Rheem RA16AY Air Conditioner Replacement Parts List

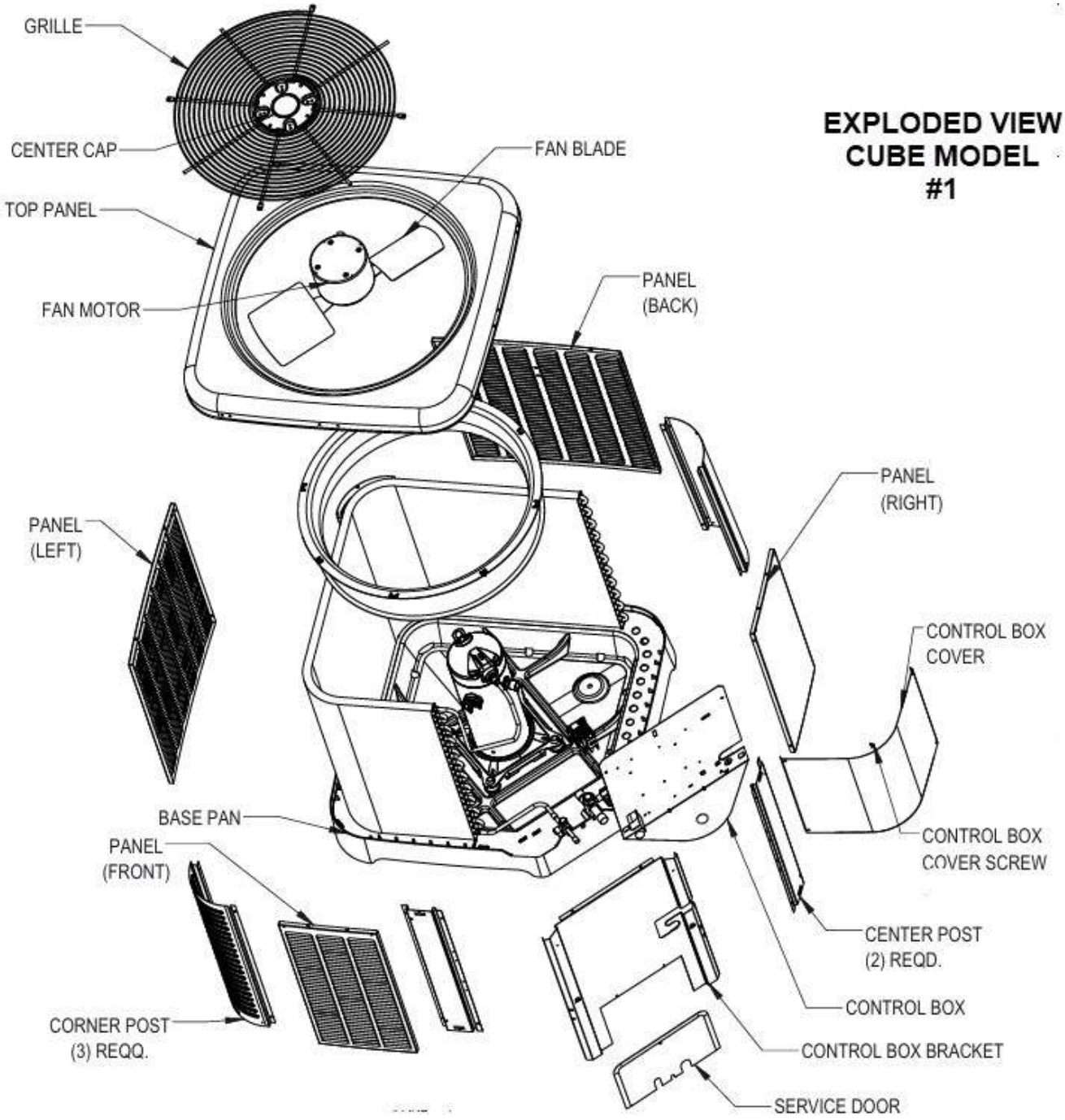
Parts list RP-RHM-RA16AY | Updated Nov 2026 | 105 parts | 12 model numbers

Genuine Rheem OEM part numbers for the models listed below, compiled from Rheem Manufacturing's service parts catalog. Quantities are per unit. Where Rheem has replaced a part number, the current number is shown under Replaced By. Always confirm the full model and serial number of the unit before ordering.

