

Spare parts catalog for ECO-122/133



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Service

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Contents:

1. Warranty

- housing
- refrigerant
- water
- electrical

2. KKT Service

3. Defective part notification

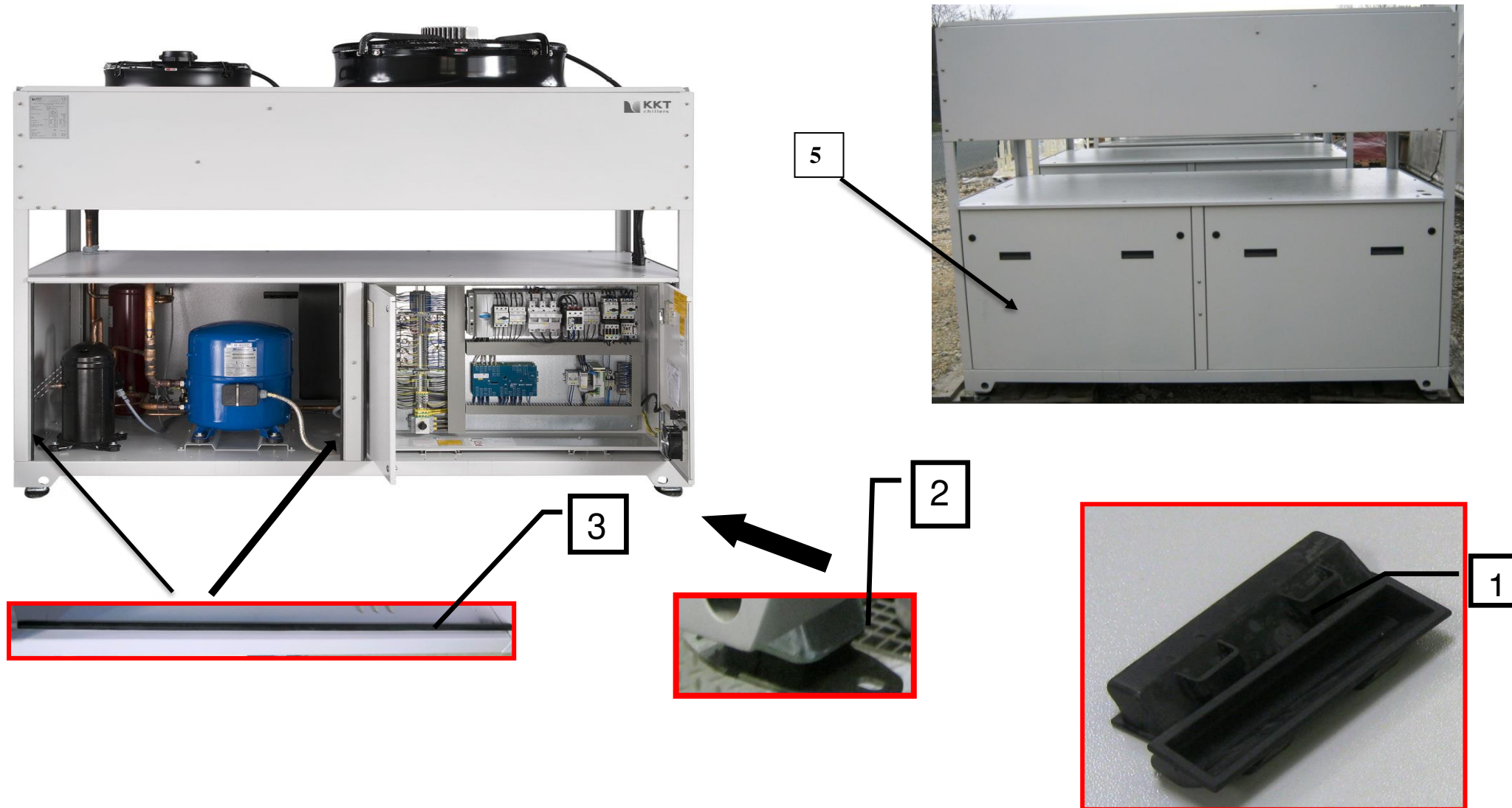
1 Warranty

Warrant claim exists in case of a present Warrant registration what was send back after the start-up of the equipment.

The decision of Warranty claim or not will be done by KKT Chillers only.

The Warrant void if any changes or modification are made to the product. Also repair or alterations by third parties shall void the guarantee.

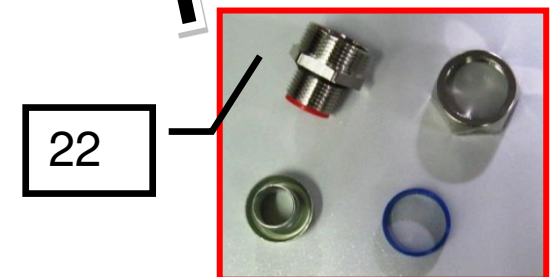
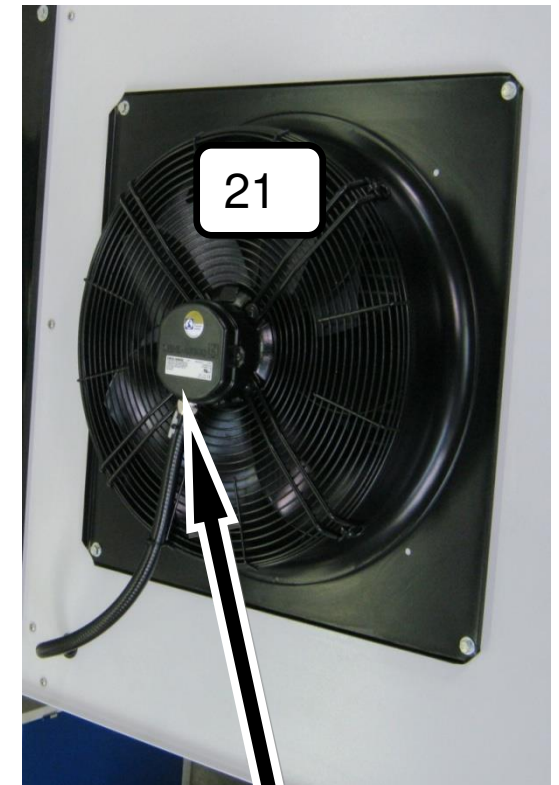
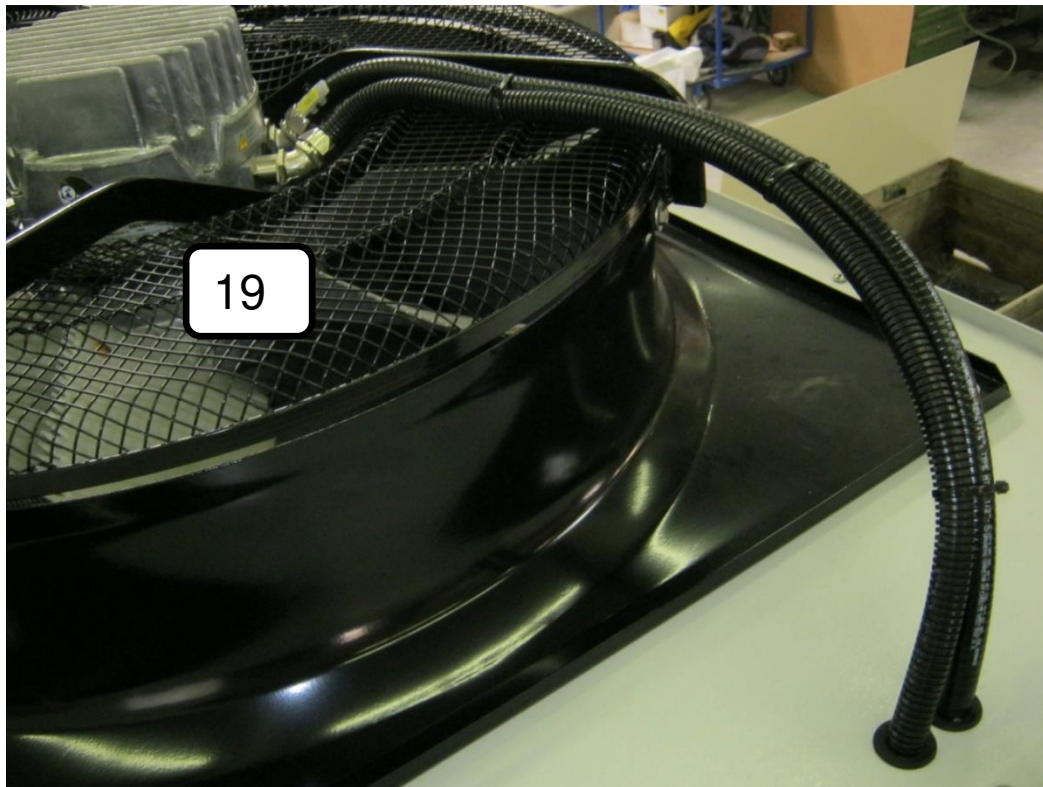
Defective part notification has to be filled out according to Header 3 in this Document!



