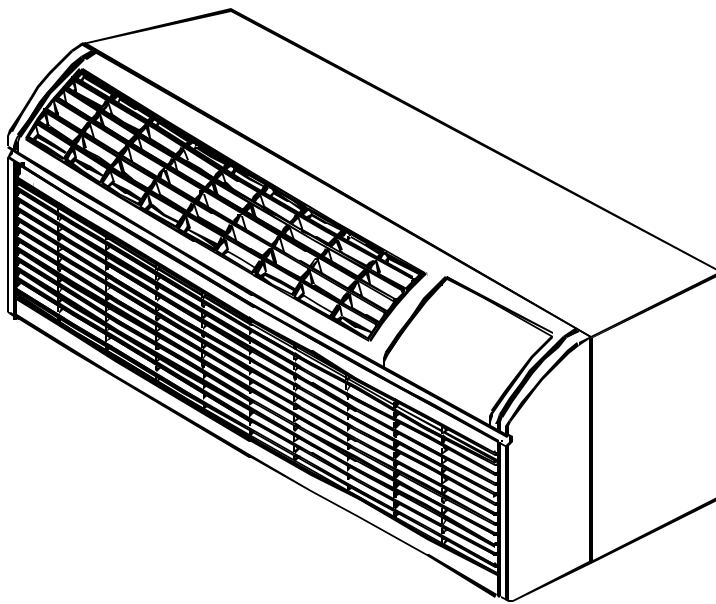


Models and manufacturing
numbers in this manual

NTE07A35C3B	P1232731R
NTE09A35C3B	P1232734R
NTE12A35A4A	P1232722R
NTE12A35C3B	P1232737R
NTE15A35C3B	P1232741R
NTE15A50A4A	P1232728R

Parts

Package Terminal Air Conditioner



This manual is to be used by qualified appliance technicians only. Amana does not assume any responsibility for property damage or personal injury for improper service procedures performed by an unqualified person.



RP4210027
Revision 1
February 2002

Important Information

Amana is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Amana also recommends contacting an authorized technician and using authorized factory parts.

For assistance within the U.S.A. contact:

Consumer Affairs Department
Amana Heating and Air Conditioning
1810 Wilson Parkway
Fayetteville, TN 37334
877-254-4729-Telephone
931-438-2922-Facsimile

For assistance outside the U.S.A. contact:

International Division
Amana Heating and Air Conditioning
1810 Wilson Parkway
Fayetteville, TN 37334
931-438-3632-Telephone
931-438-2922-Facsimile

Index

Functional Parts List 5

Illustration and Parts 6 - 19

Views shown are for parts illustrations only, not servicing procedures.

Text Codes:

- AR - As Required
- NA - Not Available
- NS - Not Shown
- 00000000 - See Note
- QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)
- M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model and Color Nomenclature:

Example	
M1 - Model#1	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

Functional Parts

Part

No: Description:

D6789051	CAPACITOR (M3)
D6789025	CAPACITOR-METAL (M6)
D6789049	CAPACITOR-POLY (M4)
D6789060	CAPACITOR-ROUND (M5)
D6789054	CAPACITOR-ROUND (M1, M2)
D6926116	COMP 2K21S3R236A-7A (M4)
D6926117	COMP-PN 2K21S3R276A (M6)
D6985807	COMP-PN 2P17S3R236A (M3)
D6985810	COMP-PN 2P17S3R276A (M5)
D6887709	COMP-PN 2R10S3R236A (M1)
D6887711	COMP-PN 2R13S3R236A (M2)
20007503	CONDENSER ASSY (M2, M3, M4, M5, M6)
20007702	CONDENSER ASSY (M1)
11114501	CORD-250V 20A (M1, M2, M3, M4)
11114801	CORD-277V 30A (M6)
11114701	CORD-277V-20A (M5)
20284901	DRYER-FILTER (M1)
20284904	DRYER-FILTER (M3, M5)
20284906	DRYER-FILTER (M4, M6)
20284902	DRYER-FILTER (M2)
11165803	EVAPARATOR ASSY (M1)
11165603	EVAPORATOR ASSY (M3, M4, M5, M6)
11165703	EVAPORATOR ASSY (M2)
20252003	HTR 3 3.5KW ASSY (M1, M2, M3, M4)
20252008	HTR 4 3.7KW ASSY (M5)
20252010	HTR 4 5.0KW ASSY (M6)
20295602	PC BOARD
11045802	SCROLL-BLOWER
20295701	THERMISTOR
20295702	THERMISTOR
11044101	WHEEL-BLOWER

SPECIAL PARTS

11113305	MANUAL-OWNERS
RP4210027	PARTS MANUAL
RS4200003	SERVICE MANUAL
20286101	WARRANTY

Expanded Model and Color Nomenclature

M1 - NTE07A35C3B	P1232731R
M2 - NTE09A35C3B	P1232734R
M3 - NTE12A35C3B	P1232737R
M4 - NTE15A35C3B	P1232741R
M5 - NTE12A35A4A	P1232722R
M6 - NTE15A50A4A	P1232728R

