

AC 648

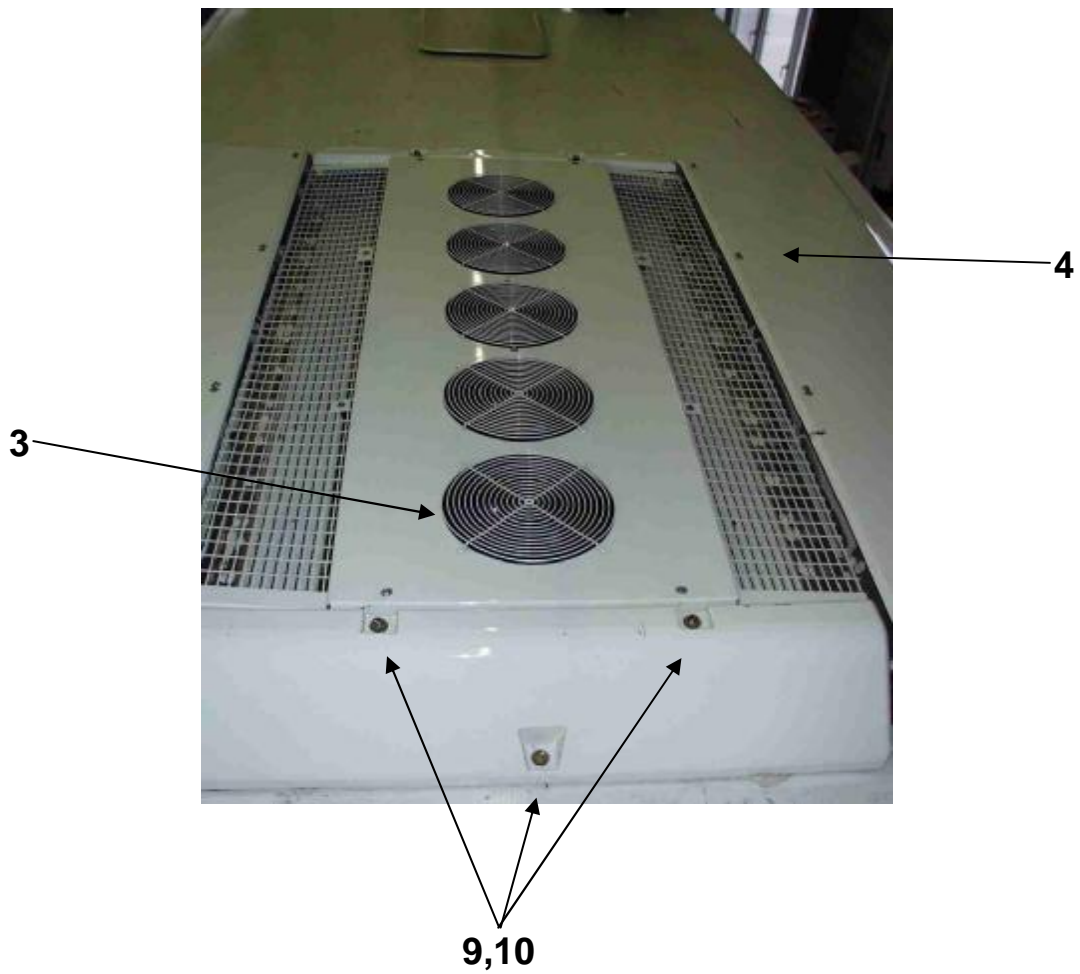
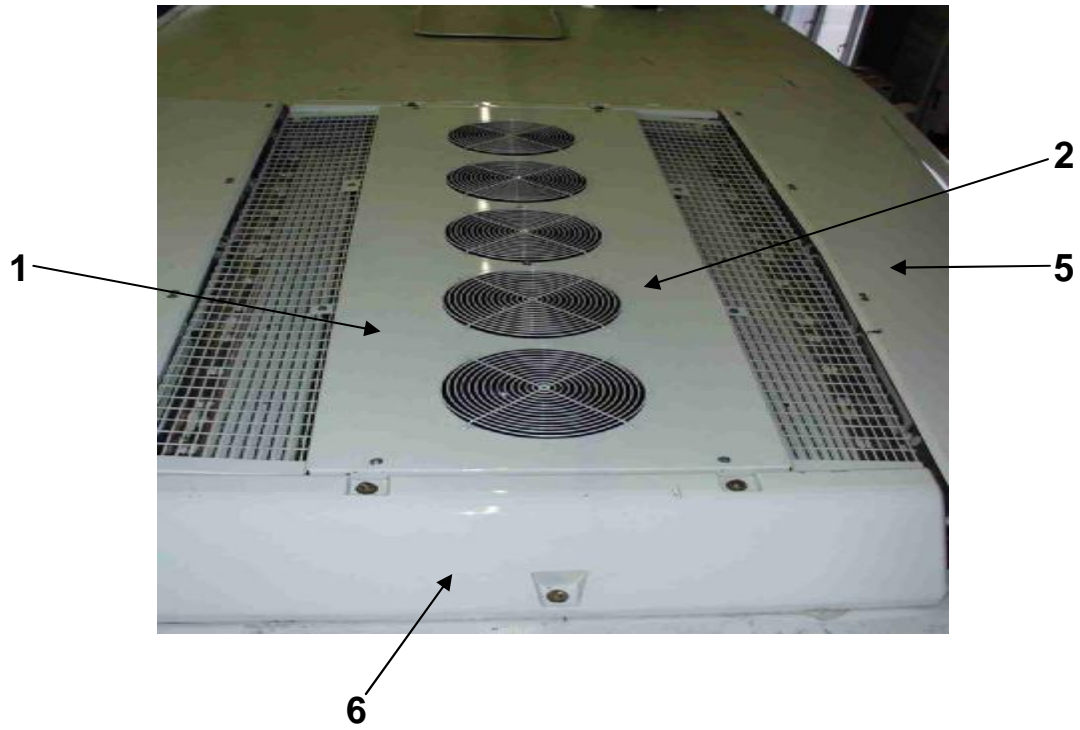
Ersatzteil Katalog
Spare Parts Manual
Catalogue Pièces de Rechange

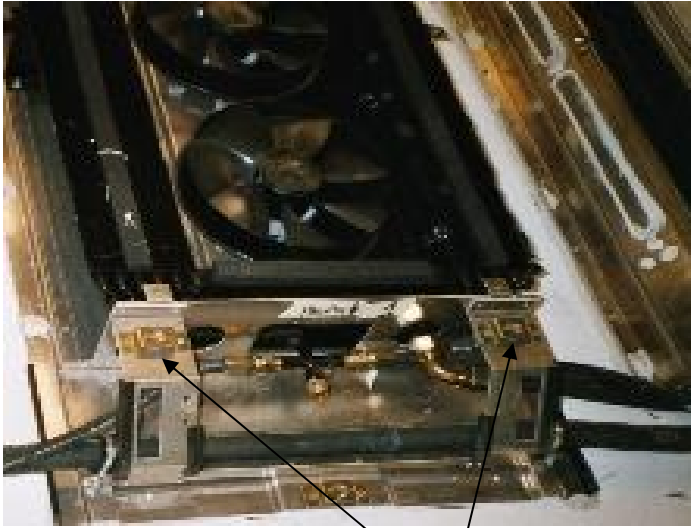


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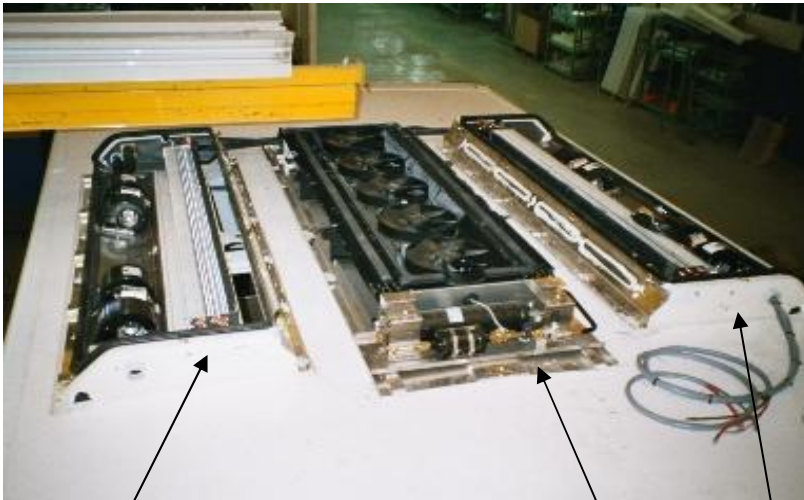
AC 648,24VDC,R134a	01,21,55,100
Kondensator, Einheit <i>Condenser, Unit</i> <i>Condenseur ,unité</i>	06,02,55,028
Kondensatordeckel <i>Condenser Cover</i> <i>Condenseur couvercle</i>	75,25,01,105
Verdampferdeckel links <i>Evaporator Cover left</i> <i>Evaporateur couvercle, gauche</i>	75,25,01,102
Verdampferdeckel rechts <i>Evaporator Cover righth</i> <i>Evaporateur couvercle, droite</i>	75,25,01,102
Verdampfer rechts <i>Evaporator left</i> <i>Evaporateur, droite</i>	05,02,57,522
Verdampfer links <i>Evaporator left</i> <i>Evaporateur, gauche</i>	05,02,57,022
Diesel Motor <i>Diesel Engine</i> <i>Moteur Diesel</i>	04,01,13,020
Kompressor <i>Compressor</i> <i>Compresseur</i>	
KM-Leitungen <i>KM-Lines</i> <i>KM-Ligne</i>	
Schaltplan AC <i>Wiring diagram</i> <i>Schémas électriques</i>	65,01,31,016-00-3
Schaltplan DA 39 <i>Wiring diagram DA 39</i> <i>Schemas électriques DA 39</i>	65,30,16,019-03-3