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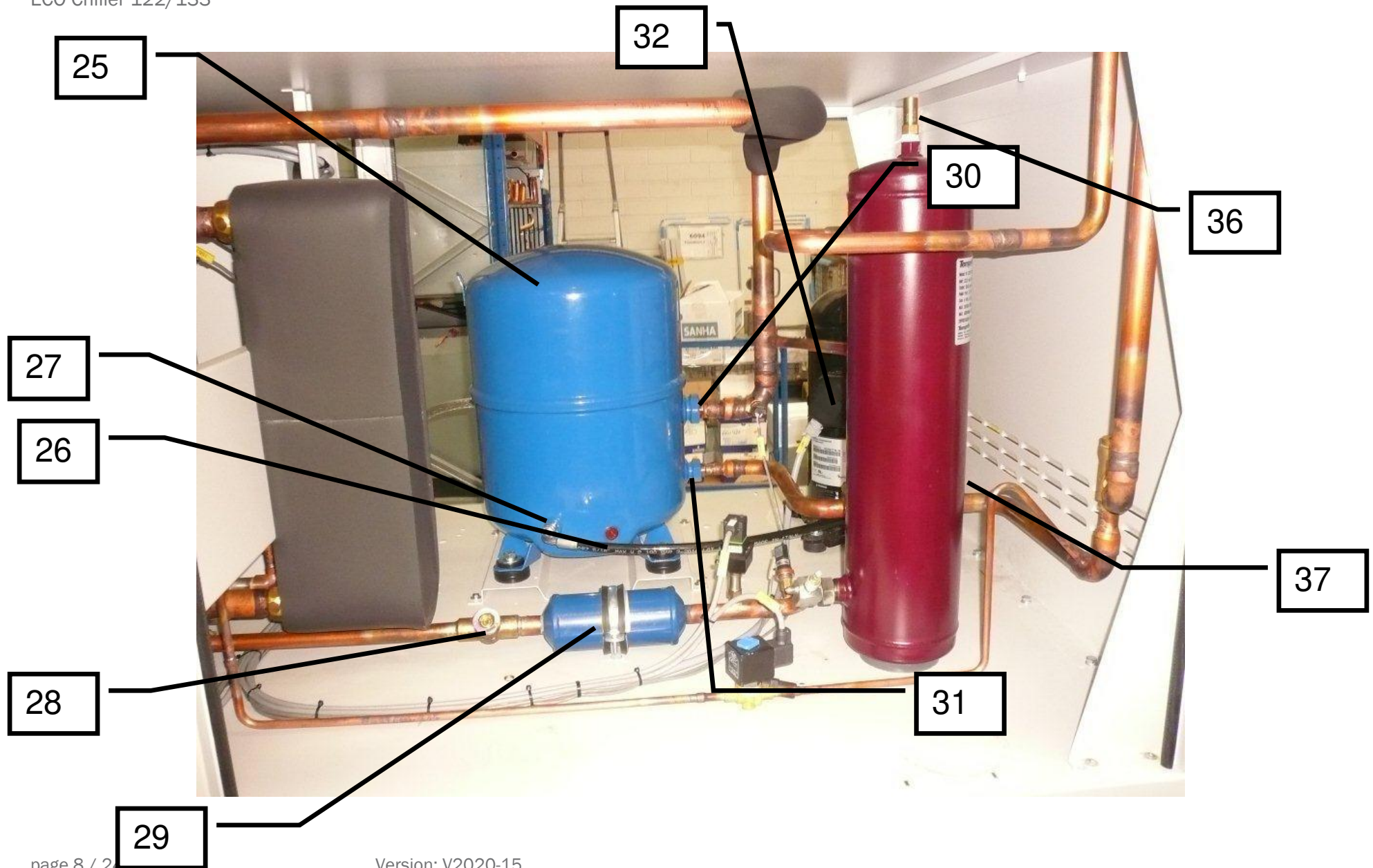