Front/Chassis

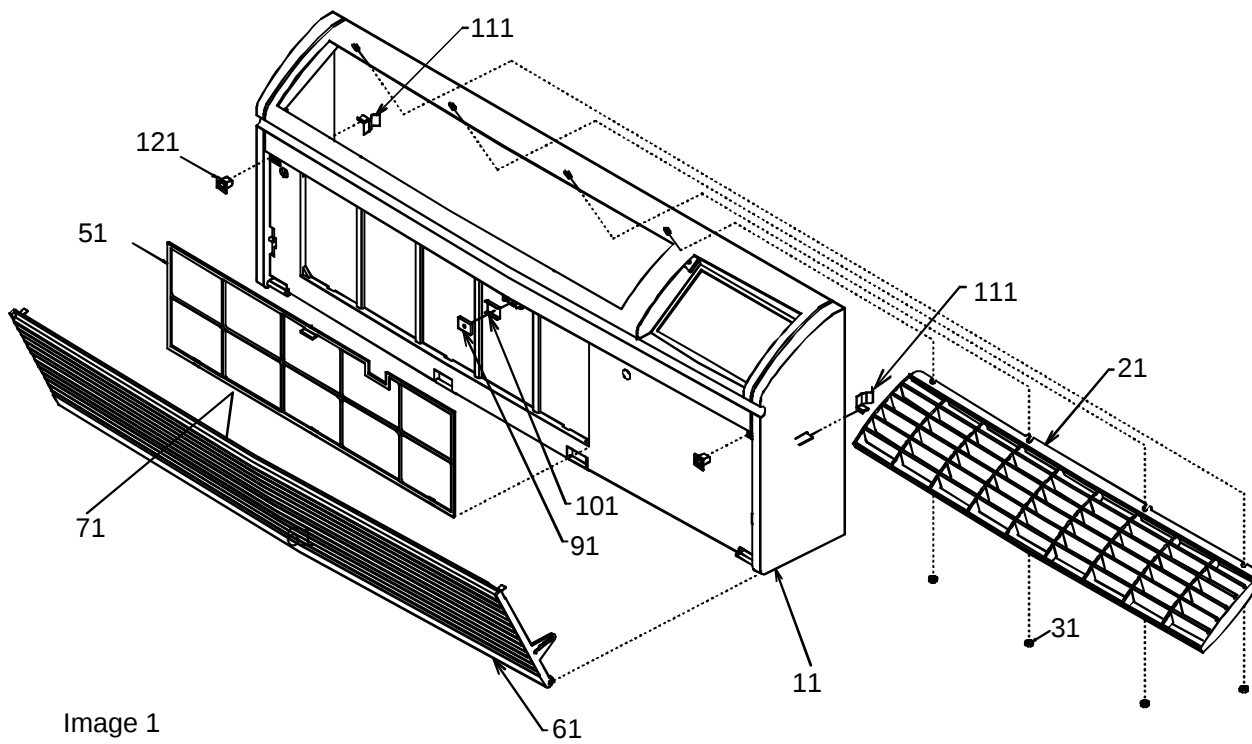
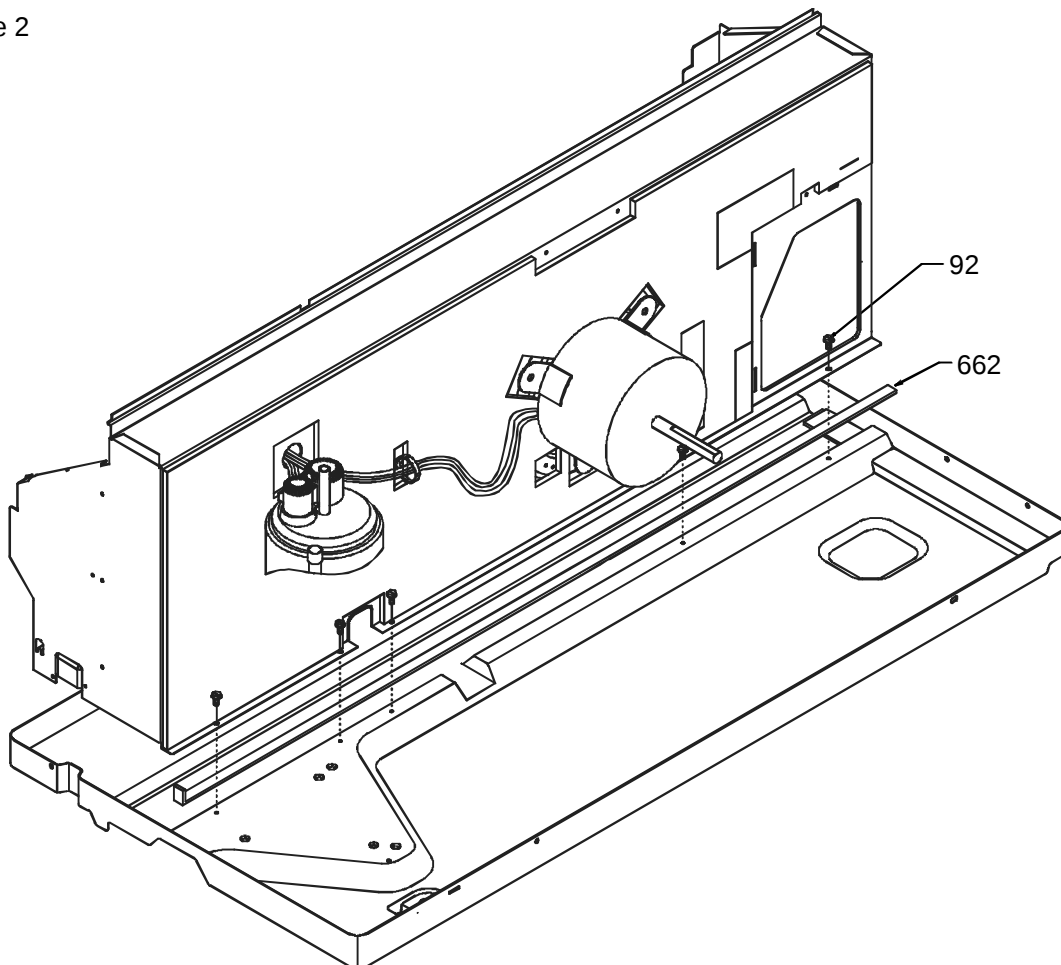


Image 1

Image 2



Front/Chassis

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

Image 1:

11	11042701A	FRONT
21	11167401	GRILLE-DISCHARGE
31	M0293604	PALNUT (QTY 4)
51	11045201	FILTER
61	20282501	GRILLE ASSY
71	11047101	STRIKE
91	11047301	MAGNET
101	11047201	HOLDER-MAGNET
111	11045102	CLIP-SIDE (QTY 2)
121	10690002	DOOR CATCH ASSY (QTY 2)

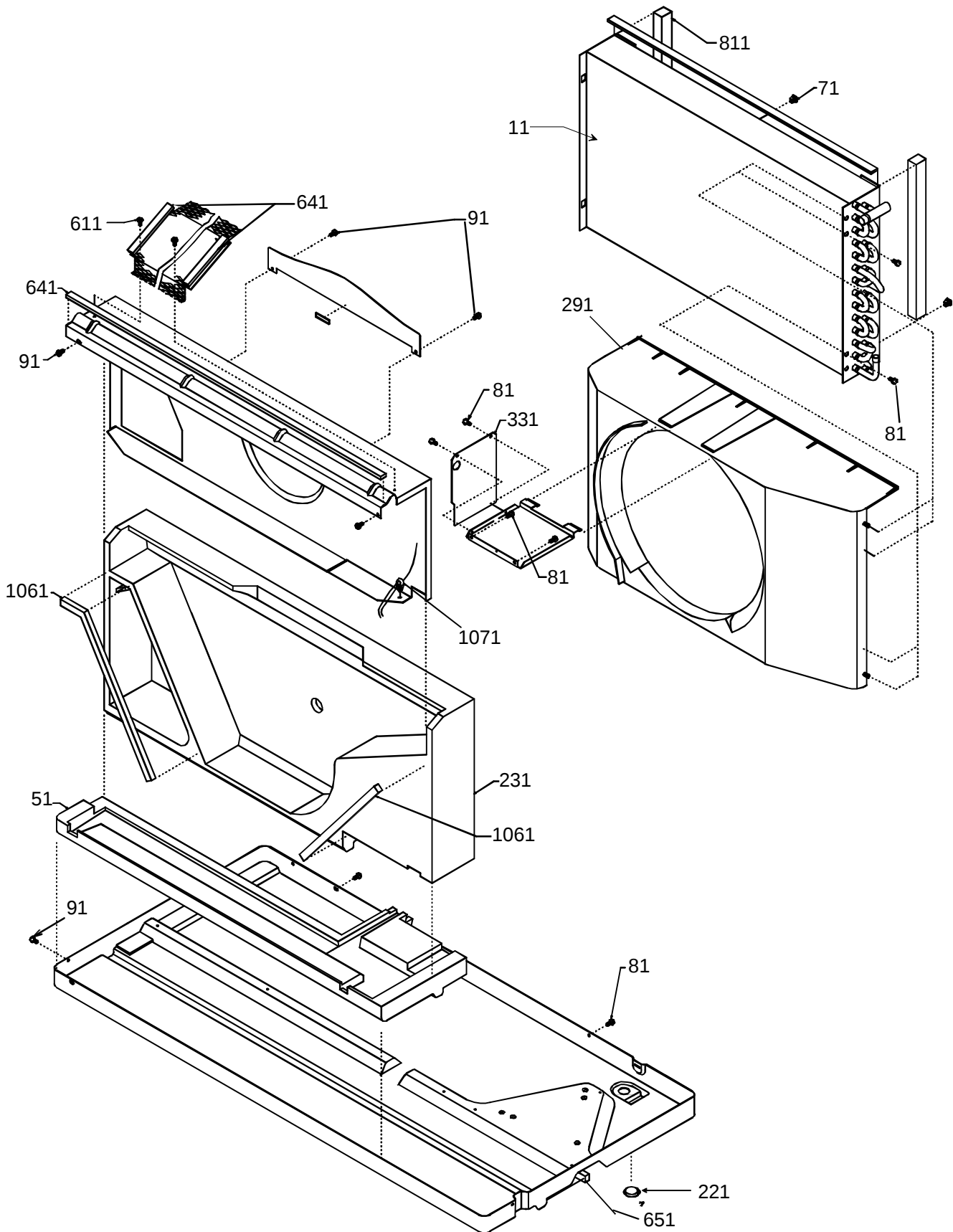
Image 2:

92	M0216716	SCREW (QTY AR)
662	10839803	GASKET-.12X.50 (M5, M6)
662	10839823	GASKET-.12X.50X41 (M1, M2, M3, M4)

Expanded Model and Color Nomenclature

M1 - NTE07A35C3B	P1232731R
M2 - NTE09A35C3B	P1232734R
M3 - NTE12A35C3B	P1232737R
M4 - NTE15A35C3B	P1232741R
M5 - NTE12A35A4A	P1232722R
M6 - NTE15A50A4A	P1232728R