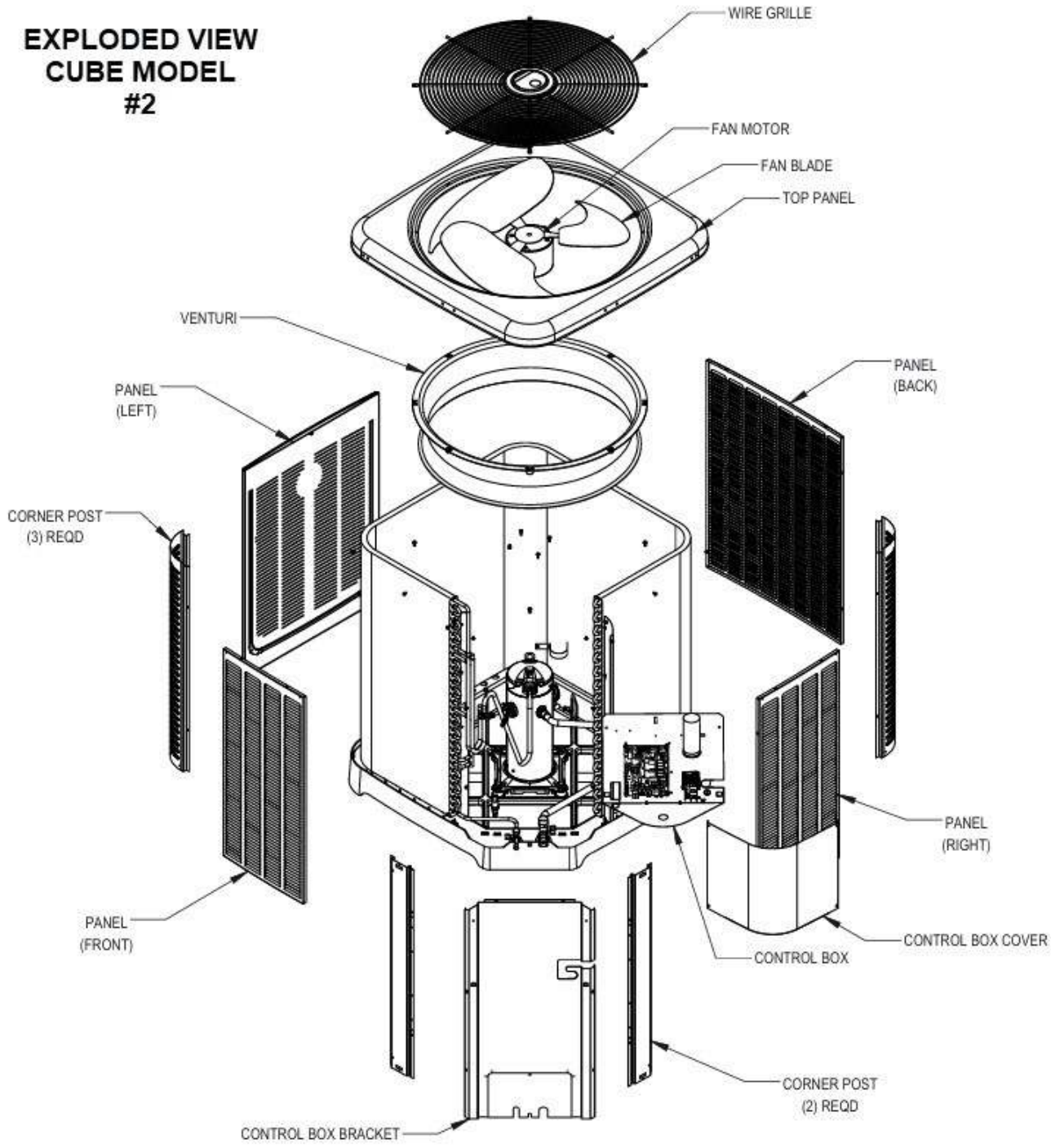
Models covered

RA16AY24A, RA16AY24AJ2NA, RA16AY24AJ2NARHC, RA16AY36A, RA16AY36AJ2NA, RA16AY36AJ2NARHC, RA16AY48A, RA16AY48AJ2NA, RA16AY48AJ2NARHC, RA16AY60A, RA16AY60AJ2NA, RA16AY60AJ2NARHC