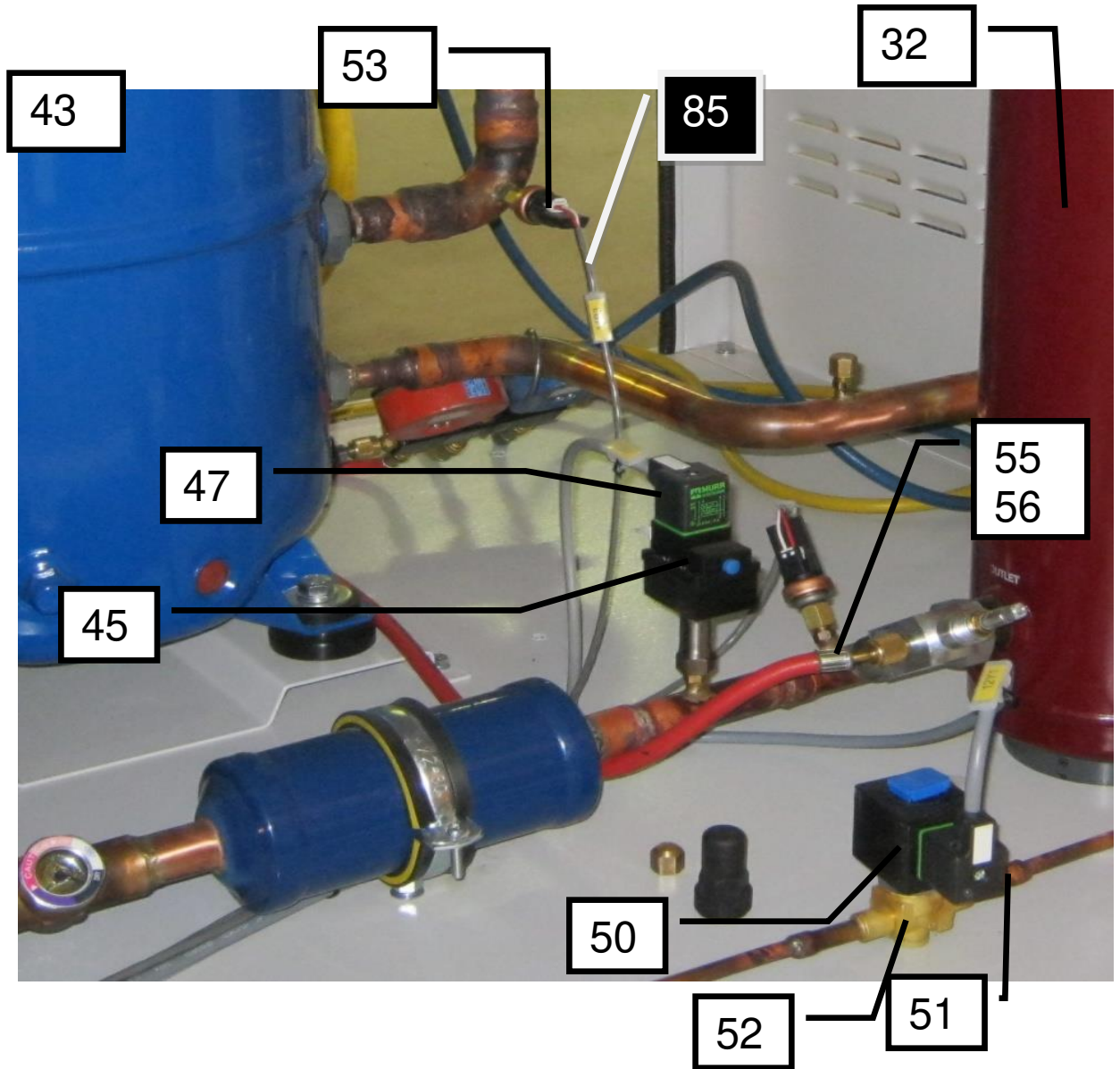
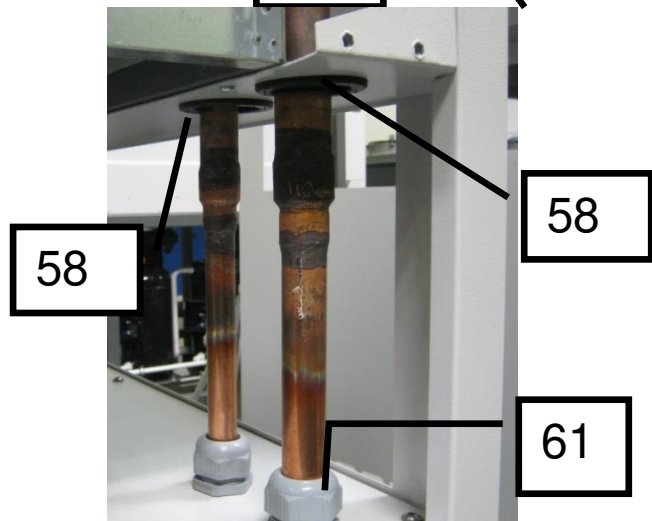
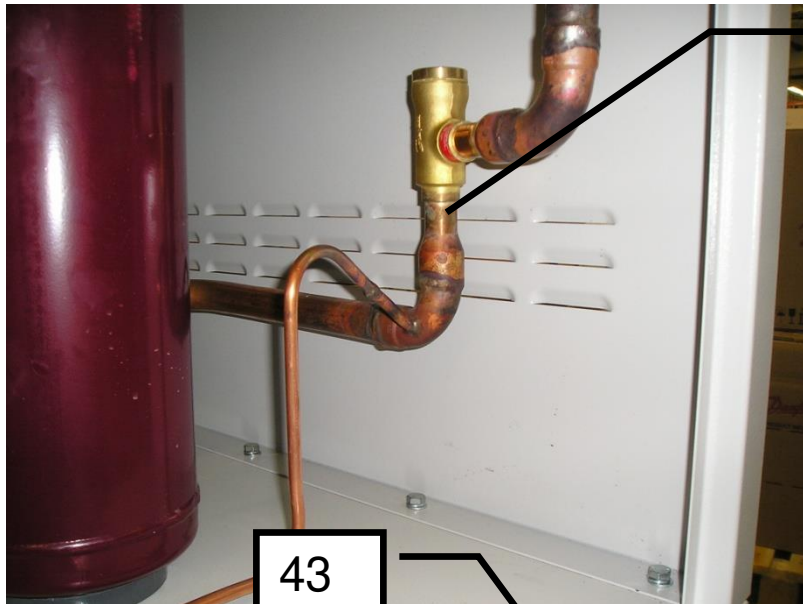
number	Description	type	electrical item designation	number scheme	SAP	SIEMENS PARTNUMBER	Remarks
1	handle	handle, big, UL94-HB			66999001		
2	muffle	muffle middle D = 65 mm muffle for outside			66112101		
3	edge protection	edge protection with rubber lip (the side of)			66998001		
4	key	key 2 (square-key)			66655601		
5	Cover plate ECO Ral 7035	for all sides			60944601		