Chassis



Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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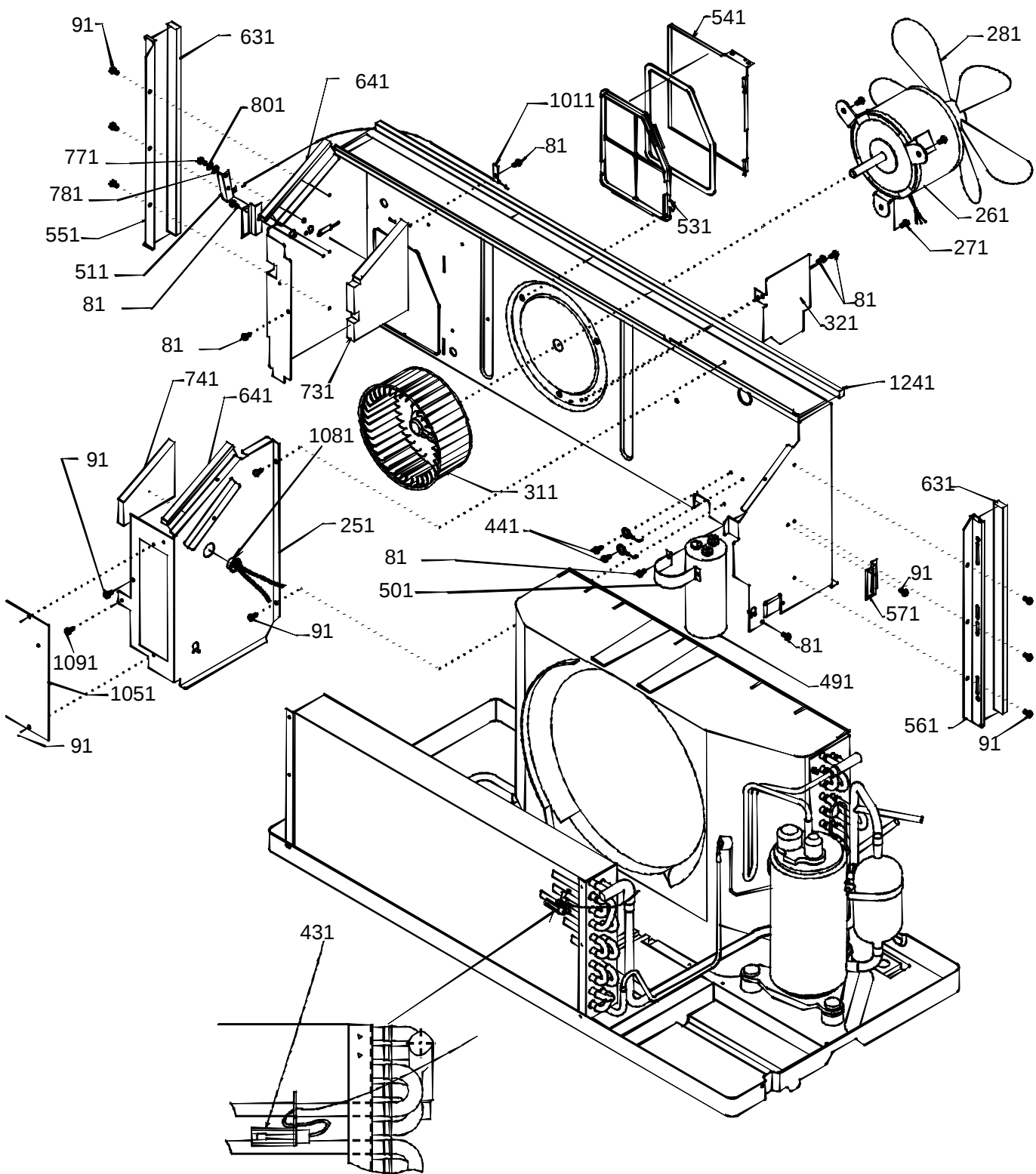
Image 1:

11	20007503	CONDENSER ASSY (M2, M3, M4, M5, M6)
11	20007702	CONDENSER ASSY (M1)
51	11044702	PAD-EVAP
71	A3315701	GROMMET (QTY 4)
81	M0211216	SCREW (QTY AR)
91	M0216716	SCREW (QTY AR)
221	A3080003	PLUG-BUTTON
231	11045802	SCROLL-BLOWER
291	11167301	SHROUD-COND
331	11046502	BAFFLE-PNT TOP (M1, M2, M3, M4)
331	11046501	BAFFLE-TOP (M5, M6)
611	M0204517	SCREW-SM STL ZINC (QTY 2)
641	10839705	GASKET .50X.25 (QTY AR)
651	10839808	GASKET-.37X.50 (QTY AR)
811	10839712	GASKET .62X.75 (QTY AR)
1061	10839706	GASKET .50X.50 (QTY AR)
1071	M0120801	CLIP-GUIDE

Expanded Model and Color Nomenclature

M1 - NTE07A35C3B	P1232731R
M2 - NTE09A35C3B	P1232734R
M3 - NTE12A35C3B	P1232737R
M4 - NTE15A35C3B	P1232741R
M5 - NTE12A35A4A	P1232722R
M6 - NTE15A50A4A	P1232728R

Chassis



Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
81	M0211216	SCREW (QTY AR)	
91	M0216716	SCREW (QTY AR)	
251	11167504	PANEL-MID PTN	
261	11114907	MOTOR-FAN (M1, M2)	
261	11114909	MOTOR-FAN (M3, M4)	
261	11114910	MOTOR-FAN (M5, M6)	
271	M0224956	SCREW-TAP R (QTY 3)	
281	20046501	FAN-PL. COND.	
311	11044101	WHEEL-BLOWER	
321	20245401	BAFFLE-COND INLT (M5, M6)	
321	20245402	BAFFLE-PNT COND (M1, M2, M3, M4)	
431	20075601	CLIP-T'STAT (QTY 2)	
441	M0227803	SCREW-TC (QTY 2)	
491	D6789051	CAPACITOR (M3)	
491	D6789025	CAPACITOR-METAL (M6)	
491	D6789049	CAPACITOR-POLY (M4)	
491	D6789054	CAPACITOR-ROUND (M1, M2)	
491	D6789060	CAPACITOR-ROUND (M5)	
501	C6300503	STRAP-CAP (M6)	
501	C6300502	STRAP-CAP CO (M1, M2, M3, M4, M5)	
511	11046302	LEVER ARM (M1, M2, M3, M4)	
531	20304002	SHIELD-PNT PROT	
541	20295302	DOOR-PNT IOP VNT (M1, M2, M3, M4)	
541	20295301	DOOR-VENT IOP (M5, M6)	
551	11044902	SEAL-L SIDE	
561	11044901	SEAL-R SIDE	
571	11191702	BRACKET-PTN PNL (QTY 2)	
631	10839807	GASKET-.37X.75 (QTY AR)	
641	10839705	GASKET .50X.25 (QTY AR)	
731	11122901	INSUL-LEFT	
741	11123001	INSUL-RIGHT	
771	M0220757	SCREW-SHLDR (M1, M2, M3, M4)	
781	M0273701	WASHER-SPRING (M1, M2, M3, M4)	
801	M0270529	WASHER-FLAT (M1, M2, M3, M4)	
1011	M0108103	CLAMP-TUBE (M1, M2, M3, M4)	
1051	11167602	COVER-ACCESS	
1081	A4554801	BUSHING-SNAP (M1, M2, M3, M4)	
1091	M0216529	SCREW-SM (QTY 4)	
1241	10839814	GASKET-.50X.50 (QTY AR)	
NS	11044202	TIE BRACE-PNT (M1, M2, M3, M4)	

