



## PARTS & SERVICE

**Klimaanlage**  
**Air conditioning system**

**Ersatzteil-Liste**  
**Spare parts list**

**REVO®**  
**SOLARIS**

## REVO®-Baukasten / REVO® construction kit

### REVO®-Varianten - Technische Daten im Überblick / REVO® Variants - Technical data at a glance

| Technische Daten/<br>Technical data                                               | REVO HV<br>SOLO <sup>1)</sup> | REVO 250<br>SOLO       | REVO 300<br>SOLO       | REVO 360<br>SOLO       | REVO 360<br>SOLO         | REVO 420                |                        |
|-----------------------------------------------------------------------------------|-------------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|
|                                                                                   | 11122415_                     | 11122402_              | 11122472_              | 11122411_              | w/o heating<br>11122403_ | ART Master<br>11122416_ | ART Slave<br>11122419_ |
| Max. Kälteleistung/<br>Max. refrigerating capacity (kW)                           | X                             | 25                     | 30                     | 36                     | 36                       | 42                      |                        |
| Luftvolumenstrom/Air flow volume<br>(freiblasend/free-blowing, m <sup>3</sup> /h) | 6660                          | 4440                   | 6660                   | 6660                   | 6660                     | 6660                    |                        |
| Heizleistung/Heating capacity (kW)                                                | 40                            | 40                     | 40                     | 40                     | X                        | 40                      |                        |
| Max. Betriebstemperatur/Max. operating<br>temperature (°C)                        | X                             | 55                     | 55                     | 55                     | 55                       | 55                      |                        |
| Max. Stromaufnahme/<br>Power consumption                                          | 62A                           | 72A                    | 99A                    | 99A                    | 99A                      | 99A                     | 62A                    |
| Kompressor/Compressor (m <sup>3</sup> )                                           | X                             | 470                    | 470                    | 650                    | 650                      | 650                     | X                      |
| Kältemittel (FCKW-frei)/<br>Refrigerant (CFC-free)                                | X                             | R134A                  | R134A                  | R134A                  | R134A                    | R134A                   | R134A                  |
| Gewicht/Weight (kg)                                                               | 95                            | 121                    | 124                    | 129                    | 125                      | 129                     | 114                    |
| Abmessungen LxBxH/<br>Dimensions LxWxH (mm)                                       | 2.593 x 2.077 x<br>215        | 2.593 x 2.077 x<br>215 | 2.593 x 2.077 x<br>215 | 2.593 x 2.077 x<br>216 | 2.593 x 2.077 x<br>217   | 2.593 x 2.077 x<br>218  | 2.593 x 2.077 x<br>219 |

<sup>1)</sup> REVO HV, Heating-Ventilation Version (ohne Kühlfunktion)/(without cooling function)

## Inhalt/Content:

|                                                            |               |
|------------------------------------------------------------|---------------|
| Überblick Aufbau / overview design                         | Bild/fig. 1   |
| Haube/Cover                                                | Bild/fig. 2   |
| Verflüssiger / Axialgebläse / condenser / axial fan        | Bild/fig. 3   |
| Kältemittelsammler / refrigerant receiver                  | Bild/fig. 4   |
| Verrohrung / piping                                        | Bild/fig. 5   |
| Verrohrung / piping                                        | Bild/fig. 6   |
| Verrohrung / piping                                        | Bild/fig. 7   |
| Heizteil / Verdampfer / heating element / evaporator       | Bild/fig. 8   |
| Elektrik / electrics                                       | Bild/fig. 9   |
| Normteile, Halbzeuge / standard parts, semi-finished parts | Seite/page 13 |

### Notwendige Angaben zur schnellen Ersatzteilermittlung: Required data for quick spare part identification:

- Klimaanlage typ: z.B. REVO 360 /  
- A/C unit model: e.g. REVO 360
- Identnummer: z.B. 11115784A  
- ID: e.g. 11115784A
- Produktionsdatum: z.B. 20141024/  
- Date of production: e.g. 20141024
- Seriennr.: z.B. 14182756/  
- Serial no.: e.g. 14182756

Hinweis: Die Position des Typschildes ist aus Bild 1 auf Seite 4 (Pos. 21) ersichtlich.