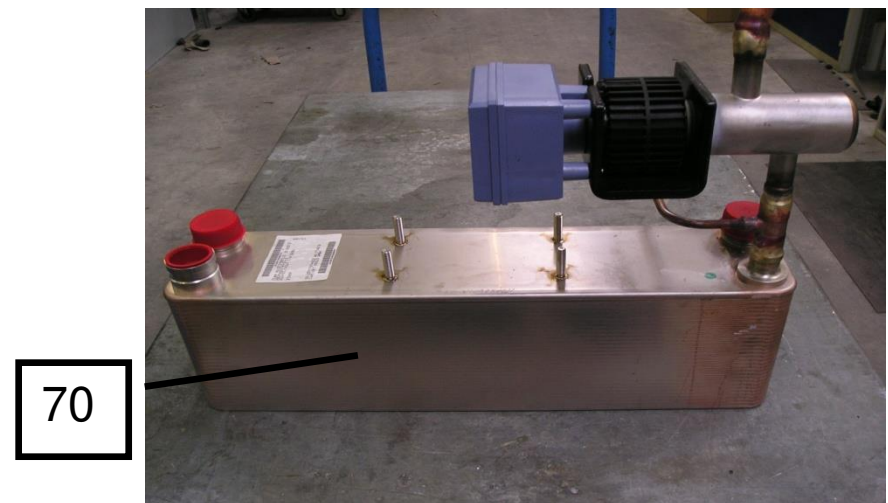
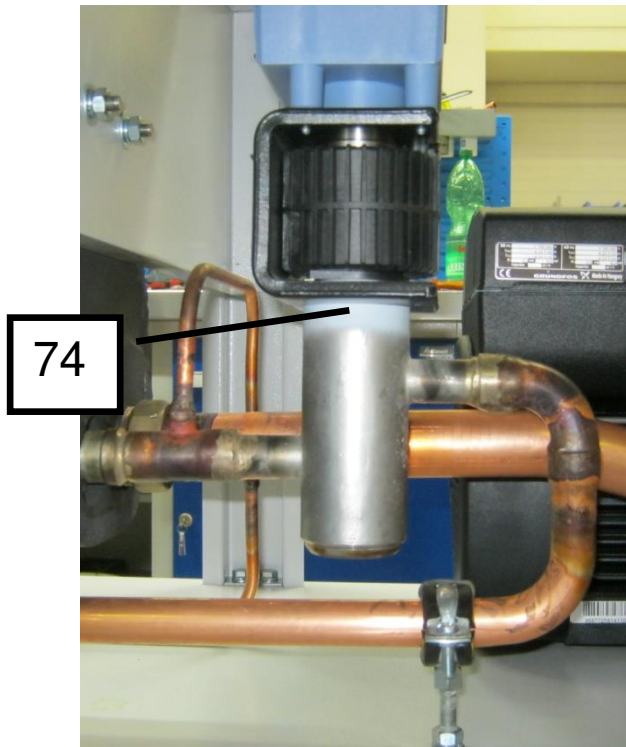


ECO Chiller 122/133

number	Description	Type	electrical item designation	number scheme	SAP	SIEMENS PARTNUMBER	Remarks
19	ventilator	chiller fan 800			928152	10591310	
21	ventilator	chiller fan 500			67077201	10591311	
22	tube gland	tube gland SILVYN			658214B01		
23	condenser refrigerant ECO 122/133	0722A4005185018CXX25			66155401	11516175	