Expanded Model and Color Nomenclature

M1 - NTE07A35C3B	P1232731R
M2 - NTE09A35C3B	P1232734R
M3 - NTE12A35C3B	P1232737R
M4 - NTE15A35C3B	P1232741R
M5 - NTE12A35A4A	P1232722R
M6 - NTE15A50A4A	P1232728R

Compressor/Tubing

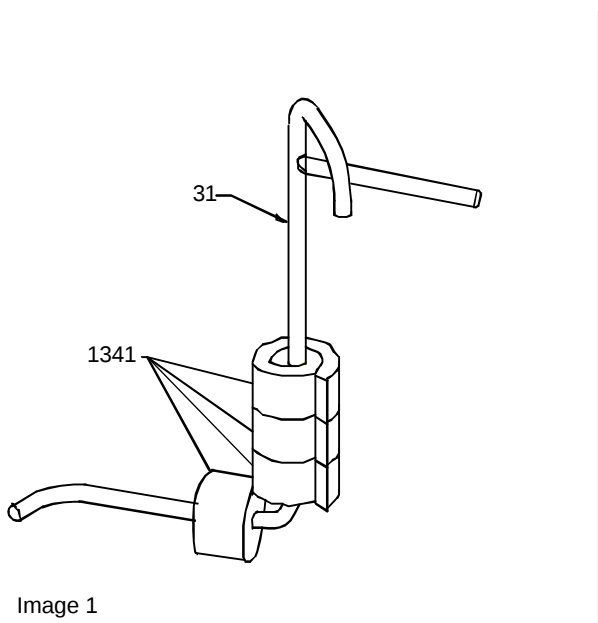
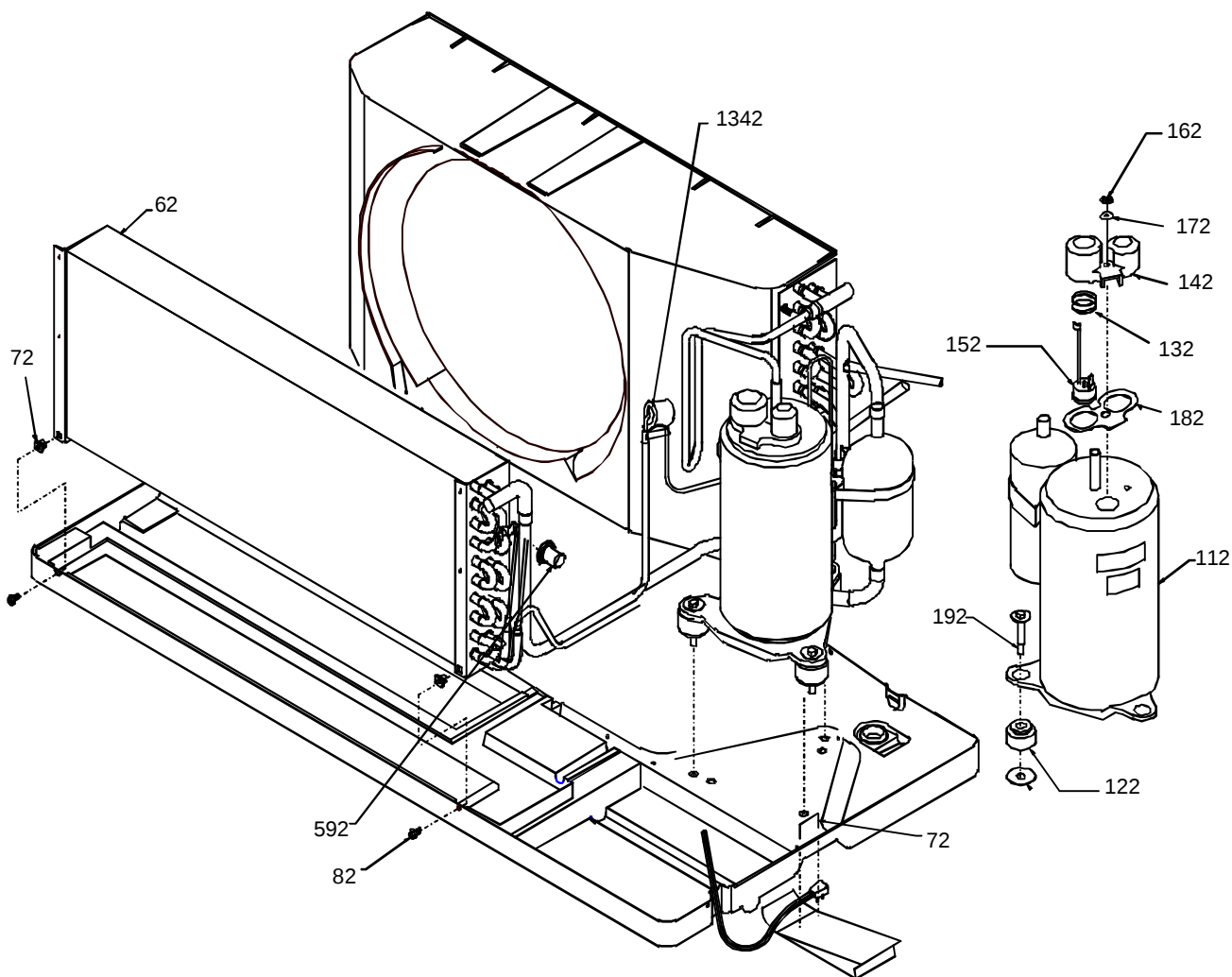