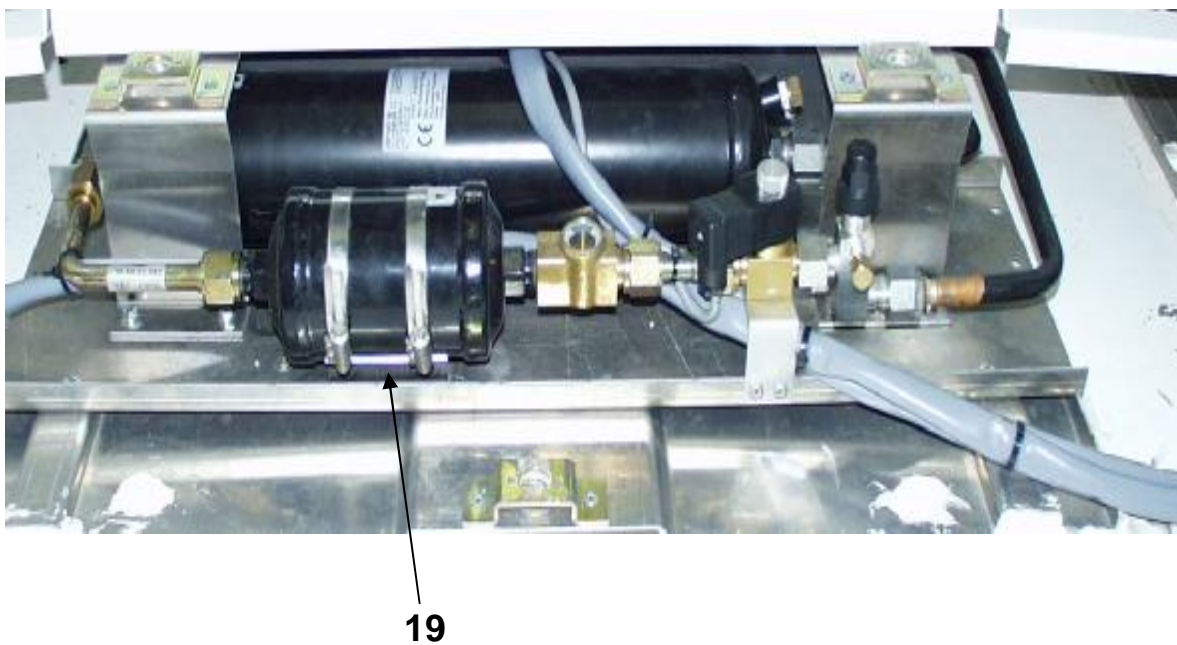
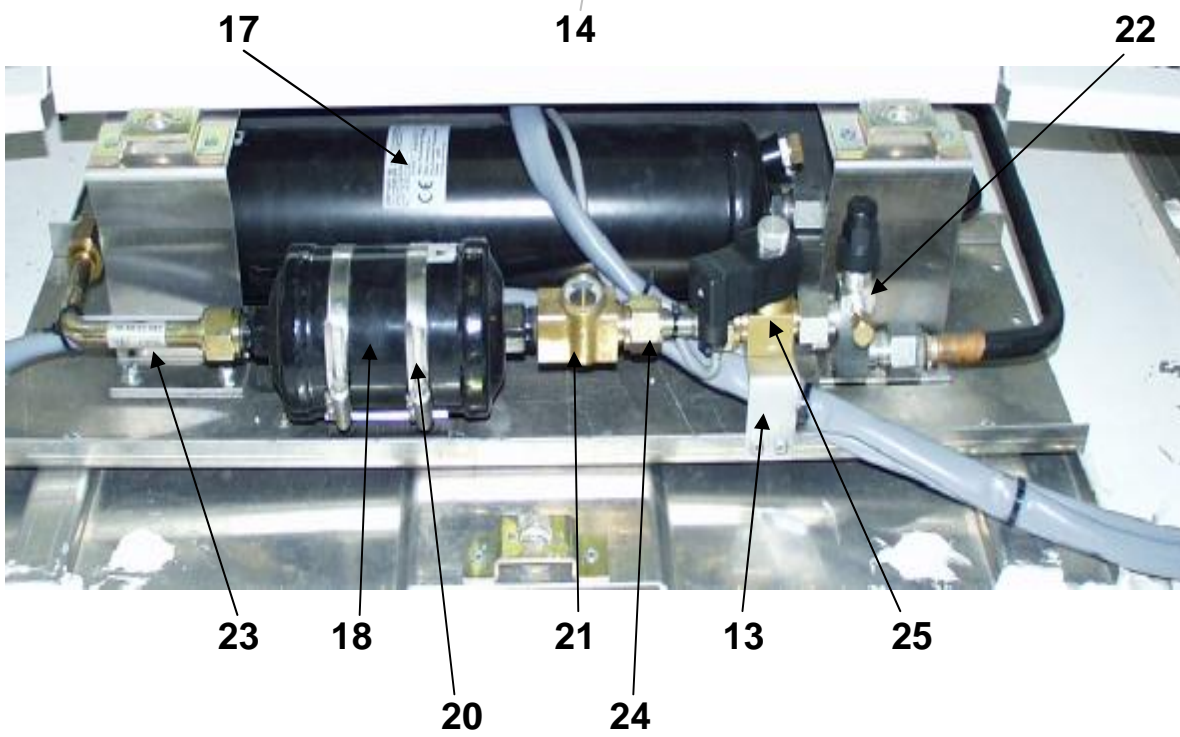
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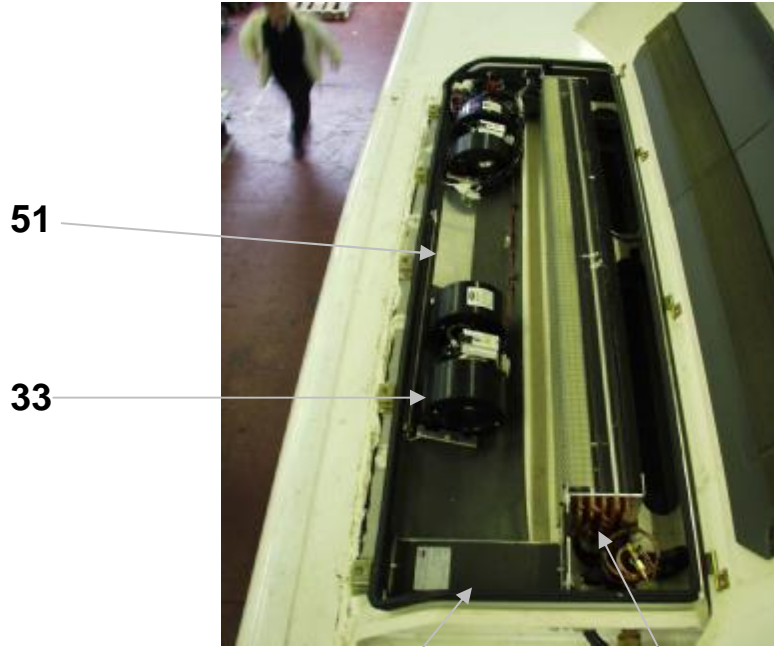