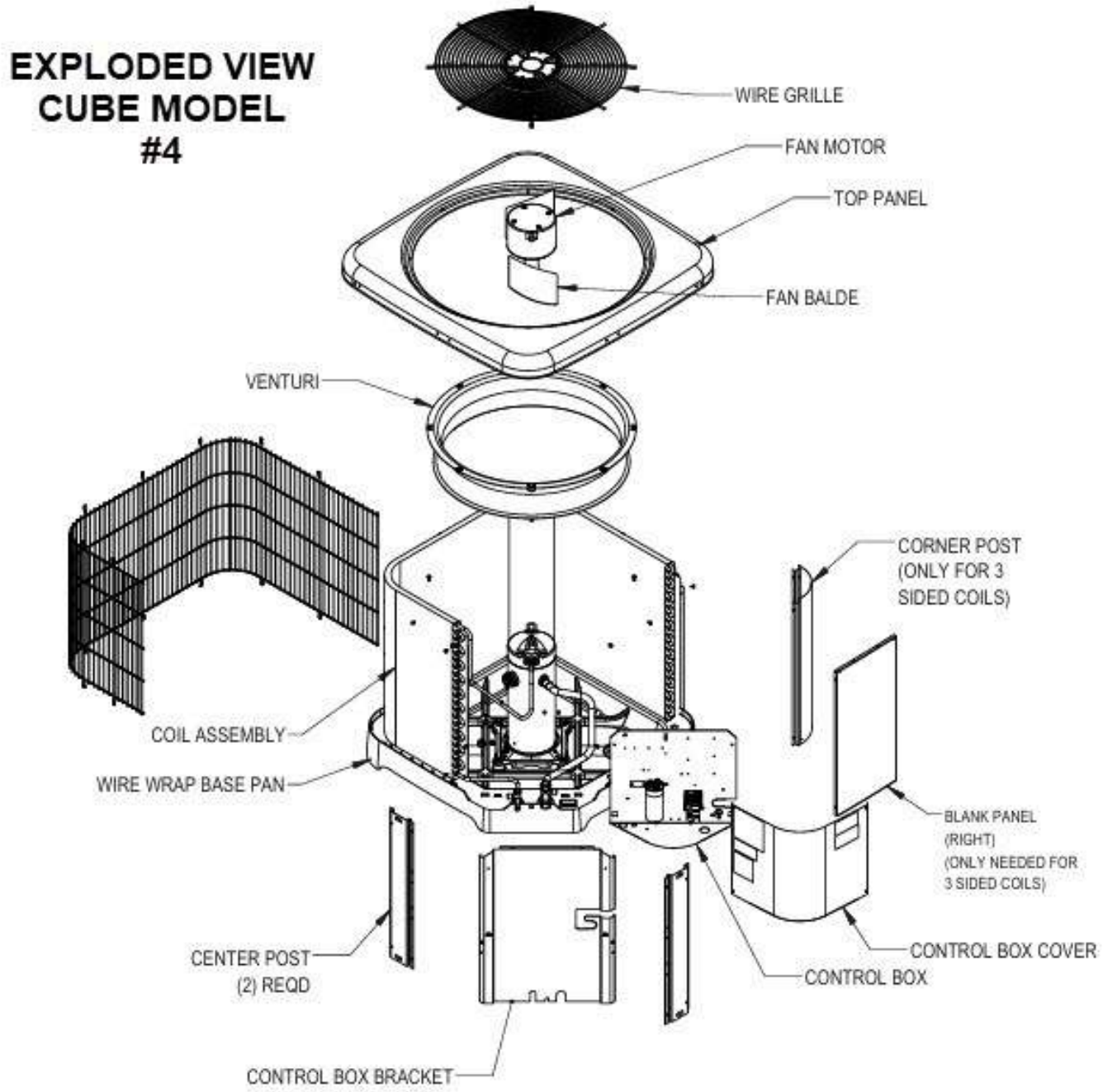
RA16AY parts breakdown: EXPLODED VIEW-RA16AY