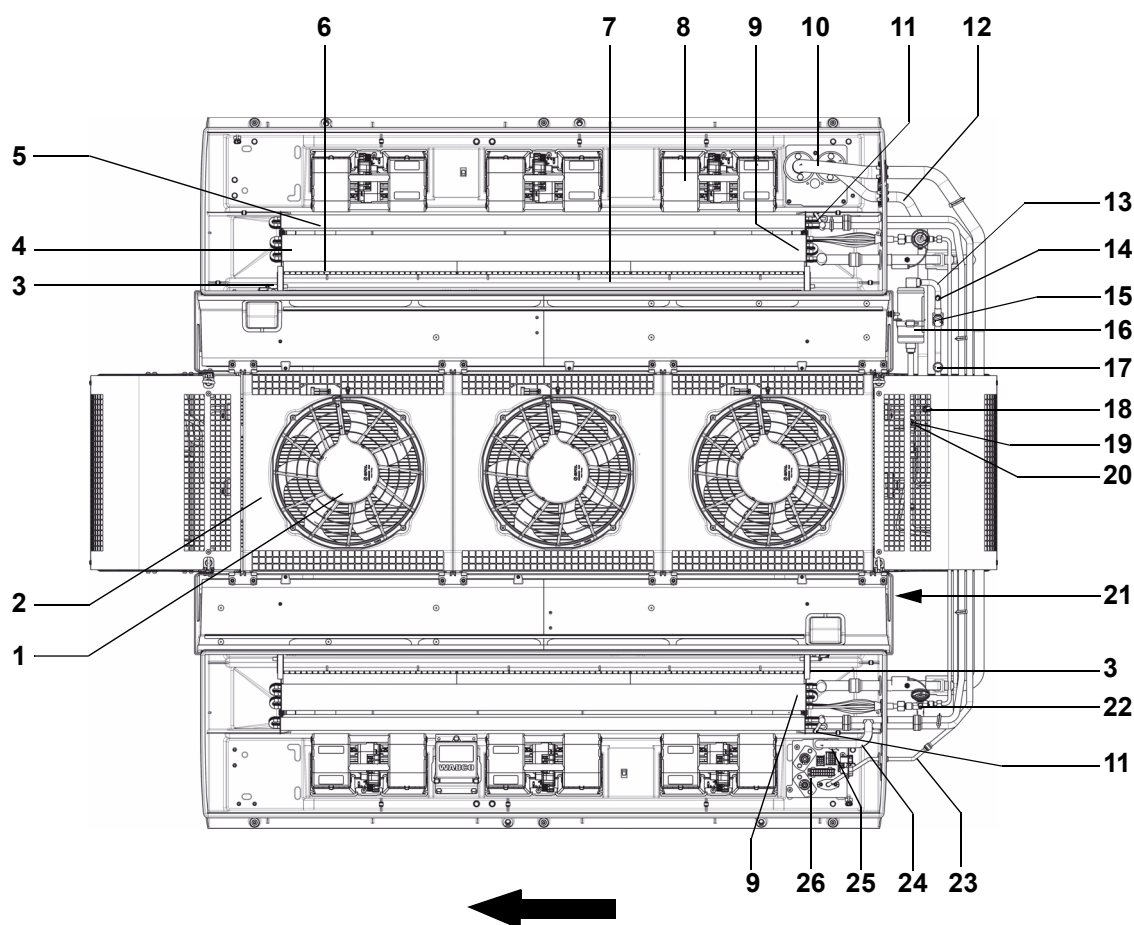
Note: For model plate position, refer to fig. 1 on page 4 (item 21).

|                                                                                      |                                                       |
|--------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>SPHEROS</b> (E1) 10R - 05 6176                                                    |                                                       |
| Made in Germany                                                                      |                                                       |
| Model<br>Spheros ID<br>Customer ID                                                   | REVO 360<br>11115784A                                 |
| P COOLING / P HEATING<br>VOLTAGE<br>REFRIGERANT / OIL TYPE                           | 32KW / 38KW<br>24V<br>R134a / Ester<br>Water / Glycol |
| MAX. PRESSURE / A/C-H                                                                | 25 bar / 2 bar                                        |
| Serial No./Date of Prod.                                                             | 14182756 20141024                                     |
|  |                                                       |
| Year of Initiating                                                                   | 2026 2027 2028                                        |

Hinweis: Beim Eintrag „Service Info“ in der Spalte Bemerkungen, siehe auch Serviceinformation „Reparaturanweisung REVO“, Spheros Service-Koffer (LOKRING) (Pos. 119 notwendig).

Note: If the entry “Service Info” is in the column Remarks, see also service information “REVO Repair instruction”, Spheros service case (LOKRING) (item 119 required).