Image 2



Compressor/Tubing

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

31	11144501	TUBE WELD-SUCT (M3, M4, M5, M6)
31	11194401	TUBE WELD-SUCT (M1)
31	11194501	TUBE WELD-SUCT (M2)
1341	11154803	SEALER-RUBBER BASED (QTY AR)

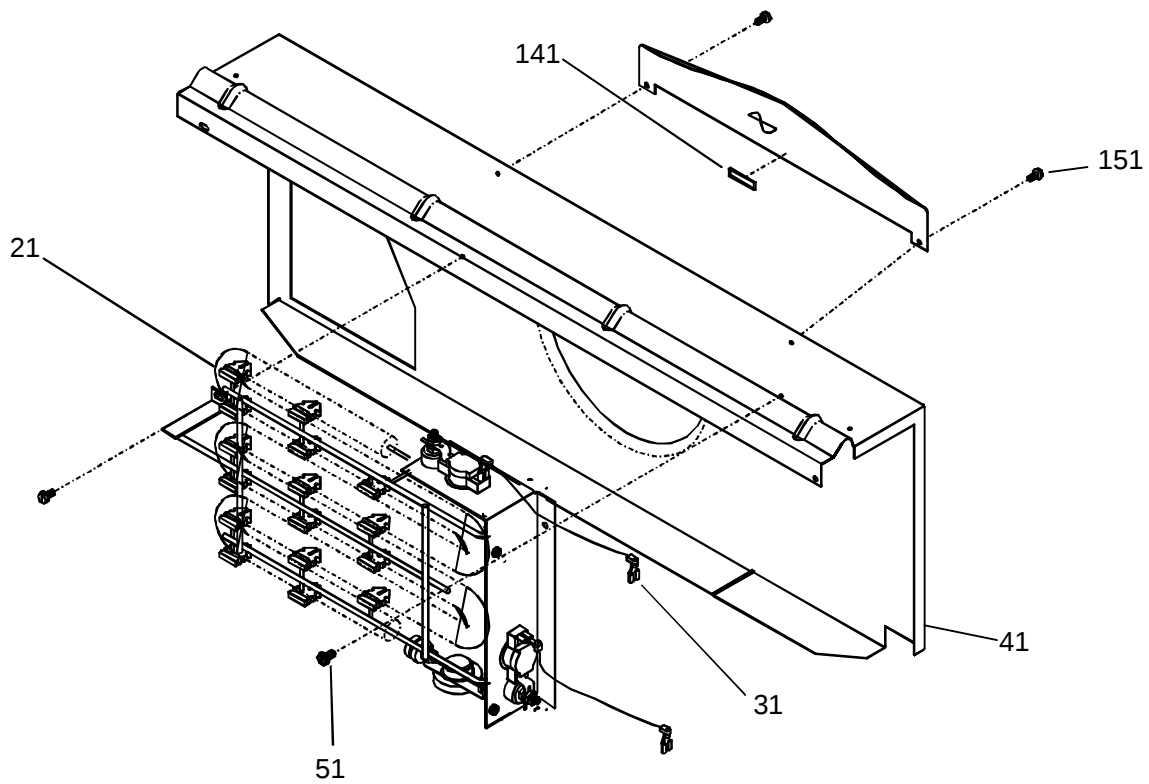
Image 2:

62	11165803	EVAPARATOR ASSY (M1)
62	11165603	EVAPORATOR ASSY (M3, M4, M5, M6)
62	11165703	EVAPORATOR ASSY (M2)
72	A3315701	GROMMET (QTY 4)
82	M0211216	SCREW (QTY AR)
112	D6926116	COMP 2K21S3R236A-7A (M4)
112	D6926117	COMP-PN 2K21S3R276A (M6)
112	D6985807	COMP-PN 2P17S3R236A (M3)
112	D6985810	COMP-PN 2P17S3R276A (M5)
112	D6887709	COMP-PN 2R10S3R236A (M1)
112	D6887711	COMP-PN 2R13S3R236A (M2)
122	A3448601	GROMMET (M3, M4, M5, M6)
122	A4622801	GROMMET (M1, M2)
132	A3436901	SPRING-OVERLOAD (M1, M2, M3, M4)
142	20120102	COVER-TERM (M1, M2, M3, M4)
142	20120103	COVER-TERM (M5, M6)
152	D6961607	OVERLOAD (M4)
152	D6961612	OVERLOAD (M3)
152	D6961636	OVERLOAD (M1)
152	D6961639	OVERLOAD (M2)
152	D6961643	OVERLOAD (M5)
152	D6961657	OVERLOAD (M6)
162	A3436601	NUT-TERM COVER
172	A3436801	GASKET-NUT
182	A3436701	GASKET-TERM COVER
192	M0253610	SCREW-SHLDR (M3, M4, M5, M6)
192	M0253661	SCREW-SHLDR (M1, M2)
592	20295702	THERMISTOR
1342	11154803	SEALER-RUBBER BASED (QTY AR)

Expanded Model and Color Nomenclature

M1 - NTE07A35C3B	P1232731R
M2 - NTE09A35C3B	P1232734R
M3 - NTE12A35C3B	P1232737R
M4 - NTE15A35C3B	P1232741R
M5 - NTE12A35A4A	P1232722R
M6 - NTE15A50A4A	P1232728R