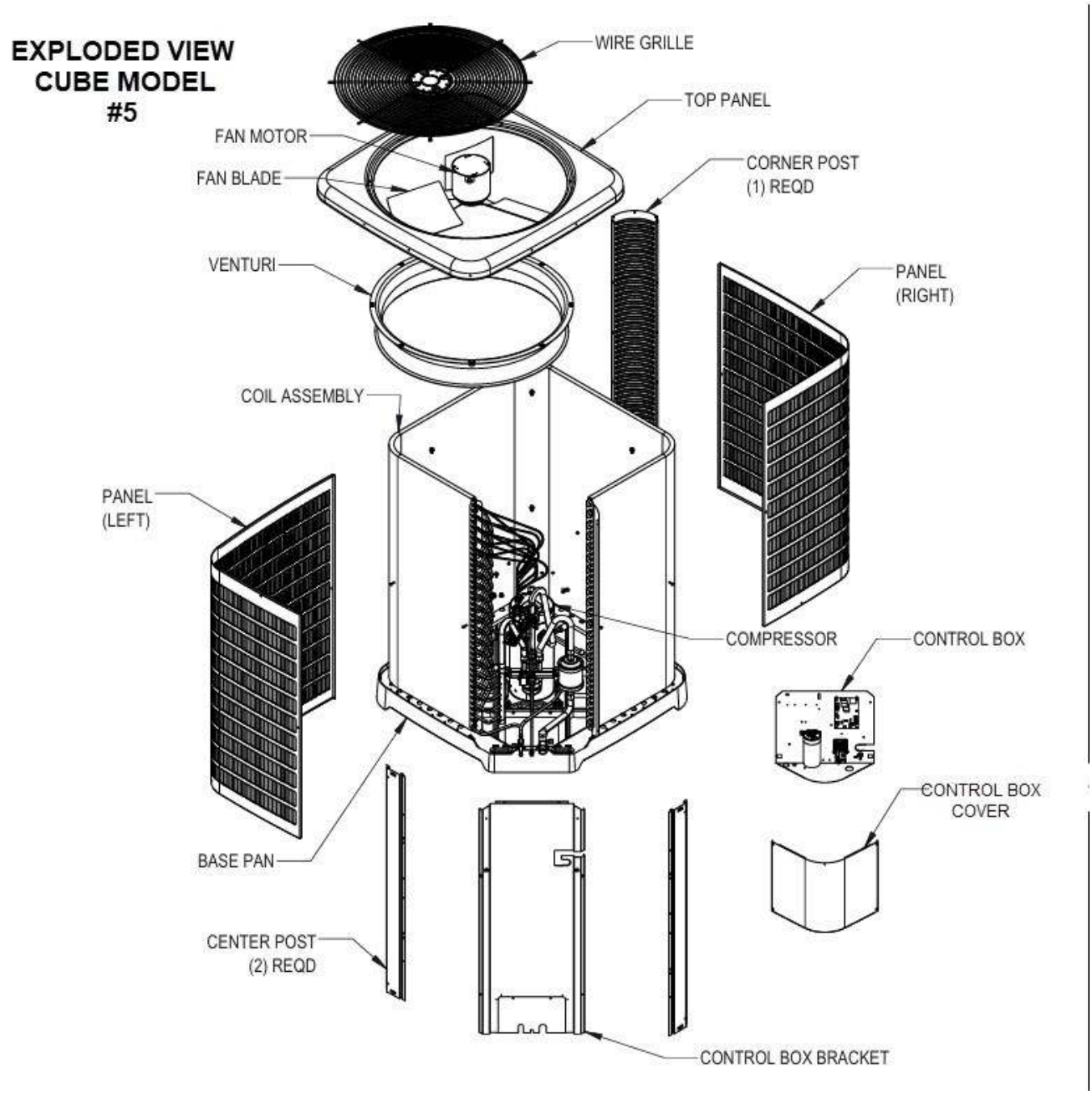
RA16AY parts breakdown: EXPLODED VIEW OPTION 2-SURECOMFORT



