000	026-35568-000
4	42	Guard, Coil (2 Req'd)	---	---	---	---
4	43	Guard, Coil (28 x 21)	026-35569-000	026-35569-000	026-35569-000	026-35569-000
4	44	Guard, Coil (28 x 7)	026-35570-000	026-35570-000	026-35570-000	026-35570-000
	45					
*	46	Hubcap	026-35577-000	026-35577-000	026-35577-000	026-35577-000
*	47	Isolator, Accumulator	028-03468-000	028-03468-000	028-03468-000	028-03468-000
*	48	Isolator, Compressor (4 Req'd)	028-10581-000	028-10505-000	028-10505-000	028-10505-000
*	49	Kit, Housing and Terminal	363-91353-000	363-91353-000	363-91353-000	363-91353-000
*	50	Kit, Motor Mounting	363-90117-000	363-90117-000	363-90117-000	363-90117-000
*	51	Isolator, Unit (4 Req'd)	028-12264-000	028-12264-000	028-12264-000	028-12264-000
*	52	Reducer, 90 Degree	---	---	---	073-16751-000
*	53	Diagram, Wiring	035-14467-000	035-14467-000	035-14467-000	035-14467-000
*	54	Indoor Orifice, Refrigerant (See Note 1)	---	---	---	---
*	55	Blanket, Compressor	010-06234-000	010-06243-000	010-06242-000	010-06243-000
4	56	Conduit, Electric	028-13368-000	028-13368-000	028-13368-000	028-13368-000
4	57	Clamp, Loop	021-17302-000	021-17302-000	021-17302-000	021-17302-000
*	58	Post, Support	073-05731-000	073-05731-000	073-05731-000	073-05731-000
4	59	Coil Guard, Plastic Mesh	028-14801-000	028-14801-000	028-14801-000	028-14801-000
*	60	Fastener, Push-in (6 Req'd)	021-18381-000	021-18381-000	021-18381-000	021-18381-000

NOTE: *Not Shown

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--- Not applicable to specified model.

1 Refer to Tech Guide for proper selection of Orifice.

Field Installed Accessories - Non-Electrical		
Part Number	Description	Used On
1TV0701	Bolt on TXV Kit	018, 024, 030
1TV0702	Bolt on TXV Kit	036, 042
1TV0703	Bolt on TXV Kit	048, 060

Field Installed Accessories - Electrical		
Part Number	Description	Used On
2AC02700801	Fossil Fuel Add-on Panel- Must be used with all Fossil Fuel/HP installations.	All Models
2LA06700224	Low Ambient Kit	All Models
2LT06700224	Low Temperature Cutout	All Models
2WT11700224	Control Wire (1000 ft.)- Ten#19 Cond.	All Models
2PS06700324	Refrigerant Safety Kit	All Models, Hi-Low Kit
2WT11702224	Thermostat, Manual	All Models
2TH11702424	Thermostat, Autochangeover	All Models
2ET11700224	Thermostat, Programmable Electronic	All Models
2SV06700224	Solenoid Valve (Heat Pumps Only)	All Models
2TD06700124	Thermostat, Outdoor	All Models

NOTES

NOTES

TO ORDER AUTHORIZED FACTORY REPLACEMENT PARTS - Contact your Source1 HVAC Parts Distributor or visit our website at www.Source1Parts.com for a Distributor and Dealer listing.

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035-16483-001 Rev. G (1004)
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