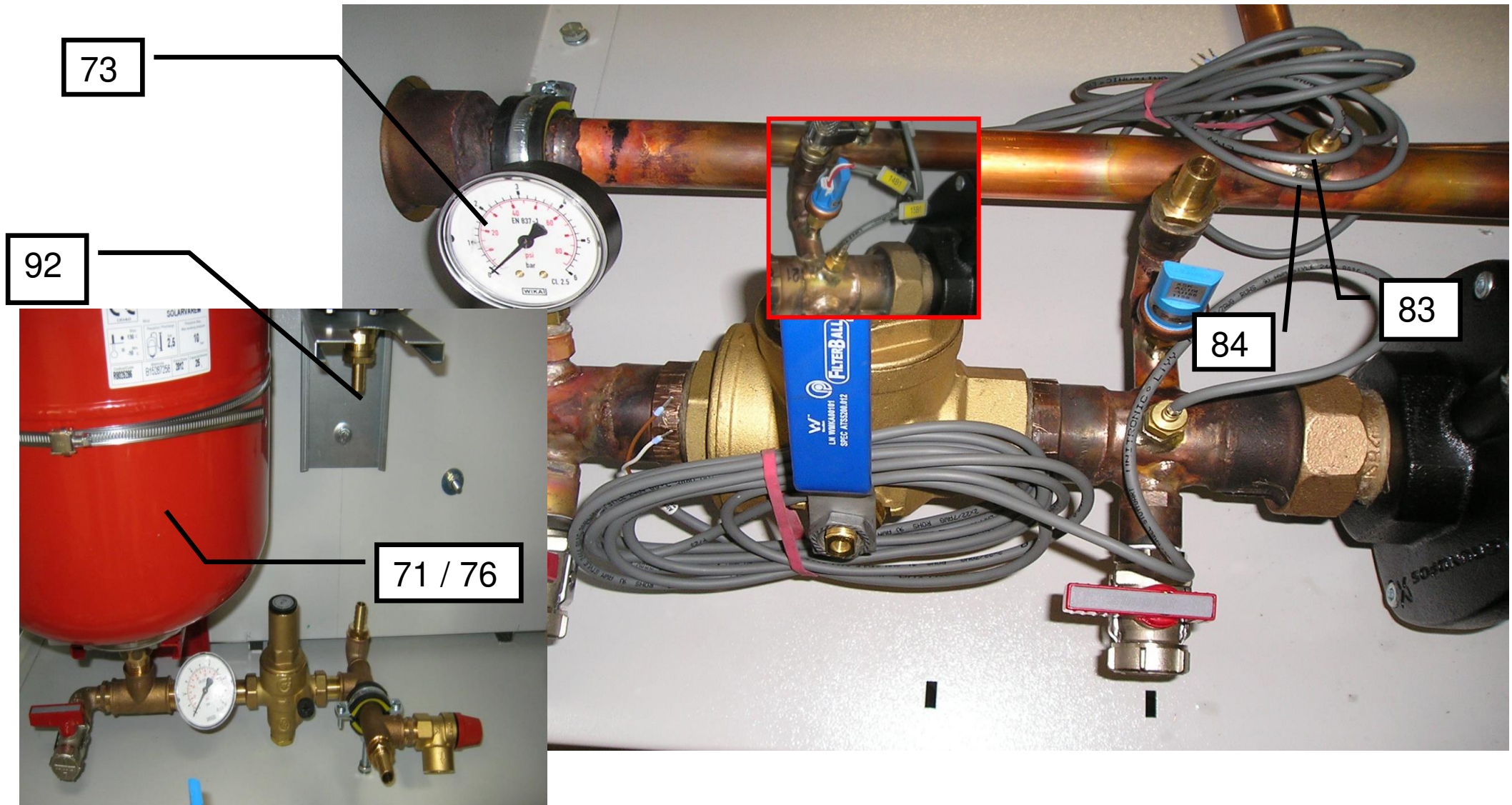


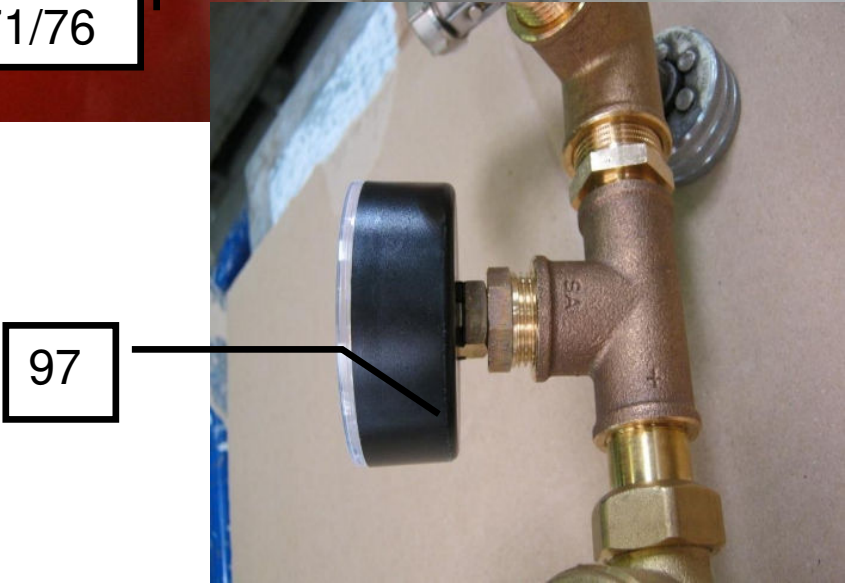
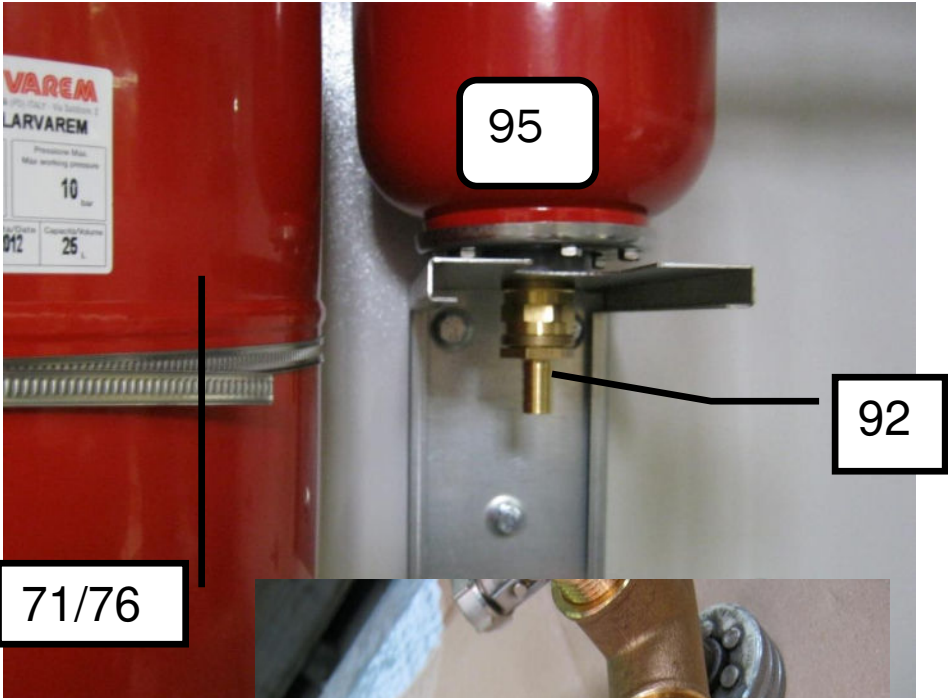
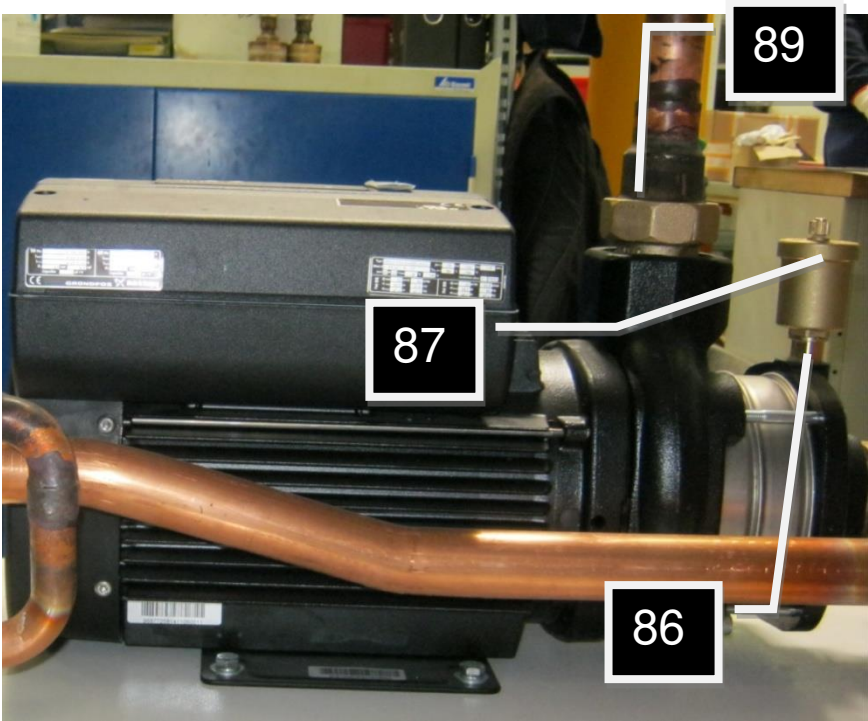
ECO Chiller 122/133