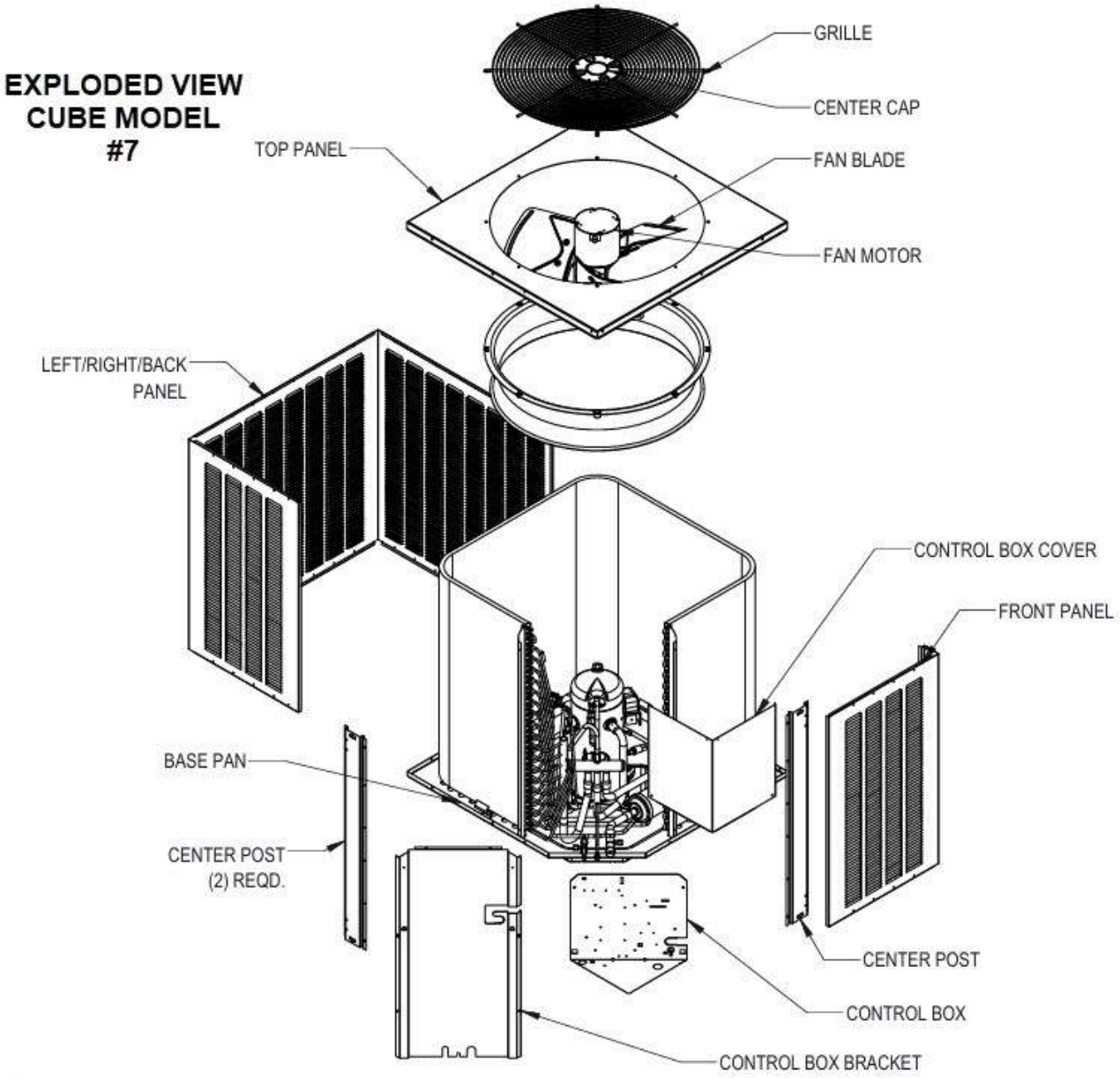
RA16AY parts breakdown: EXPLODED VIEW-WIRE WRAP