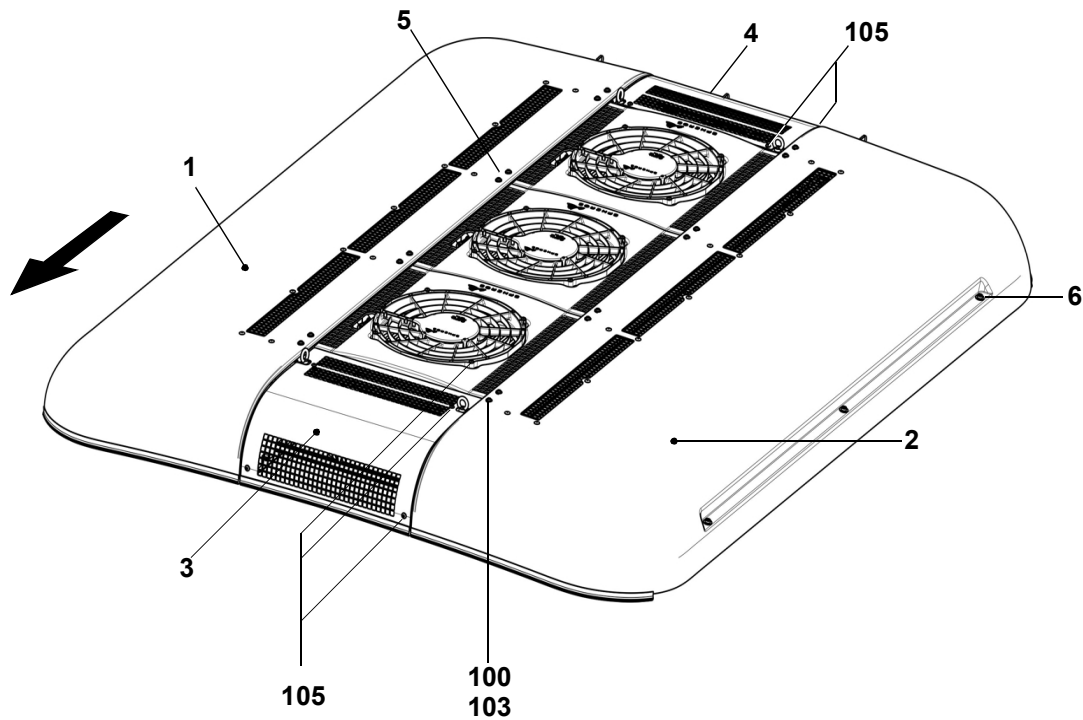
## Überblick Aufbau / overview design - Bild 1/fig. 1



- |                                                           |                                                 |                                                      |                                                 |
|-----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| 1 Lüfter, Verflüssiger                                    | 18 Sicherheitsventil, 30 bar                    | 1 fan, condenser                                     | 19 sight glas                                   |
| 2 Verflüssiger                                            | 19 Schauglas                                    | 2 condenser                                          | 20 solenoid valve                               |
| 3 Stellmotor, Klappe, Frischluft/Umluft                   | 20 Magnetventil                                 | 3 actuation motor, flap, fresh air / circulating air | 21 model plate                                  |
| 4 Verdampfer                                              | 21 Typschild                                    | 4 evaporator                                         | 22 expansion valve                              |
| 5 Wärmetauscher                                           | 22 Expansionsventil                             | 5 heat exchanger                                     | 23 frontbox pipe                                |
| 6 Filter, Frischluft / Umluft                             | 23 Frontboxleitung                              | 6 filter, fresh air / circulating air                | 24 water return                                 |
| 7 Temperatursensor, Fahr-<br>gastraum (verdeckt)          | 24 Wasserrücklauf                               | 7 temperature sensor, pax<br>compartment (hidden)    | 25 Water feed flow                              |
| 8 Gebläse, Verdampfer                                     | 25 Wasservorlauf                                | 8 fan, evaporator                                    | 26 elektrische Schnittstelle<br>mit Sicherungen |
| 9 Eissensor                                               | 26 Elektrische Schnittstelle<br>mit Sicherungen | 9 ice sensor                                         |                                                 |
| 10 Saugleitung                                            |                                                 | 10 suction line                                      |                                                 |
| 11 Entlüftungsventil, Wärme-<br>tauscher                  |                                                 | 11 vent valve, heat exchanger                        |                                                 |
| 12 Druckleitung                                           |                                                 | 12 pressure line                                     |                                                 |
| 13 Kältemittelleitung, Filter-<br>trockner - Verflüssiger |                                                 | 13 refrigerant line, filter drier -<br>condenser     |                                                 |
| 14 Serviceanschluss                                       |                                                 | 14 service interface                                 |                                                 |
| 15 Serviceabsperrschieber                                 |                                                 | 15 service shut-off valve                            |                                                 |
| 16 Filtertrockner                                         |                                                 | 16 filter drier                                      |                                                 |
| 17 Druckschalter, Lüfter, Ver-<br>flüssiger (halb / voll) |                                                 | 17 pressure switch, fan,<br>condenser (50% / max.)   |                                                 |
|                                                           |                                                 | 18 safety valve, 30 bar                              |                                                 |

Normteile ab Pos. 100 siehe Seite 13  
Standard parts from item no. 100 - see page 13