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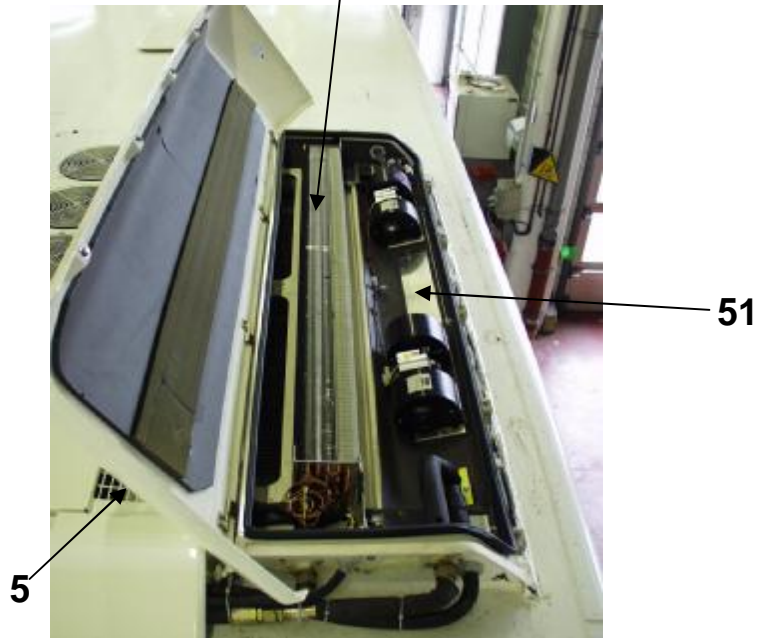
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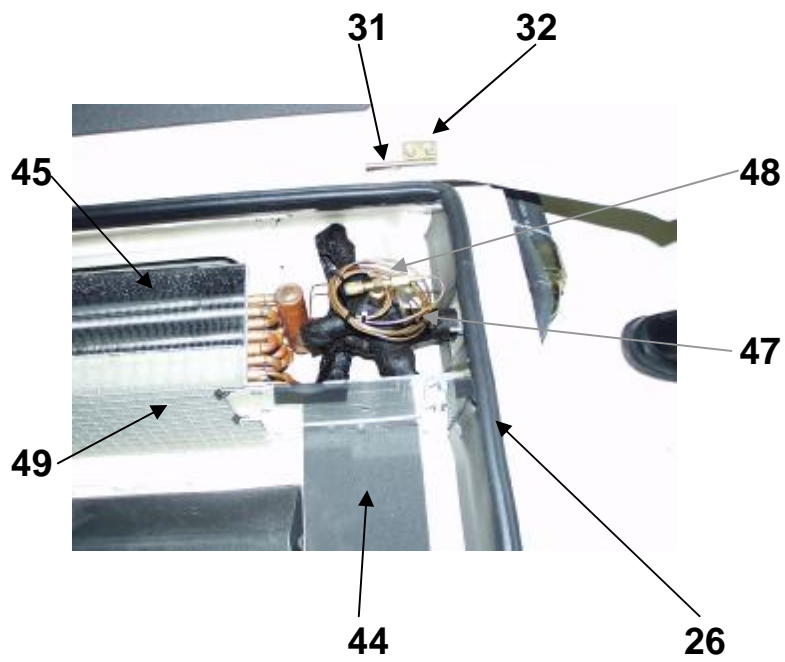
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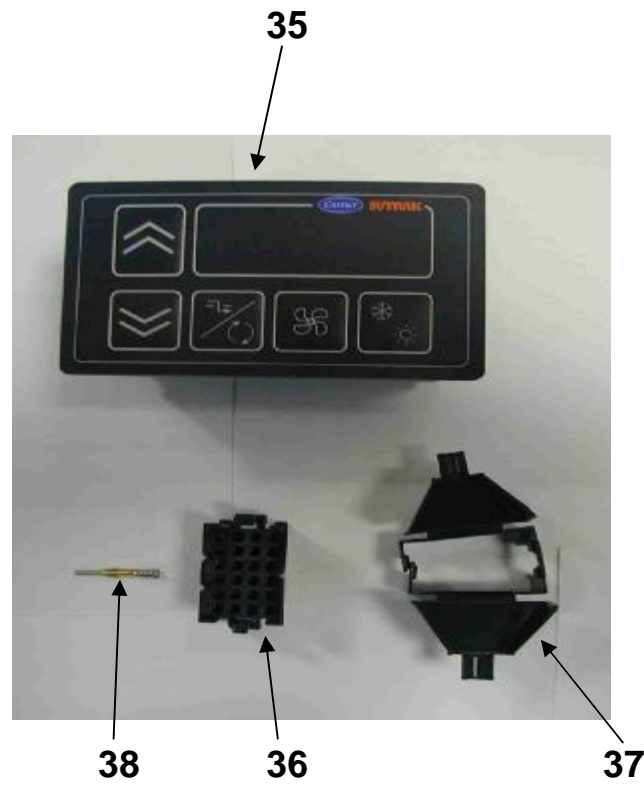
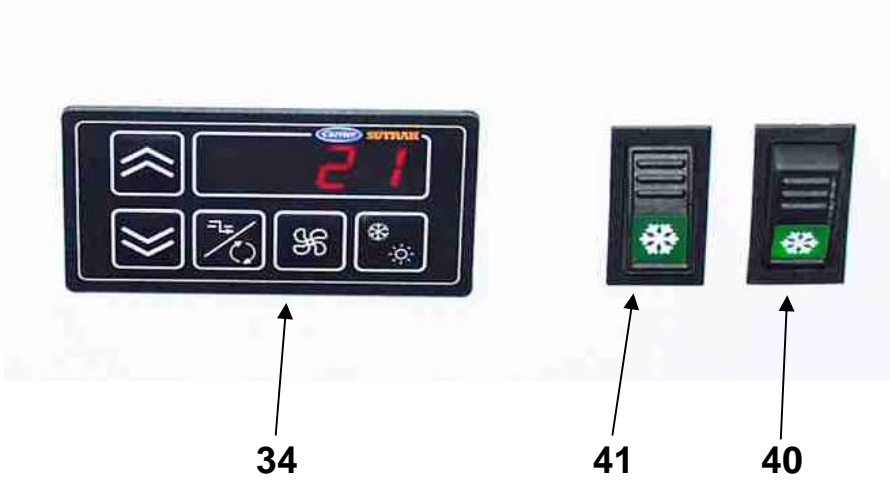


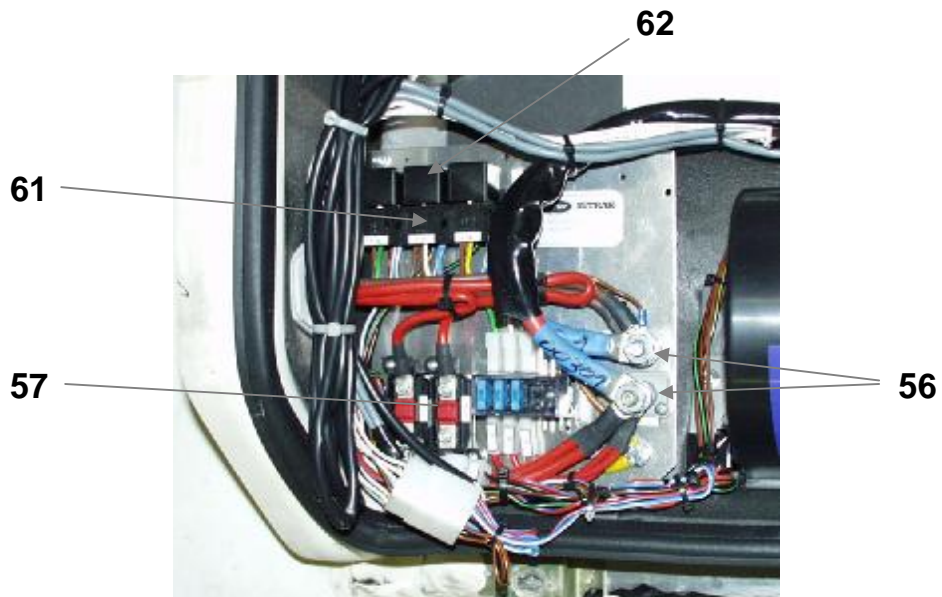
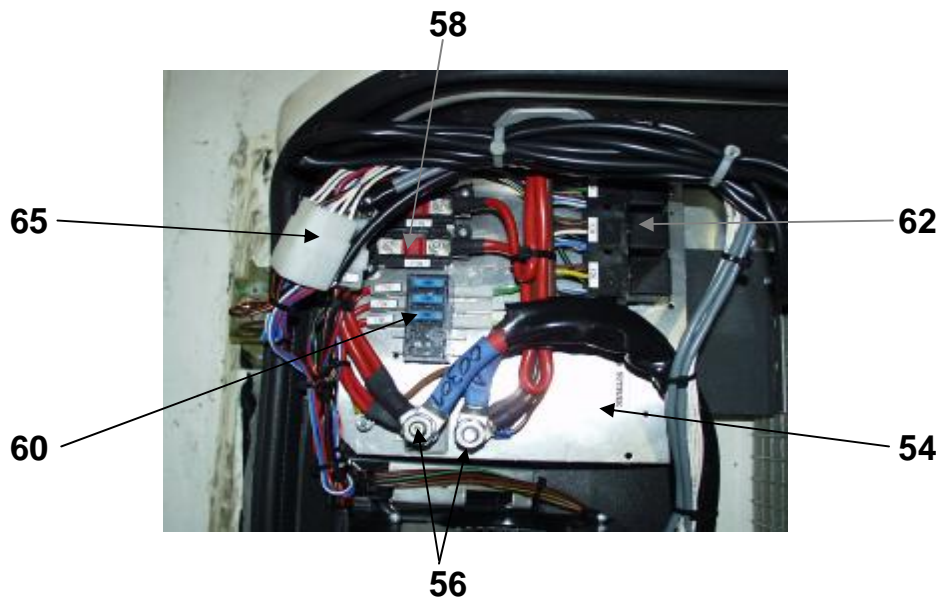
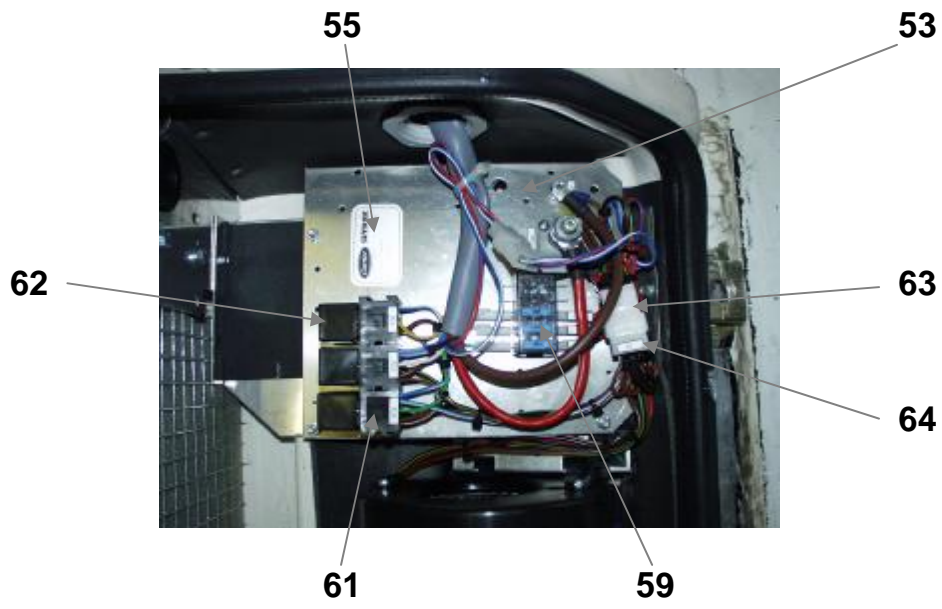