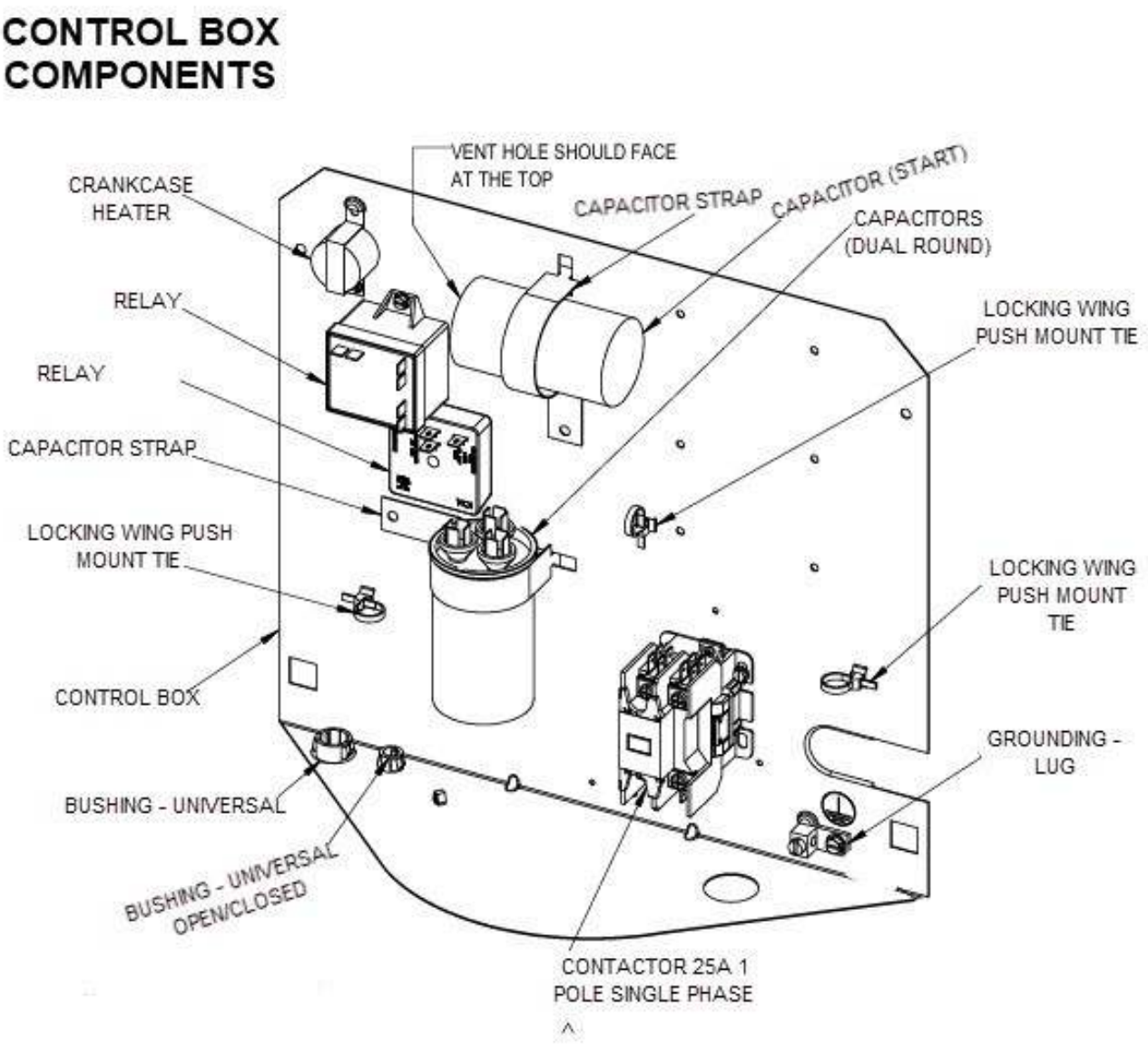
RA16AY parts breakdown: EXPLODED VIEW -THERMAL ZONE



RA16AY parts breakdown: EXPLODED VIEW WEATHERKING



RA16AY parts breakdown: CONTROL BOX COMPONENTS



Compressor

Part No.	Description	Qty	Replaced By	Fits Models
55-107225-236	Compressor	1		RA16AY24AJ2NA (incl. variants)
55-107225-238	Compressor	1		RA16AY36AJ2NA (incl. variants)
55-109517-61	Compressor	1		RA16AY60AJ2NA (incl. variants)
55-107225-243	Compressor - LG	1		RA16AY48AJ2NA (incl. variants)
63-20072-07	Compressor Bolt	1		All models
45-107231-02K	Compressor Plug Assembly Kit - LG	1		RA16AY24AJ2NA, RA16AY36AJ2NA, RA16AY48AJ2NA (incl. variants)
45-101723-07K	Copeland Molded Plug Kit - Low Voltage (Two-Stage Solenoid) Includes Rectifier	1		RA16AY60AJ2NA (incl. variants)
45-100834-80	Copeland Molded Plug Wiring Harness	1		RA16AY60AJ2NA (incl. variants)
44-103663-16	Crankcase Heater	1		RA16AY60AJ2NA (incl. variants)
56-18518-06	Mounting Grommet - Compressor	1		All models

Motors & fans

Part No.	Description	Qty	Replaced By	Fits Models
51-102008-20	Condenser Motor - 1/6 hp 208-230/1/50-60 (825 rpm/1 speed)	1		RA16AY24AJ2NA (incl. variants)
70-101323-65	Fan Blade	1		RA16AY36AJ2NA (incl. variants)
70-109210-04	Fan Blade	1		RA16AY60AJ2NA (incl. variants)
70-101323-63	Fan Blade - 2 Blade 24 in. D 24 Degrees Pitch	1		RA16AY24AJ2NA (incl. variants)
70-109087-06	Fan Blade - 24 inch. - 28 Pitch	1		RA16AY48AJ2NA (incl. variants)
51-108708-06	Motor - Broad Ocean 1/5 hp Direct Drive	1		RA16AY48AJ2NA, RA16AY60AJ2NA (incl. variants)
51-108708-03	Motor - Broad Ocean 1/6 hp Direct Drive	1		RA16AY36AJ2NA (incl. variants)