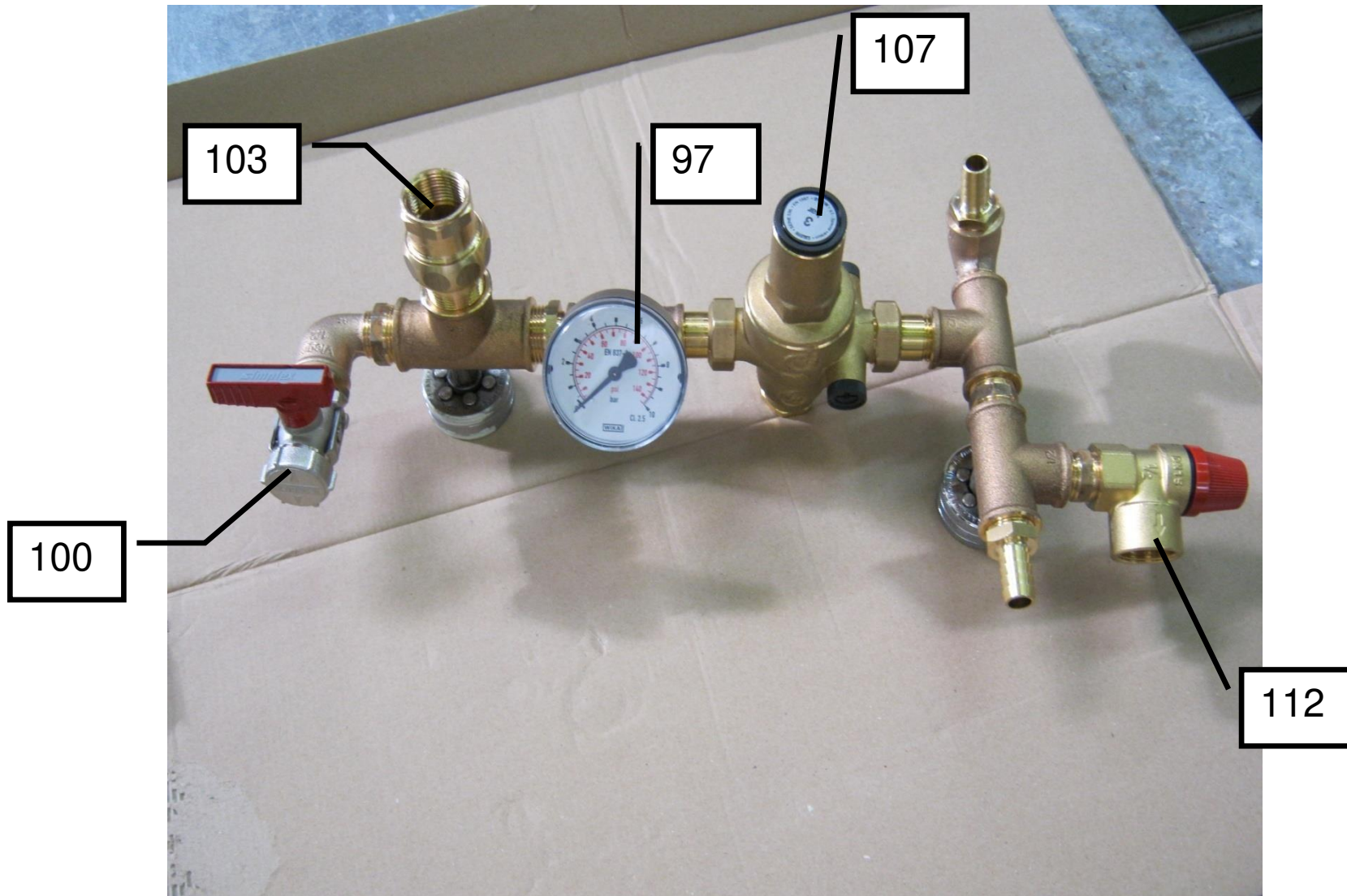
number	Description	Type	electrical item designation	number scheme	SAP	SIEMENS PARTNUMBER	Remarks
25	compressor incl. FU	compressor 45kW VTZ171 Frequency converter CD302			66002501 66002601	10591307 10591308	
26	Flex hose	Flex hose 10mm Ø			61076601		
27	seal	seal Cu seal ring 3/8"			66126201		
28	sight glass	sight glass AMI			66076701		
29	filter dryer	refrigerant filter dryer for ECO-Chiller 122/133 ADK 307S 22 mm			66068601	10591646	
30	union nut	union nut compressor-maneurop 1 3/4" EC 2			60776201		
31	union nut	compressor equipment union nut maneurop 1 1/4"			65999501		
32	compressor	compressor 15kW			65998001 61837001	10591309	
36	valve	safety valve "UV" Sherwood valve 3002 3/8"-NPT-AG 500psi			66980501		
37	liquid collector	liquid collector temprite 10 Liter			66100301		
43	Check valve	check valve blaze Eck NRV 22s 28mm			66084201		
45	pressure switch	pressure switch/ in 24bar, out 29,5bar			66055301		
47	plug	plug for magnetic valve			657807B01	10591315	
50	coil for magnetic valve	coil for magnetic valve ASC 3 24V			66044101	10591314	Bis 12/2019
50a	coil for magnetic valve with plug - replacemen tkit	coil for magnetic valve ASC 3 24V 17W with plug			928145	11516174	
51	valve plug	valve plug with cable			657808B01	10768755	Bis 12/2019
51a	valve plug	valve plug with cable			66043601		
50/51	Eco-replacment kit - coil/valve plug	Coil & valve plug with cable			928145	11516174	Ab 12/2019
52	magnetic valve	magnetic valve hot gas bypass without coil			66040701		
53	pressure sensor	pressure sensor 30bar			66058701	10591312	
55	schrader valve housing	schrader valve housing without cover			661320B01		
56	schrader valve inlet	schrader valve inlet			661322B01		

ECO Chiller 122/133

58	rubber edge protection	rubber edge protection black DG48			668042B01		
61	cable screw	cable screw skintop ST-M 40 x 1,5			658167B01		
70	plate heat exchanger	plate heat exchanger V80Hx60			928022	10497417	
74	expansion valve	expansion valve MVL661.15-1.0			65894601	10768151	