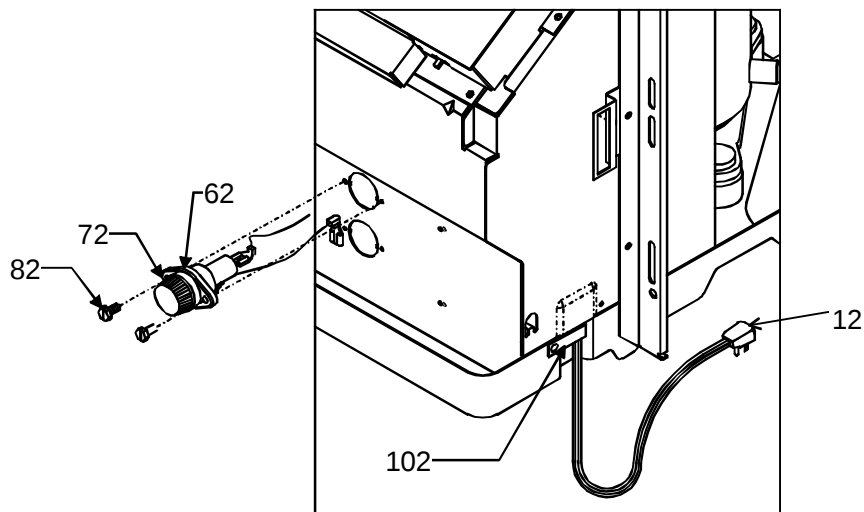
Heater



SINGLE STAGE HEAT

Image 1

Image 2



Heater

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

21	20252003	HTR 3 3.5KW ASSY (M1, M2, M3, M4)
21	20252008	HTR 4 3.7KW ASSY (M5)
21	20252010	HTR 4 5.0KW ASSY (M6)
31	20260805	WIRE-JUMPER BR34 (QTY AR)
41	11042510	BASEPAN-PNT (M5, M6)
41	11042511	BASEPAN-PNT (M1, M2, M3, M4)
51	M0216716	SCREW (QTY 2)
61	C6476002	HOLDER-BAYONET FUSE (M5)
61	C6476003	HOLDER-BAYONET FUSE* (M6)
71	A3410403	FUSE-20A (M5)
71	A3410404	FUSE-25 AMP (M6)
141	10839722	GASKET .25X.06
151	M0216716	SCREW (QTY 2)

Image 2:

12	11114501	CORD-250V 20A (M1, M2, M3, M4)
12	11114801	CORD-277V 30A (M6)
12	11114701	CORD-277V-20A (M5)
82	M0213817	SCREW-SM (M5, M6)
102	M0103906	CLAMP-SPEED

Expanded Model and Color Nomenclature

M1 - NTE07A35C3B	P1232731R
M2 - NTE09A35C3B	P1232734R
M3 - NTE12A35C3B	P1232737R
M4 - NTE15A35C3B	P1232741R
M5 - NTE12A35A4A	P1232722R
M6 - NTE15A50A4A	P1232728R

Control Panel

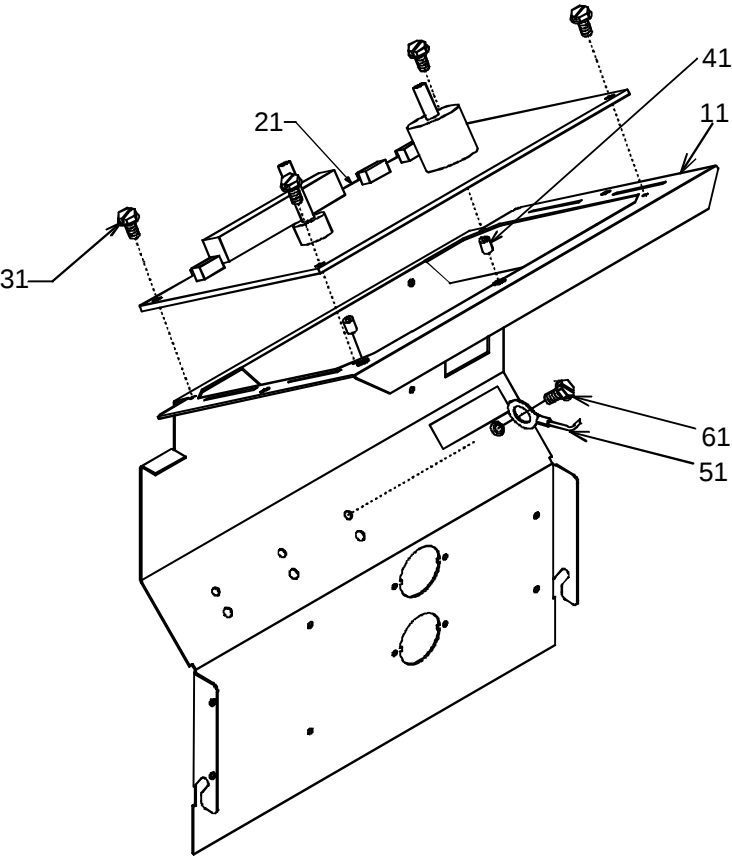
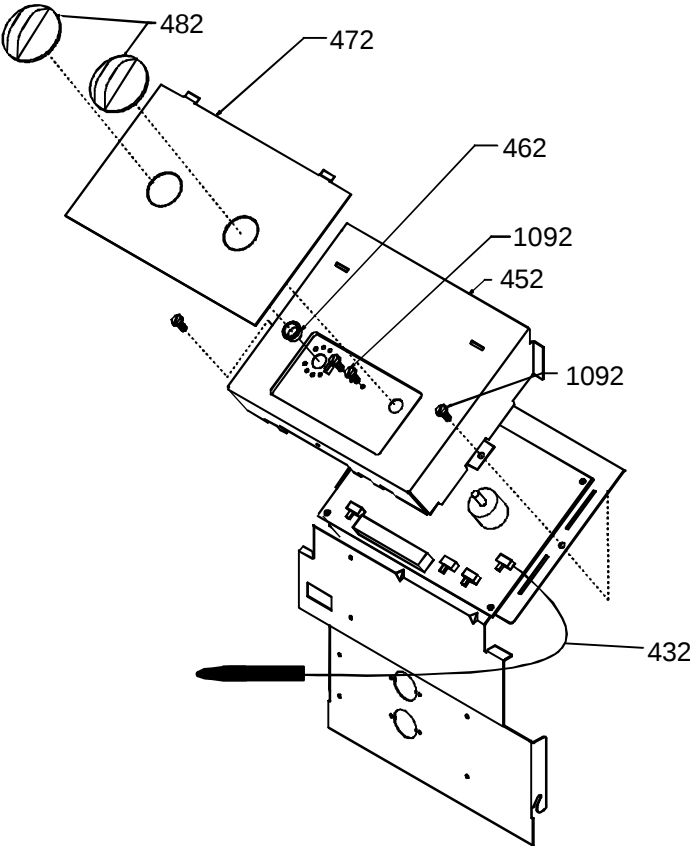