Electrical

Part No.	Description	Qty	Replaced By	Fits Models
43-101665-06	Capacitor - 35/5/440 Dual Round	1		RA16AY24AJ2NA, RA16AY48AJ2NA (incl. variants)
43-25133-14	Capacitor - 40/5/440 Dual Round	1		RA16AY36AJ2NA (incl. variants)
43-101665-18	Capacitor - 55/5/440 Dual Round	1		RA16AY60AJ2NA (incl. variants)
42-109499-05K	Contactor 25A XMC0-251 1P 1PH A2L	1		RA16AY24AJ2NA, RA16AY36AJ2NA (incl. variants)
42-109499-10K	Contactor 40A XMC0-401 1P 1PH A2L	1		RA16AY48AJ2NA, RA16AY60AJ2NA (incl. variants)
45-19000-01	Ground Lug	1		All models

Valves & switches

Part No.	Description	Qty	Replaced By	Fits Models
47-102290-01K	High Pressure Limit Kit - Auto Reset	1		All models
47-103670-08	Low Pressure Limit - Auto Reset	1		All models
83-CD3608-6PK	Service Valve - Copper Tube (Premium)	1		All models
PD619106	Service Valve Kit	1		RA16AY48AJ2NA, RA16AY60AJ2NA (incl. variants)
PD619104	Service Valve Kit - Liquid Line	1		All models
PD619105	Service Valve Kit - Suction Line	1		RA16AY24AJ2NA, RA16AY36AJ2NA (incl. variants)
61-18551-01	Valve Core	1		All models

Coil & refrigeration

Part No.	Description	Qty	Replaced By	Fits Models
AS-108798-03	Condenser Coil	1		RA16AY48AJ2NA (incl. variants)
AS-108804-03	Condenser Coil	1		RA16AY36AJ2NA (incl. variants)
AS-109873-03	Condenser Coil	1		RA16AY60AJ2NA (incl. variants)
83-17467-02	Distributor	1		RA16AY36AJ2NA, RA16AY48AJ2NA (incl. variants)
83-17467-35	Distributor	1		RA16AY60AJ2NA (incl. variants)
AS-108638-04	Distributor Assembly	1		RA16AY60AJ2NA (incl. variants)
AS-108638-03	Distributor Assembly - 7mm To 3/8	1		RA16AY36AJ2NA, RA16AY48AJ2NA (incl. variants)

Part No.	Description	Qty	Replaced By	Fits Models
83-25151-41	PROTECH Liquid Line Filter Drier (Uni-directional)	1		All models