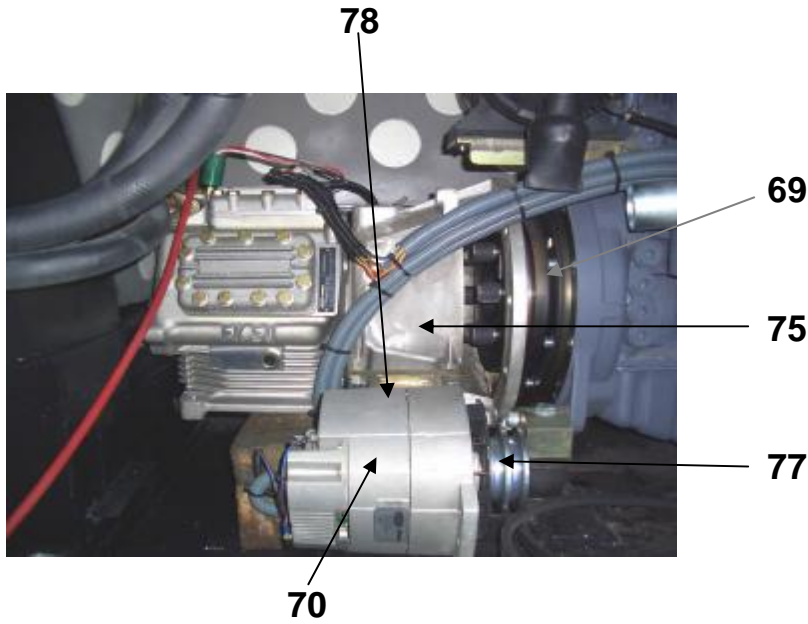
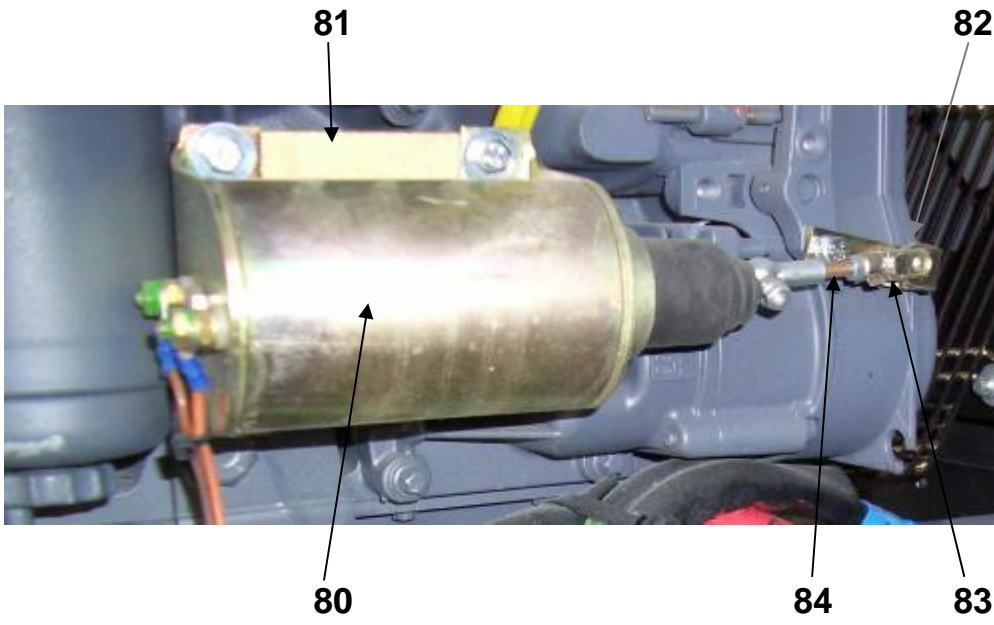
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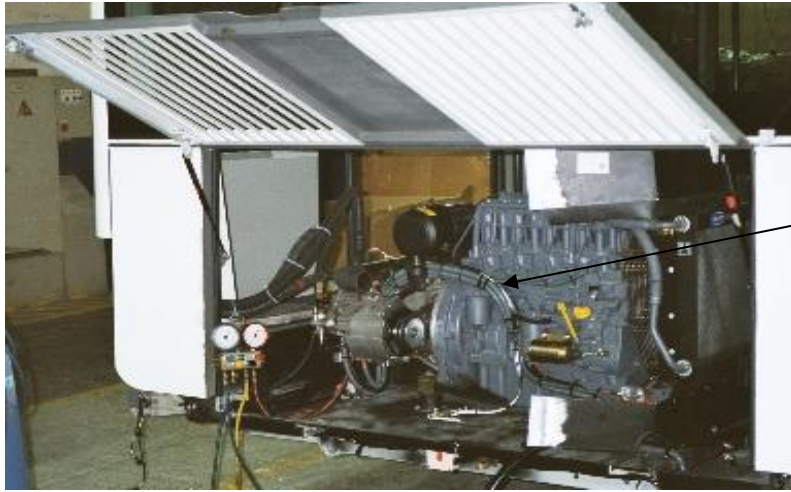