Image 1

Image 2



Control Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
----------------------	--------------	----------------------	--------------

Image 1:

11	11044504	PANEL-CONTROL
21	20295602	PC BOARD
31	M0216529	SCREW (QTY 4)
41	M0590702	SUPPORT (QTY 2)
51	10618849	WIRE-JUMPER GN1
61	M0227803	SCREW-TC (M1, M2, M3, M4)

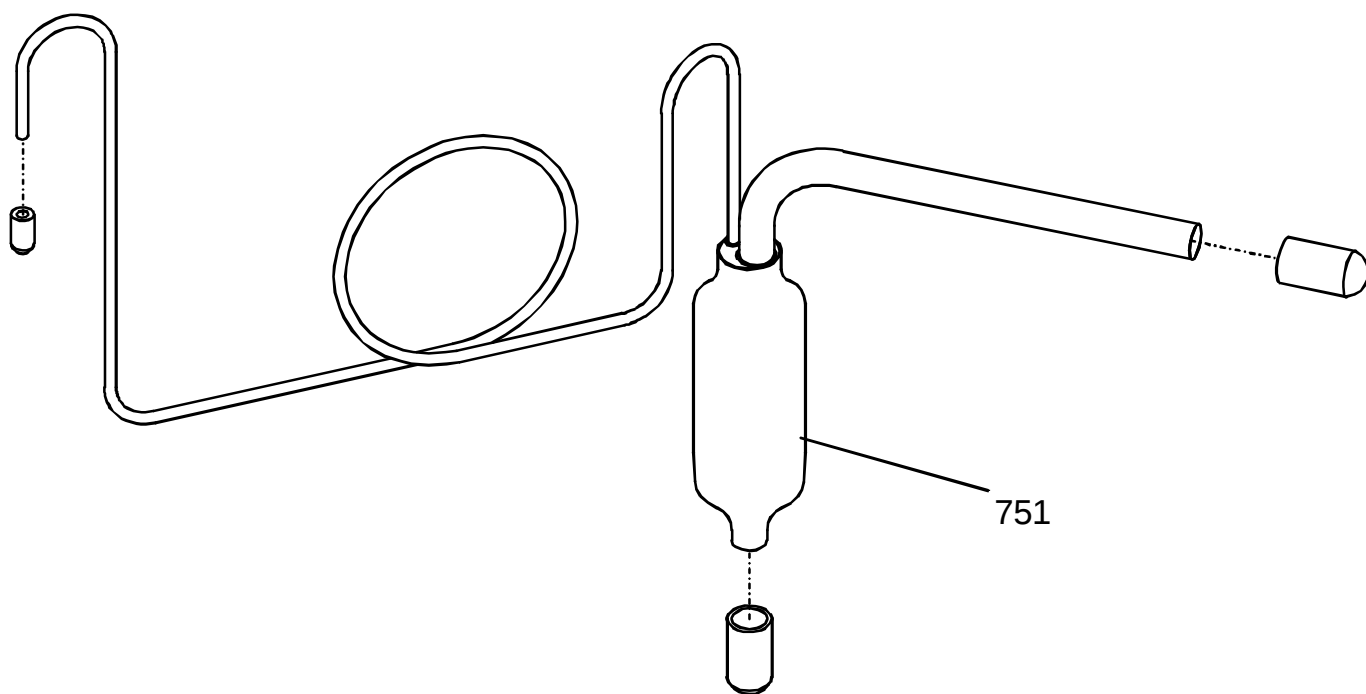
Image 2:

432	20295701	THERMISTOR
452	11044401	COVER-CONT PANEL (M5, M6)
452	11044403	COVER-CONT PNL (M1, M2, M3, M4)
462	M0117902	CLIP-TUBULAR
472	20005701	PLATE-ESC
482	11042902	KNOB-CONTROL (QTY 2)
1092	M0216529	SCREW (QTY 4)

Expanded Model and Color Nomenclature

M1 - NTE07A35C3B	P1232731R
M2 - NTE09A35C3B	P1232734R
M3 - NTE12A35C3B	P1232737R
M4 - NTE15A35C3B	P1232741R
M5 - NTE12A35A4A	P1232722R
M6 - NTE15A50A4A	P1232728R

Filter Dryer



Filter Dryer

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

Image 1:

751	20284901	DRYER-FILTER (M1)
751	20284902	DRYER-FILTER (M2)
751	20284904	DRYER-FILTER (M3, M5)
751	20284906	DRYER-FILTER (M4, M6)

Expanded Model and Color Nomenclature

M1 - NTE07A35C3B	P1232731R
M2 - NTE09A35C3B	P1232734R
M3 - NTE12A35C3B	P1232737R
M4 - NTE15A35C3B	P1232741R
M5 - NTE12A35A4A	P1232722R
M6 - NTE15A50A4A	P1232728R