Cabinet & hardware

Part No.	Description	Qty	Replaced By	Fits Models
83-100635-04	Access Valve Cap	1		All models
AE-104456-19	Back Panel	1		RA16AY24AJ2NA (incl. variants)
AS-104456-23H	Back Panel	1		RA16AY36AJ2NA (incl. variants)
AS-104456-26H	Back Panel	1		RA16AY48AJ2NA (incl. variants)
AS-104456-47H	Back Panel	1		RA16AY60AJ2NA (incl. variants)
68-104457-02	Base Pan	1		RA16AY24AJ2NA, RA16AY36AJ2NA, RA16AY48AJ2NA (incl. variants)
68-104457-03	Base Pan	1		RA16AY60AJ2NA (incl. variants)
AE-104460-01	Bracket - Control Box	1		RA16AY24AJ2NA (incl. variants)
AE-104460-03	Bracket - Control Box	1		RA16AY36AJ2NA (incl. variants)
AE-104460-04	Bracket - Control Box	1		RA16AY48AJ2NA (incl. variants)
AE-104460-06	Bracket - Control Box	1		RA16AY60AJ2NA (incl. variants)
64-101148-06	Cable Tie - Double Loop, 7.6"	1		All models
AE-104562-01	Capacitor Strap	1		All models
91-105471-01	Center Cap Nameplate - Blank	1		All models
AS-104459-01H	Center Post	1		RA16AY24AJ2NA (incl. variants)
AS-104459-07H	Center Post	1		RA16AY48AJ2NA (incl. variants)
AS-104459-11H	Center Post	1		RA16AY60AJ2NA (incl. variants)
AE-104542-10	Coil Air Stop - Left (26 Tubes)	1		RA16AY24AJ2NA (incl. variants)
AE-104543-10	Coil Air Stop - Right (26 Tubes)	1		RA16AY24AJ2NA (incl. variants)
AS-108466-03	Condenser Coil	1		RA16AY24AJ2NA (incl. variants)
AE-104461-05	Control Box	1		All models
AS-104460-01H	Control Box Bracket	1		RA16AY24AJ2NA (incl. variants)
AS-104460-03H	Control Box Bracket	1		RA16AY36AJ2NA (incl. variants)
AS-104460-04H	Control Box Bracket	1		RA16AY48AJ2NA (incl. variants)
AS-104460-06H	Control Box Bracket	1		RA16AY60AJ2NA (incl. variants)
AS-104462-01H	Control Box Cover	1		All models
AS-104469-01H	Corner Post	1		RA16AY24AJ2NA (incl. variants)
AS-104469-03H	Corner Post	1		RA16AY36AJ2NA (incl. variants)
AS-104469-04H	Corner Post	1		RA16AY48AJ2NA (incl. variants)
AS-104469-06H	Corner Post	1		RA16AY60AJ2NA (incl. variants)
AE-104462-01	Cover - Control Box	1		All models
68-100930-11	Flexible Conduit - 12.207 in.	1		RA16AY60AJ2NA (incl. variants)
AS-104456-25H	Front Panel	1		RA16AY48AJ2NA (incl. variants)
AE-104456-18	Front/Right Panel	1		RA16AY24AJ2NA (incl. variants)
AS-104456-22H	Front/Right Panel	1		RA16AY36AJ2NA (incl. variants)
AS-104456-46H	Front/Right Panel	1		RA16AY60AJ2NA (incl. variants)
63-111146-01	Hardware - Fastener - Screw - Hex Head	1		RA16AY48AJ2NA, RA16AY60AJ2NA (incl. variants)
AE-104456-20	Left Panel	1		RA16AY24AJ2NA (incl. variants)
AS-104456-24H	Left Panel	1		RA16AY36AJ2NA (incl. variants)
AS-104456-41H	Left Panel	1		RA16AY48AJ2NA (incl. variants)
AS-104456-57H	Left Panel	1		RA16AY60AJ2NA (incl. variants)
64-25340-02	Locking Wing Push Mount Tie	1		All models
AS-104459-19H	Panel - Center Post - Short Cover	1		RA16AY36AJ2NA (incl. variants)
AS-105215-12H	Panel Assembly	1		RA16AY48AJ2NA (incl. variants)
AS-105215-21H	Panel Assembly	1		RA16AY60AJ2NA (incl. variants)
AS-105215-27	Panel Assembly	1		RA16AY24AJ2NA (incl. variants)
AS-105215-09H	Panel Assembly Painted	1		RA16AY36AJ2NA (incl. variants)
AS-105215-27H	Panel Assembly Painted	1		RA16AY24AJ2NA (incl. variants)

Part No.	Description	Qty	Replaced By	Fits Models
63-23206-01	Screw	1		All models
AS-104525-01H	Service Door	1		All models
PD637241	Sheet Metal Screw - 63-105098-05 - 8-18 x 3/8 in. (Pack of 50)	1/4/5		All models
PD637249	Sheet Metal Screw - 63-105098-11 - 8-18 X 3/4 in. (Pack of 50)	1/2		All models
63-24368-01	Sheet Metal Screw, 8-18 x 1/4 in.	1		All models
45-103252-02	Snap-In Bushing - Conductor Protection	1		All models
45-18515-01	Snap-In Bushing - Conductor Protection	1		All models
82-17063-11	Tapered Plug	1		RA16AY24AJ2NA, RA16AY36AJ2NA (incl. variants)
82-17063-01	Tapered Polyethylene Plug	1		All models
63-100404-06	Thread-Forming Screw (black), 10-32 x 7/16 in.	1		All models
63-22487-01	Thread-Forming Screw, 10-32 x 1/2 in.	1		All models
63-100404-02	Thread-Forming Screw, 12-24 x 7/16 in.	1		All models
AS-104458-02H	Top Panel	1		RA16AY24AJ2NA, RA16AY36AJ2NA, RA16AY48AJ2NA (incl. variants)
AS-104458-03H	Top Panel	1		RA16AY60AJ2NA (incl. variants)
68-104464-04	Venturi	1		RA16AY24AJ2NA, RA16AY36AJ2NA, RA16AY48AJ2NA (incl. variants)
68-104464-07	Venturi	1		RA16AY60AJ2NA (incl. variants)
64-17606-01	Wire & Cable Tie - Nylon Black - 8 in.	1		All models
95-104620-02	Wire Grille	1		RA16AY24AJ2NA, RA16AY36AJ2NA, RA16AY48AJ2NA (incl. variants)
95-104620-03	Wire Grille	1		RA16AY60AJ2NA (incl. variants)