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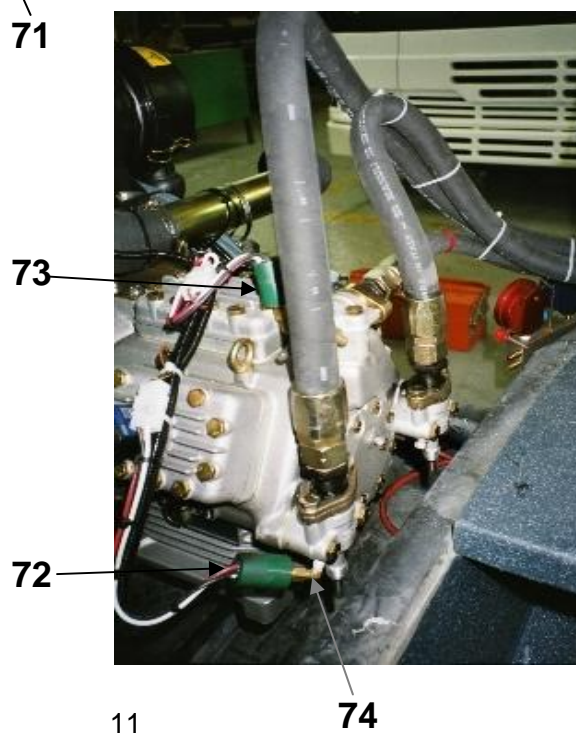
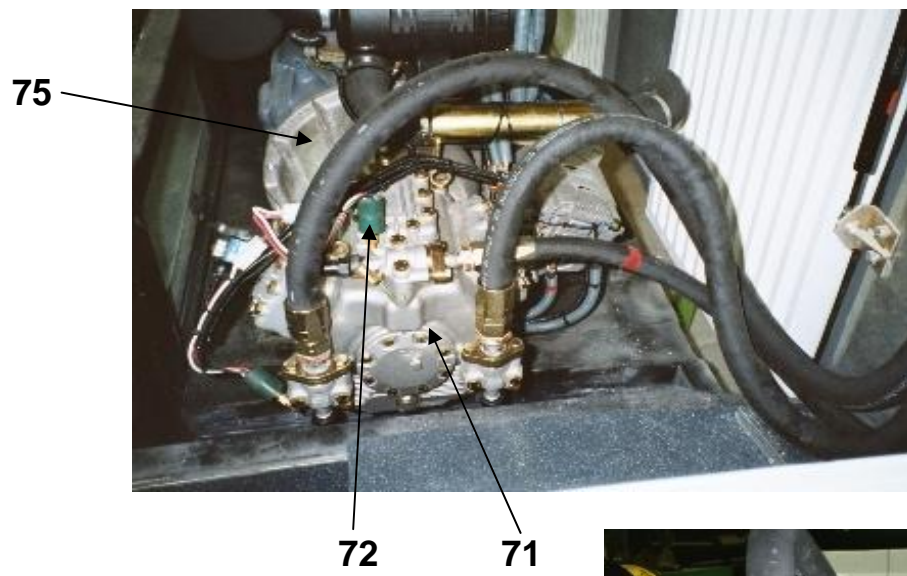
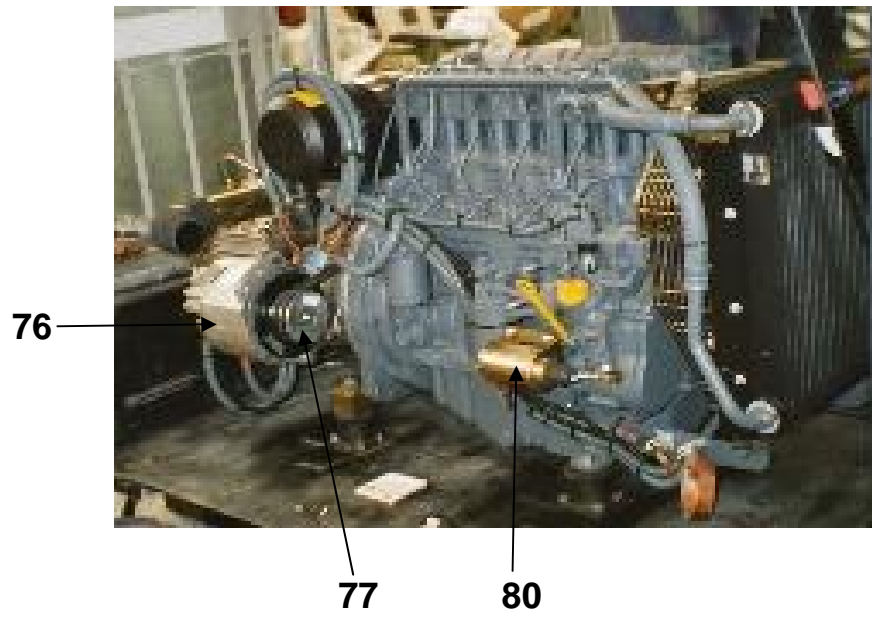
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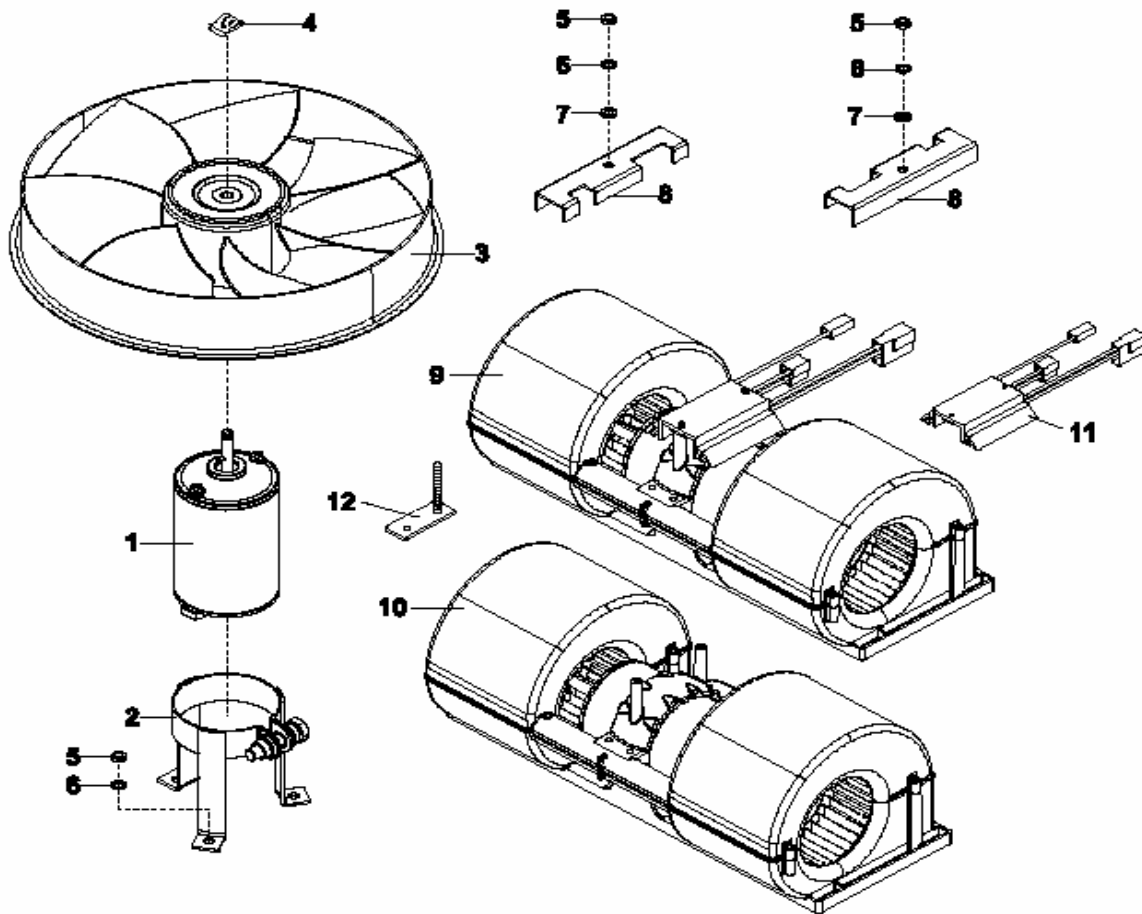
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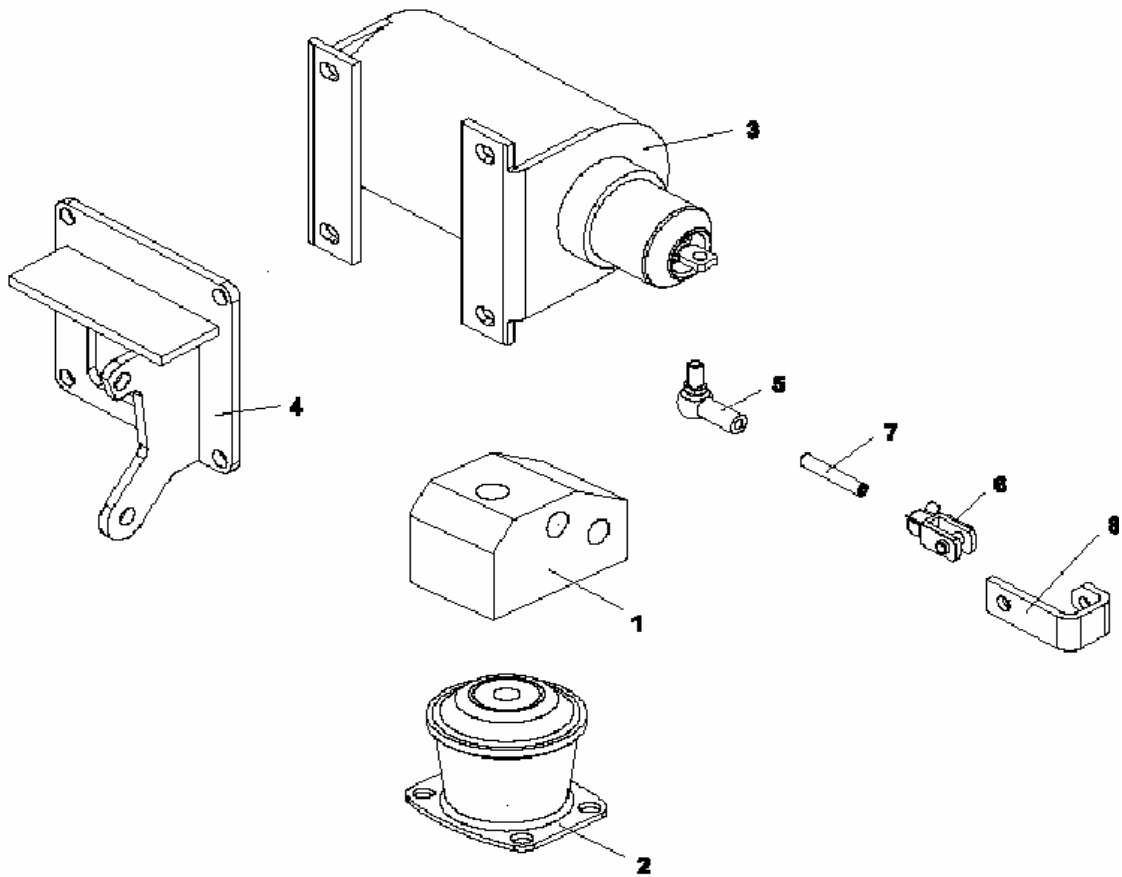