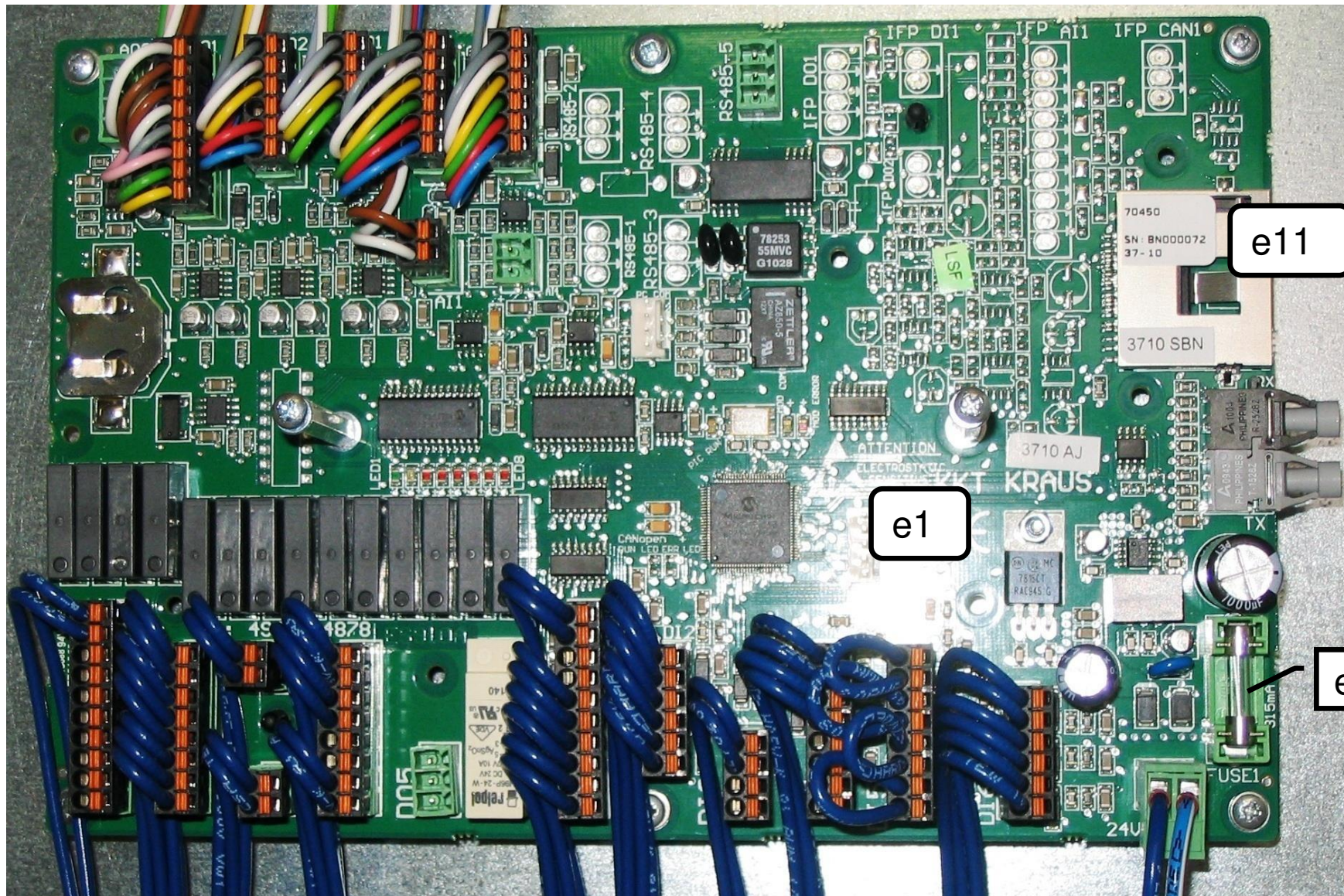


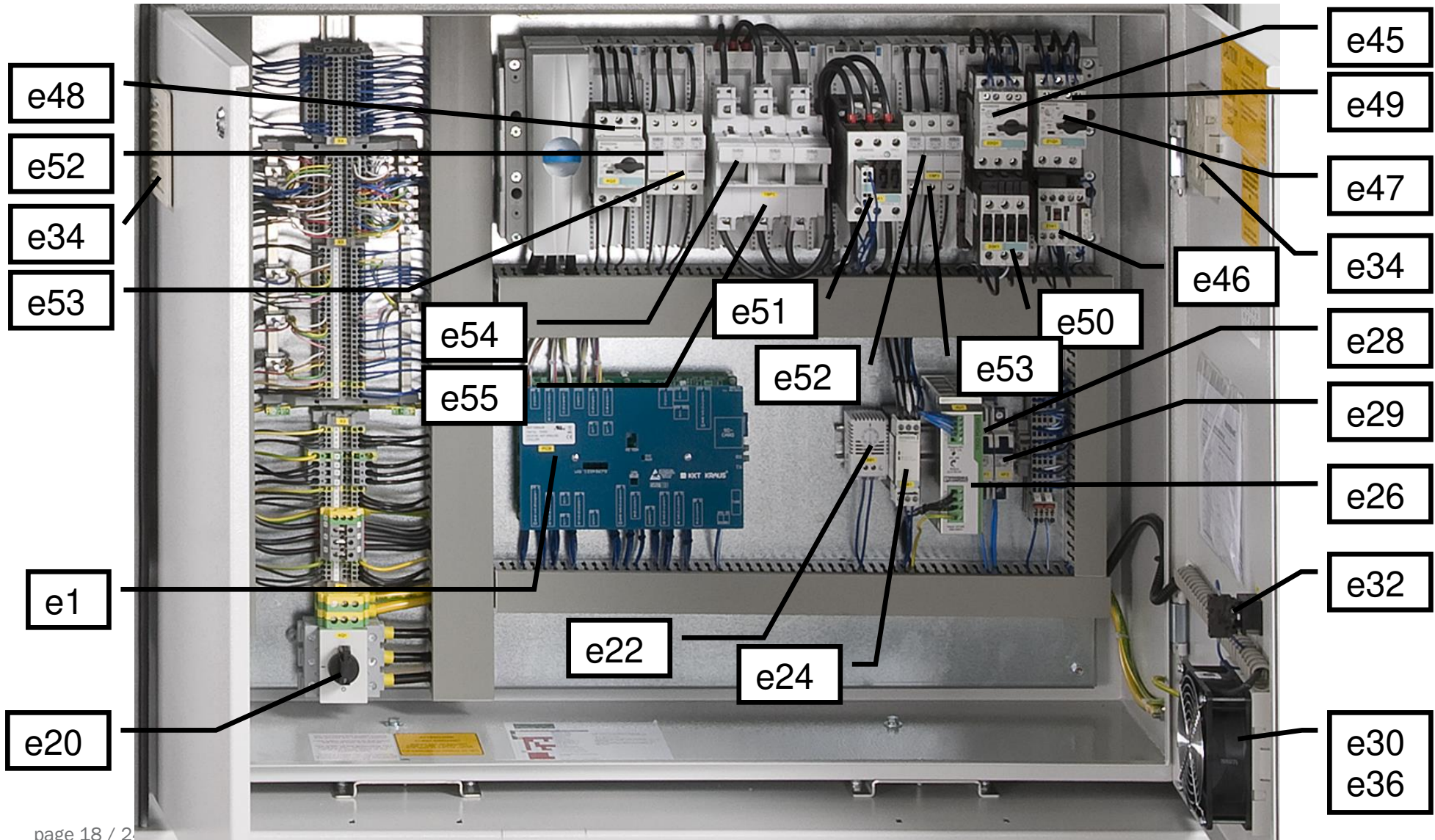




ECO Chiller 122/133

number	Description	Type	electrical item designation	number scheme	SAP	SIEMENS PARTNUMBER	Remarks
71	pressure vessel	pressure vessel 25 l (ECO)			60671601	10850458	
76	pressure vessel	pressure vessel 18 l (ECO)			65461301	10591282	till Serial No:1152 for ECO133 and Serial No:1075 for ECO122
72	pressure sensor	pressure sensor 10bar			66058801	10591269	
73	pressure gauge	pressure gauge water 0-6bar connection lower			65494101	10850461	
78	half screw	half screw RG			65139201		
83	temperature sensor	temperature sensor chiller/IFP			65878901	10591271	
84	swagelock screw	swagelock screw connection 1/4"			65124601		
85	plug	plug with cable 2,5m			66949101		
86	valve for locking	honeywell MNG valve for locking			65493401		
87	air bleeding valve	air bleeding valve			65493301	10591270	
89	gland	gland RG AG 42 mm x 1 1/2" 4331g			65142401		
90	pump	pump for chiller 098			928156	10591281	
91	slide ring	slide ring seal (kit) for pump CM10-3 in ECO 122/133 & MEDIX			61029201		
92	hose nozzle	hose nozzle MS hexagonal 13-1/2"a			65415201		
95	pressure vessel	pressure vessel 5 l (ECO)			67145701	10850457	
97	pressure gauge	pressure gauge 0-10 bar 1/4"			65494401	10850460	
100	ball valve	ball valve (drain and fillin valve red handle bar)			65445101		
103	gland	gland RG AG IG 3/4" 3331 flat sealing			60130601		
107	pressure limiter	pressure limiter 0,5 bar)			67006501	10850472	
112	safety valve	water relief valve			60103801	10591268	





ECO Chiller 122/133

number	Description	Type	electrical item designation	number scheme	SAP	SIEMENS PARTNUMBER	Remarks
e1	Contoller boards 098	eco chiller circuit board set ECO & IFP 098			928041	10915511	
e1a	Contoller boards 090	eco chiller circuit board set ECO & IPF 090			928047	10915509	
e5	controller board fuse	controller board fuse			60966601	10591279	
e11	sd cards	SD card 1GB set for ECO-chiller			928031	10850072	
e20	Main switch	NLT100/3T/Z20/3xZ58/Z62 (emergency OUT)			61590301	11515902	
e22	Thermostat	cabinet thermostate 0-60 °C 1S (heating)			66589601	08116027	
e24	Phase sequece relay	phase monitoring relay 50/60Hz			65686201	10432708 or 10591366	
e26	Power supply unit	ower supply 24VDC			65569601	10591276	
e28	board Fuse 2A	automatic fuse 1-pol. 2A, 1CU2			65624701	08115979 or 10591278	
e29	control Fuse 4A	automatic fuse 4A			65624901	07547768 or 10591303	
e30	cabinet fan	cabinet fan			65800601	10591645	
e32	Reset button	round pushbutton with flat, black, 1NO, complete unit			65696801		
e34	filter	outlet filter IP54 105x105x22mm			66582501	11410592	only twice
e45	motor-circuit switch	overload switch compressor 15kW		20Q1	65664401	10591299	
e45a	motor-circuit switch	overload switch compressor 15kW – new type		20Q1	67162601		08/2013
e46	contactor	contactor chiller fan 500		21K1	65656801	10591306	
e46a	contactor	contactor chiller fan 500 - new type		21K1	928090		08/2013
e47	motor-circuit switch	overload switch chiller fan 500			65662401	10591302	
e47a	motor-circuit switch	overload switch chiller fan 500 – new type			61204801		08/2013
e48	motor-circuit switch	circuit breaker 24VDC prim Chiller			65662201	10591610	
e48a	motor-circuit switch	circuit breaker 24VDC prim Chiller – new type			67175401		08/2013