Pos.	Bezeichnung	Description	Description	Bestell-Nr Ordering No. No.Reference	Menge Quantity Quantité
1	Kondensatordeckel kpl.	Condenser cover cpl.	Capot condenseur cpl.	75,25,01,105	2
2	Kondensatordeckel	Condenser cover	Capot condenseur	10,79,11,160	2
3	Abdeckgitter	Grill	Grille	10,34,01,021	10
4	Verdampferdeckel kpl	Evaporator cover cpl.	Capot évaporateur cpl.	75,25,01,102	2
5	Verdampferdeckel	Evaporator cover	Capot évaporateur	10,28,03,039	2
6	Frontverkleidung	Front cover	Habilitage avant	10,28,05,025	4
7	Verflüssiger Boden	Condenser housing base	Chassis condenseur bas	10,28,08,018	2
8	Verschlußunterteil	Supporting cam	Cames de support	32,24,01,014	12
9	Verschlußbolzen	Locking bolt	Boulon	32,24,01,013	32
10	Haltescheibe	Spring washer	Rondelle	32,24,01,016	32
11	Verdampfer Boden links	Hous.evap.compl.left	Chassis evap.compl.gauche	74,47,05,418	2
12	Verdampfer Boden rechts	Hous.evap.compl.right	Chassis evap.compl.droite	75,47,05,419	2
13	Winkel für Magnetventil	Bracket for Soleonid valve 24V	Support de Vanne mag.24V	15,04,14,176	2
14	Dichtband 15x30	Foam rubber 15x30	Mousse 15x30	21,10,01,001	m
15	Stütze	Bracket	Support	15,13,13,007	4
16	Verflüssigerpaket	Condenser coil	Condenseur	24,02,11,186	2
17	Sammelflasche	Receiver	Réservoir liquide	10,63,01,010	2
18	Filtertrockner	Drier	Déshydrateur	24,06,01,026	2
19	Halter für Filtertrockner	Drier-support	Support déshydrateur	15,07,12,002	2
20	Schneckenengewindeschelle	Clamp	Collier de serrage à vis	32,15,11,005	4
21	Schauglas	Sight glas	Voyant liquide	24,07,12,021	2
22	Durchg. Absp. Ventil	Shut of valve	Vanne de arrete	22,05,15,100	2
23	FI-Leitung Verflüssiger	Liquid line condenser	Ligne liquide conden.	10,60,03,053	2
24	Doppelmutter	Double nut	Ecrou double	10,60,71,003	2
25	Magnetventil	Soleonid vave	Vanne magnetique	22,05,12,007	2
26	Dichtungsprofil	Profiled joint	Joint profilé	21,03,51,025	m
27	Eckabsperventil	Shut of valve	Vanne d'arrete	22,05,15,305	2
28	Kondensatorlüfter kpl.	Condenser blower cpl.	Ventilateur Condenseur cpl.	75,45,01,254	2
29	Verdampferpaket links	Devaporator left	Evaporateur gauche	24,03,11,272	2
30	Verdampferpaket rechts	Evaporator right	Evaporateur droite	24,03,11,273	2
31	Lagerbock links	Bracket left	Support gauche	10,16,01,030	12
32	Lagerbock rechts	Bracket right	Support droite	10,16,01,031	4
33	Doppelradialgebläse kpl.	Doubel radial blower cpl.	Venti.Evaporateur cpl.	75,45,01,273	4
34	BG Bedienteil BT 324	Cab command BT 324 cpl.	Commande cabine BT 324 cpl.	75,50,16,048	1
35	Bedienteil BT 324	Cab command BT 324	Commande Cabine BT 324	26,09,03,048	1
36	Steckergehäuse 24 pol.	Plug connector 24 pol.	Connecteur 24 bornes	26,17,12,038	1
37	Zugentlastung	Strain relief	Maintien câble	26,17,12,039	1
38	Stiftkontakt	Connector male	Connecteur 24 bornes	26,33,03,209	17
39	Rückluftgitter	Return air lattice	Trellis d'air ré	10,34,08,021	4
40	Hauptschalter Klima	Main switch clima	Interrupteur principal climat	26,01,05,013	1
41	Start Taster DA 39	Start button DA 39	Commencement traceur LA 39	26,01,05,014	1
42	Drehzahl Poti.	Potentiom.Ventilation	Ventilation potentio.	60,01,40,033	1

Pos.	Bezeichnung	Description	Description	Bestell-Nr Ordering No. No.Reference	Menge Quantity Quantité
43	Abdeckung Tropfwanne links	Cover left	Capot gauche	15,07,16,065	4
44	Abdeckung Tropfwanne rechts	Cover right	Capot droite	15,07,16,027	4
45	Filtermatte dunkel	Filter mat	Filtre	21,08,03,012	4
46	Therm.Exp.Ventil	Expa.-valve	Détend Thermostat	24,04,01,167	4
47	D-Ausgleichsleitung	Compensating line	egalisation externe	24,04,75,014	4
48	T-Stück mit Ventileinsatz	T-pieces	T-piece	22,05,05,002	4
49	Filtermatte hell	Filter mat	Filtre	21,08,07,008	4
50	Filterträger	Filtre carrier	Porte filtre	20,08,09,021	2
51	Abdeckplatte für Gebläse	Base plate for blower	Capot de ventilateur	10,10,05,164	4
52	Abdeckblech für Frischluft	Base plate for Fresh air flap	Capot de air frais	10,10,05,165	2
53	Schalttafel rechts	Printed circuit left	Circuité imprimé gauche	60,01,31,043	2
54	Schalttafel links	Printed circuit right	Circuité imprimé droite	60,01,31,042	2
55	Montageblech	Mounting plate	Plaque de montage	15,07,15,031	4
56	AS -Klemme	Terminal	Borne	26,21,01,038	4
57	Si-Dose 1pol.	Mounting base 1ts	Culot 1 borne	26,05,11,019	4
58	Midi Fuse 50 A	Midi Fuse 50 A	Midi fusible 50 A	26,05,05,342	4
59	Si-Dose 5pol.	Mounting base 5ts	Culot 5 borne	26,05,11,041	4
60	Flachsicherung 15 A	Fuse 15 A	Fusible 15 A	26,05,05,245	12
61	Sockel für Relais	Relay base	Embase relais	26,01,19,001	12
62	Relais	Relay	Relais	26,01,17,107	12
63	Gehäuse für FS-Hülse 4pol.	Plug connector 4 ts	Connecteur 4 borne	26,17,15,010	4
64	Gehäuse für FS-Hülse 4pol.	Plug connector 4 ts	Connecteur 4 borne	26,17,05,010	4
65	Ghäuse für FS-Hülse 11pol.	Plug connector 11 ts	Connecteur 11 borne	26,17,05,050	2
66	Temp.Fühler	Temperatur Sensor	Température palpeur	26,09,03,816	2
67	Diesel-Motor	Diesel-engine	Moteur Diesel	28,03,04,021	1
68	Motorfuß	Motor mounting	Pied de moteur	10,25,02,014	2
69	Riemenscheibe	Pulley	Courroie	17,12,20,097	1
70	Keilriemen	V-belt	Courrie trapezoidale	30,06,11,019	2
71	Kompressor FKX 50/775K	Commpressot FKX 50/775K	Compresseur FKX 50/775K	24,01,01,058-16	1
72	Pressostat HD	HP switch	Pressostat HP	26,03,20,257	1
73	Pressostat ND	LP switch	Pressostat BP	26,03,20,004	1
74	Einschraubwinkel 7/16"	Elbow fitting 7/16"	Coude 7/16"	24,09,05,010	2
75	Anschlußgehäuse FKX 50	Connect cage FKX 50	Capot de raccord FKX 50	10,28,20,029	1
76	Lichtmaschine	Generator	Générateur	28,10,04,012	1
77	Keilriemenscheibe Lichtmaschine	V-belt pulley	Pouille	22,40,01,005	1
78	Halter f. Lichtmaschine	Support for generator	Support de générateur	10,37,06,027	1
79	Spannschiene f. Lichtmaschine	Sliding rail for generator	Rail tendeur	15,01,06,028	1
80	Hubmagnet 24 V	Electric lifting magnet	Aimant de levage	28,14,03,005	1
81	Halterung f. DRZ-Magnet	Support f.el.lifting magnet	Support aimant	10,37,13,010	1
82	Winkelgelenk	Angle joint	Articulation d'angle	30,17,10,011	1
83	Gabelgelenk	Forkhead	Chape	30,17,02,002	1
84	Gewindestift	Set screw	Vis sans tête	32,01,30,001	1
85	Abgasrohr	Tail-pipe	Pot d'échappement	28,07,12,002	1

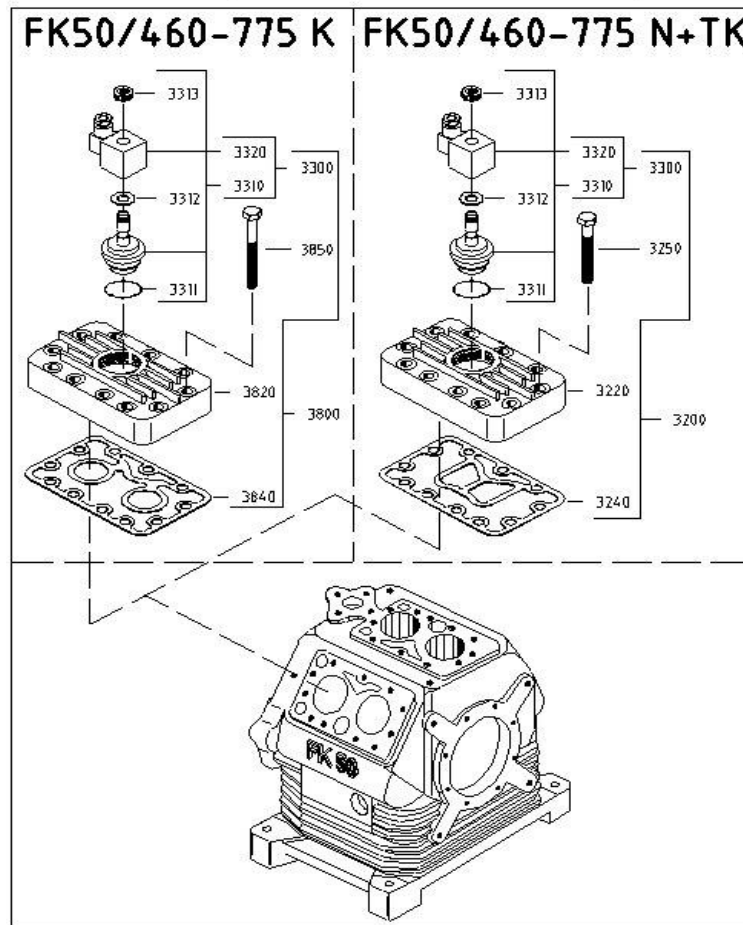


Pos.	Bezeichnung	Description	Description	Bestell-Nr Ordering No. No.Reference	Menge Quantity Quantité
1	Gleichstrommotor 24V	Electric motor 24V	Moteur à courant contin.24V	28,02,10,021	5
2	Motorhalter	Motor support	Support de moteur	10,37,07,004	5
3	Lüfterflügel	Fan blade	Hélice ventilateur	28,23,01,815	5
4	Bajonettclip	Clip	Clip	32,13,05,001	5
5	Mutter M6	Nut M6	Ecrou M6	32,02,14,011	23
6	Zahnscheibe J6,4	Tooth lock washer J 6,4	Rondellé a ´dents J 6,4	32,04,01,012	23
7	Scheibe 6,4	Washer 6,4	Rondelle 6,4	32,03,20,006	23
8	Gebläsehalter	Blower mounting	Support ventilateur	10,37,03,008	8
9	Doppelradialgebläse 24V mit Drehzahlregler kompl.	Double radial blower 24V with speed control cpl.	Ventil.radial double 24V avec régulateur de vitesse cpl.	75,45,01,273	4
10	Doppelradialgebläse 24V	Double radial blower 24V with	Ventil.radial double 24V	28,20,01,050	4
11	Drehzahlregler 24V 80%	Speed controller 24V 80%	Régulateur de vitesse 24V 80%	26,09,10,110	4
12	Gegenplatte f.Gebl.halter	Blower mounting bracket	Support ventilateur	10,37,03,025	8



Pos.	Bezeichnung	Description	Description	Bestell-Nr Ordering No. No.Reference	Menge Quantity Quantité
1	Motorfuß hinte	Motor mounting	Pied de moteur	10,25,02,014	2
2	Schwingungsdämpfer	Shock absorber	Amortisseur	30,13,01,027	4
3	Hubmagnet 24V	Electric lifting magnet	Aimant de levage	28,14,03,005	1
4	Halterung Hubmagnet	Support f el.lifting magnet	Support aimant	10,37,13,010	1
5	Winkelgelenk	Angle joint	Articulation d'angle	30,17,10,011	1
6	Gabelgelenk	Forkhead	Chape	30,17,02,002	1
7	Gewindestift	Set screw	Vis sans teté	32,01,30,001	1
8	Distaynzstück	Spacer	Entroise	10,30,02,005	1

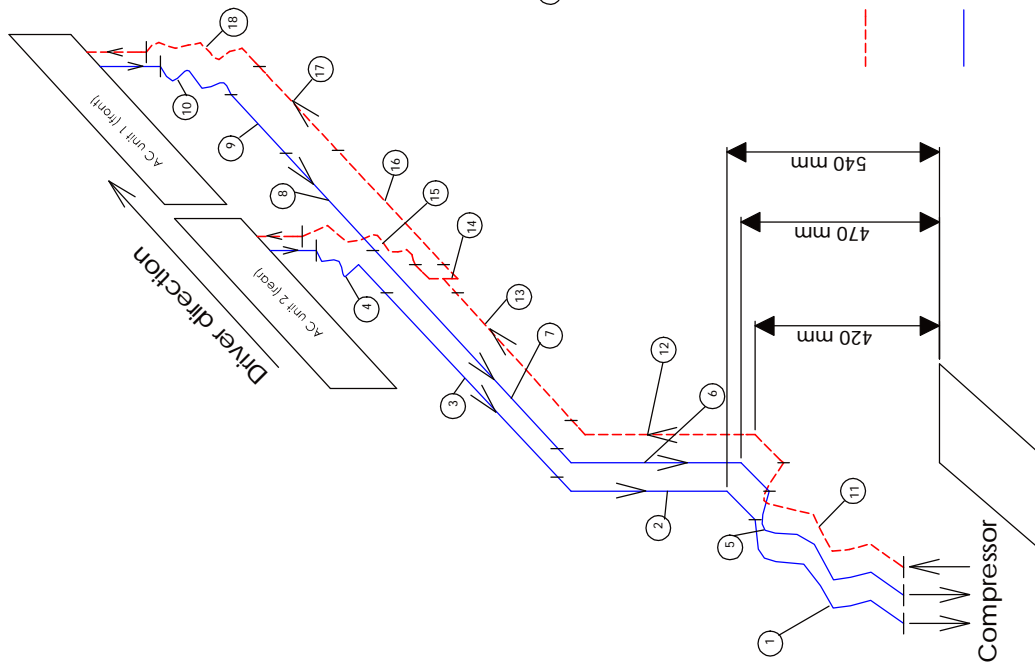
Sonderzubehor / special accessories / accessoires spciaux



Pos.	Bezeichnung	Description	Description	Bestell-Nr Ordering No. No.Reference	Menge Quantity Quantité
3300	BS Leistungsregelung LR 87	Capacity regulation kit without cylinder cover	Régulation de puissance sans culasse	24,01,74,690	1
3310	Ventilkörper	Valve	Vanne	24,01,74,691	1
3311	O-Ring dm 48,0x2,5	O-ring diameter 48,0x2,5	O-ring diameter 48,0x2,5	24,01,74,692	1
3312	Scheibe dm 30x16x2,0	Washer diameter 30x16x2,0	Rondelle diameter 30x16x2,0	24,01,74,693	1
3313	Rändelmutter M15x1	Nut M15x1	Ecrou M15x1	24,01,74,394	1
3320	Magnetspule 24 V	Magnetic coil 24V	Bobine d'electro 24V	24,01,74,390	1
3800	BS Leistungsregelung LR 87	Capacity regulation kit without cylinder cover	Régulation de puissance sans culasse	24,01,74,390	1
3820	Zylinderdeckel	Cylinder cover	Culasse	24,01,74,659	1
3840	Dichtung Ventilplatte oben	Upper valve plate gasket	Joint supérieur de plaque à clapet	24,01,75,755	1
3850	Sechskantschraube M10x85	Hexagon head screw	Vis 6 pans M10x85	24,01,74,665	11

Piping and Fitting for the airport bus Cobus 3000 (AC 355)