e49	auxiliary contact	""auxiliary switch transverse 1NO+1NC for circuit breaker size S00, S0, S2, S3			65670001		
e49a	auxiliary contact	""auxiliary switch transverse 1NO+1NC for circuit breaker size S00, S0, S2, S3 (new type)			60372901		08/2013
e50	contactor	contactor compressor 2 ECO122/133		20K1	65658501	10915806	
e50a	contactor	contactor compressor 2 ECO122/133 –new type		20K1	60936701		08/2013

ECO Chiller 122/133

e51	contactor	contactor compressor 1 ECO122/133			928050	10591305	
e51a	contactor	contactor compressor 1 ECO122/133 – new type			928089		08/2013
e52	fuse 3pol, 10A, 10 x 38	fuse chiller 10A, 600V, ultra rapid			658362B01	10591300	
e53	fuse block 3pol 10x38	fuse block 5106304.3			658360B01		
e54	fuse elements 50A , 22 x 58	fuse for compressor 45 kW , ultra rapid			658363B01	10591298	
e55	fuse block 22 x 58	fuse block 22 x 58			65836101		
	cable POF cabel	both side HFBR Pin 2 fiber, orange, length 50 m			65643401	10433606	
e57	Softstarter ECO-chiller	Softstarter 3RW3018-1BB04			61348401	11515903	



2 KKT Service

KKT chillers contact:

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F 847 734 1601
TF 866 517 6867
E support@kkt-chillersusa.com

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3 Defective part notification

KKT Chillers USA

Please send this Document (next 2 pages) back to support@kkt-chillersusa.com

Siemens Healthcare / KKT Chillers

* Branch Return Sales Order No. _____

* Contact Information

Date Filed _____

Contact for Inquiries: _____

(i.e. Service Technician) for inquiries at Installation

site

First & Last name: _____

*Email: _____

Project /Job number or Branch name and cost center: _____

Phone : _____

cellphone: _____

Department: _____

Address of the installation:

ZIP/Code postal: _____

City: _____

Country: _____

State: _____

Phone: _____

Email: _____

Fax: _____

Product data:

Project and place of installation: _____

* Model # / produce (serial) no. _____

Could be found on the name plate

Model description: _____

Chiller, IFP or FCU

Defective part: _____

Replacement part:

Faulty part description:

● SBT/KKT-Part No. _____

● Serial of defective part: _____

Serial of NEW part: _____

* Date of Failure: _____

* Date of repair: _____

* Description of Failure Mode: (see list below of products that will need to be returned to KKT)

Requested settlement: ☐ Free repair: <i>kostenlose Reparatur</i> ☐ Free new part: <i>kostenloses Neuteil</i> ☐ Warranty application: <i>Gewährleistungsantrag</i> ☐ Credit voucher: <i>Gutschrift</i> Name:	Entscheidung KKT Chillers (fill out by KKT only) ☐ Warranty request accepted ☐ Warranty request not accepted <u>Explanation:</u> For request contact: _____ Date / Sign: _____
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MATERIAL TO BE RETURNED TO KKT Chillers

Contact KKT before sending any part back!

Description	Return part	KKT-Order-No.	Remarks
Controller boards ECO & IFP 098	YES	928041	
Controller boards ECO & IFP 090	YES	928047	
Compressor 45kW	YES	66002501	
Frequency converter compressor	YES	66002601	
Compressor 15kW	YES	65998001	Photo of nameplate only; all numbers must be legible!!
Chiller fan 800	YES	65051801	
Pump chiller 098	YES	65548401	
Chiller fan 500	YES	67077201	Photo of nameplate only; all numbers must be legible!!
Booster pump IFP	YES	65548501	Photo of nameplate only; all numbers must be legible!!