Pos.	Code	Discrp.	type	Content	Remarks
1	10.60.41.063	Suction hose	Size 20	Flanged nipple 0° hose Size 20 (length 1320 mm)	2x hose fitting 2x hose nipple 90° M36x2 22.25.30.023 21.07.01.045 22.25.31.102
2	10.60.20.072	suction pipe	Ø 28 mm	fitting flare coupling M36x2 copper tube (140-1430-210 mm)	Union M36x2 notice 1 20.04.05.211
3	10.60.20.073	suction pipe	Ø 28 mm	fitting flare coupling M36x2 copper tube 2690 mm	fitting flare coupling M36x2 22.25.48.025 20.04.05.211
4 & 10	10.60.41.062	Suction hose	Size 20	Hose nipple 0° hose Size 20 (length 400 mm)	Hose nipple 45° 22.25.31.052 22.25.30.108
5	10.60.41.051	Suction hose	Size 20	Flanged nipple 0° hose Size 20 (length 1750 mm)	Hose nipple 90° M36x2 22.25.31.102 22.25.30.108
6	10.60.20.069	suction pipe	Ø 28 mm	fitting flare coupling M36x2 copper tube (190-1490-260 mm)	Union M36x2 notice 1 20.04.05.211
7 & 9	10.60.20.070	suction pipe	Ø 28 mm	fitting flare coupling M36x2 copper tube 3525 mm	Union M36x2 notice 1 20.04.05.211
8	10.60.20.071	suction pipe	Ø 28 mm	fitting flare coupling M36x2 copper tube 2700 mm	fitting flare coupling M36x2 22.25.48.025 20.04.05.211
11	10.60.40.063	Discharge hose	Size 16	Flanged nipple 0° hose Size 16 (length 1050 mm)	Hose nipple 90° M30x2 22.25.30.024 21.07.01.044 22.25.31.101
12	10.60.21.076	Discharge pipe	Ø 22 mm	fitting flare coupling M30x2 copper tube (225-1480-165 mm)	Union M30x2 notice 2 22.25.48.013
13	10.60.21.077	Discharge pipe	Ø 22 mm	fitting flare coupling M30x2 copper tube 2600 mm	Union M30x2 notice 2 22.25.48.013
14	10.60.10.021	Discharge T-pc	Ø 22 mm	Inlet fitting M30x2 (22.25.48.013) outlet to unit 1 (front) union M30x2 (notice 2) outlet to unit 2 fitting (rear) M30x2 (22.25.48.013)	Distributor isolated
15 & 18	10.60.40.054	Discharge hose	Size 16	Hose nipple 0° Hose Size 16 (length 400 mm)	Hose nipple 45° 22.25.31.001 21.07.01.044 22.25.31.051
16	10.60.21.078	Discharge pipe	Ø 22 mm	fitting flare coupling M30x2 copper tube 3680 mm	fitting flare coupling M30x2 22.25.48.013 20.04.05.210
17	10.60.21.079	Discharge pipe	Ø 22 mm	fitting flare coupling M30x2 copper tube 3525 mm	Union M30x2 notice 2 22.25.48.013
Notice 1:	32.23.05.068	O-Ring		Nipple M36x2	
	24.09.01.019	Nut			
Notice 2:	32.23.05.073	O-Ring		Nipple M30x2	
	24.09.01.018	Nut			



Druckleitung
Discharge line

Saugleitung
Suction line

Werkstoff / Material : Weikstückkanten nach DIN 6784
Edges of workpiece acc. DIN 6784
Freimaßtoleranzen in mm bzw. Grad (DIN ISO 2768-mK)
Tolerances of free dimensions in mm resp. degrees (DIN ISO 2768-mK)

entgratet-burring

Für Anlage / for unit : **AC355 reduzierte Luftmenge**
Maßstab / Scale:

CAD
Solid Works

Benennung / Description:
KM-Verrohrung Cobus 3000
Piping circuit Cobus 3000

Zeichn.-Nr. / Drawing No.
1,635,49,076,00,01,3

EDV-Nr. / Part No.

Blatt/Page
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v. BIPg
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Ers.f. / use:
Ers.f. / replaces:

10.60.21.078
Zust. / Änderung / Revision
Date / Name / Name

10.60.21.078
Date / Name

05.11.03
khallili

21.10.2003
EI

05.11.03
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Carrier

SUTRAK

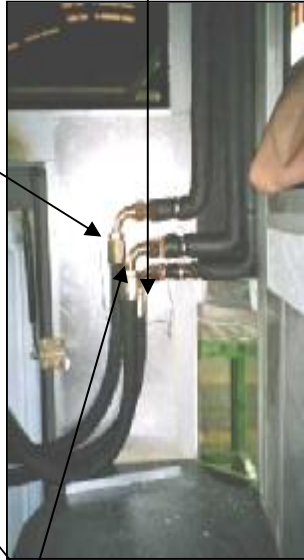
71272 Remington

Diese Zeichnung unterliegt nicht dem Änderungsdienst.
This drawing is not controlled by any changing management.

Pos.1 Suction hose

Pos.11 Discharge hose

Cu-pipe Pos.2, Pos.6, Pos.12

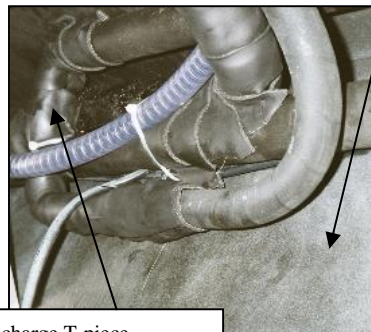


compressor

Pos. 5 Suction hose

Bus rear

Air duct inside the bus



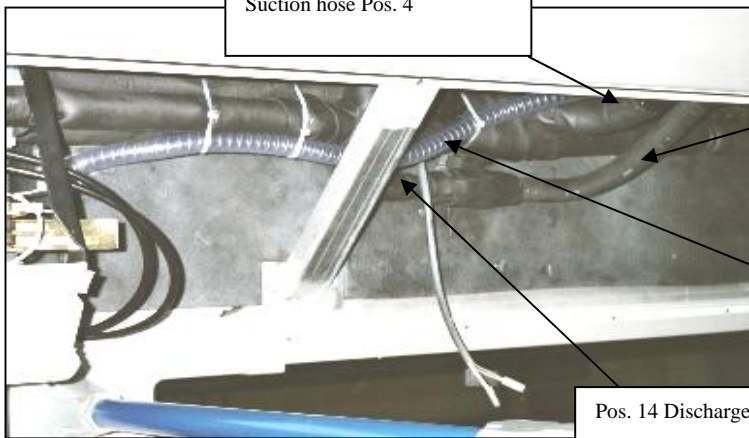
Cu-pipe Pos.3, Pos.7, Pos.13

Pos. 14 Discharge T-piece

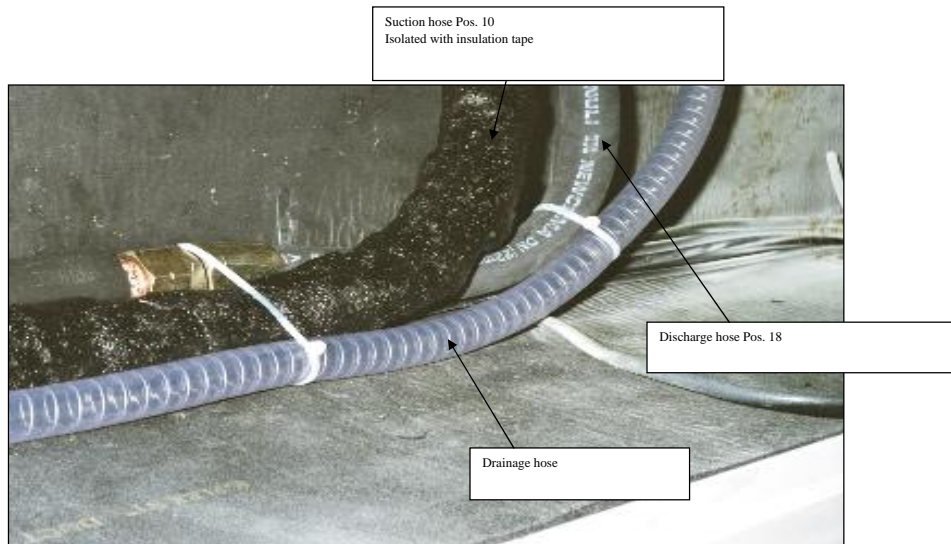
Suction hose Pos. 4

Discharge hose Pos. 15

Drainage hose



Pos. 14 Discharge T-piece



Pos.	Bezeichnung	Description	Description	Bestell-Nr Ordering No. No.Reference	Menge Quantity Quantité
1	Saug-Schlauch Gr.20	Suction hose size 20	Taille 20 de tuyau d'aspiration	10,60,41,053	1
2	Saugleitung dm 28 mm	Suction pipe dm 28 mm	Tube d'aspiration DM 28 mm	10,60,20,072	1
3	Saugleitung dm 28 mm	Suction pipe dm 28 mm	Tube d'aspiration DM 28 mm	10,60,20,073	1
4 & 10	Saug_Schlauch Gr.20	Suction hose size 20	Taille 20 de tuyau d'aspiration	10,60,41,052	1
5	Saug-Schlauch Gr.20	Suction hose size 20	Taille 20 de tuyau d'aspiration	10,60,41,051	1
6	Saugleitung dm 28 mm	Suction pipe dm 28 mm	Tube d'aspiration DM 28 mm	10,60,20,069	1
7 & 9	Saugleitung dm 28 mm	Suction pipe dm 28 mm	Tube d'aspiration DM 28 mm	10,60,20,070	1
8	Saugleitung dm 28 mm	Suction pipe dm 28 mm	Tube d'aspiration DM 28 mm	10,60,20,071	1
11	Druck-Schlauch Gr.16	Discharge hose size 16	Taille 16 de tuyau de décharge	10,60,40,053	1
12	Druckleitung dm 22 mm	Discharge pipe 22 mm	Pipe de décharge 22 mm	10,60,21,076	1
13	Druckleitung dm 22 mm	Discharge pipe 22 mm	Pipe de décharge 22 mm	10,60,21,077	1
14	Druckleitung T-Stück	Discharge T.pc.	Support ventilateur	10,60,10,021	1
15 & 18	Druck-Schlauch Gr.16	Discharge hose size 16	Taille 16 de tuyau de décharge	10,60,40,054	1
16	Druckleitung dm 22 mm	Discharge pipe 22 mm	Pipe de décharge 22 mm	10,60,21,078	1
17	Druckleitung dm 22 mm	Discharge pipe 22 mm	Pipe de décharge 22 mm	10,60,21,079	1



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