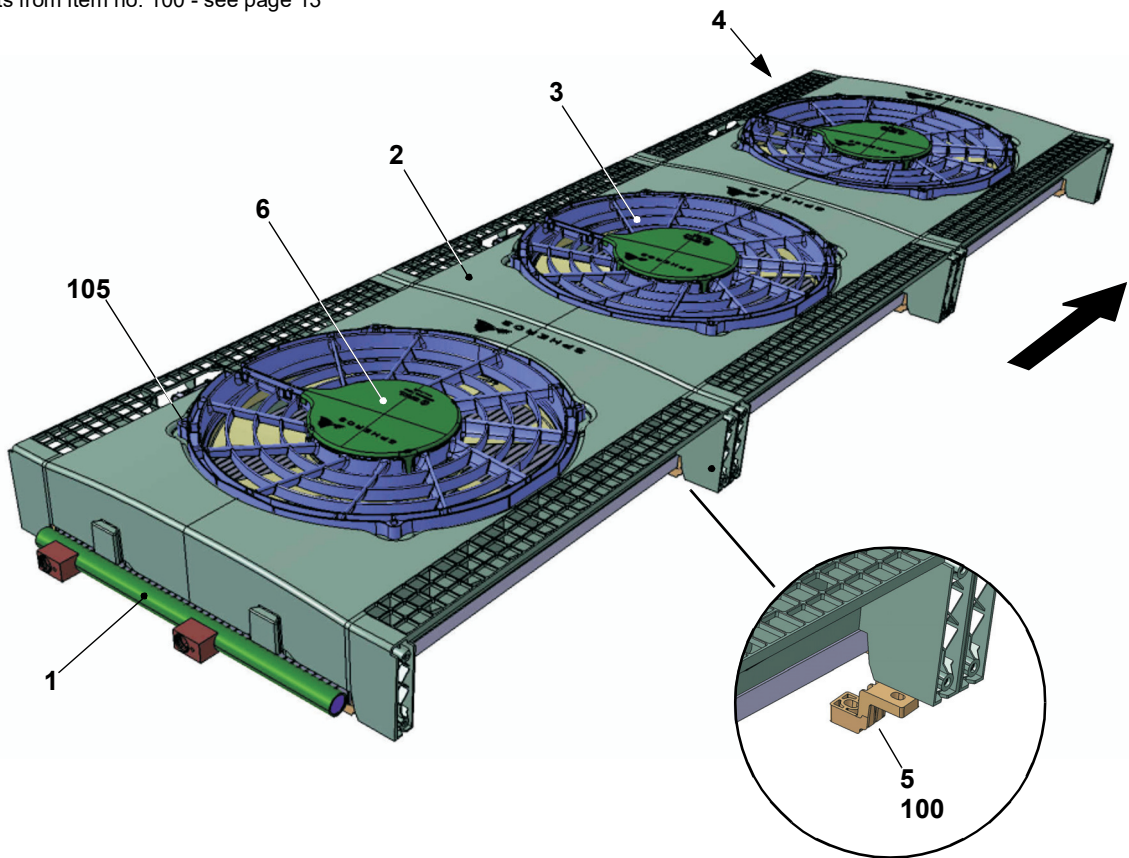
Bild 2/fig. 2



| Pos./<br>Item | Stück/<br>Quantity | Bestell-Nr./<br>Part. no. | Benennung                        | Description                    | Bemerkung/Remarks                                                                                                                                                                                                                  |
|---------------|--------------------|---------------------------|----------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOLO / ART    |                    |                           |                                  |                                |                                                                                                                                                                                                                                    |
| Haube / cover |                    |                           |                                  |                                |                                                                                                                                                                                                                                    |
| 1             | 1                  | 11115825A                 | Haube rechts, ZSB                | cover assy, RH                 | abhängig von der Aufbaurichtung / de-<br>pending on installation direction                                                                                                                                                         |
| 2             | 1                  | 11115824A                 | Haube links, ZSB                 | cover assy, LH                 |                                                                                                                                                                                                                                    |
| 3             | 1                  | 11115293C                 | Haube vorn/hinten                | cover, front/rear              |                                                                                                                                                                                                                                    |
| 4             | 1                  | 11115292C                 | Haube hinten                     | cover, rear                    |                                                                                                                                                                                                                                    |
| 5             | 8                  | 11115055C                 | Haubenscharnier                  | hinge, cover                   |                                                                                                                                                                                                                                    |
| 6             | 1                  | 11121596A                 | Haubenschrauben REVO<br>8x M8x25 | cover screws REVO<br>8ea M8x25 | Kit, enthält 8 Schrauben und Scheiben,<br>Schrauben mit 10Nm anziehen! /<br>Kit, contains 8 screws and washers,<br>Torque screws to 10Nm!<br> |

Normteile ab Pos. 100 siehe Seite 13  
Standard parts from item no. 100 - see page 13

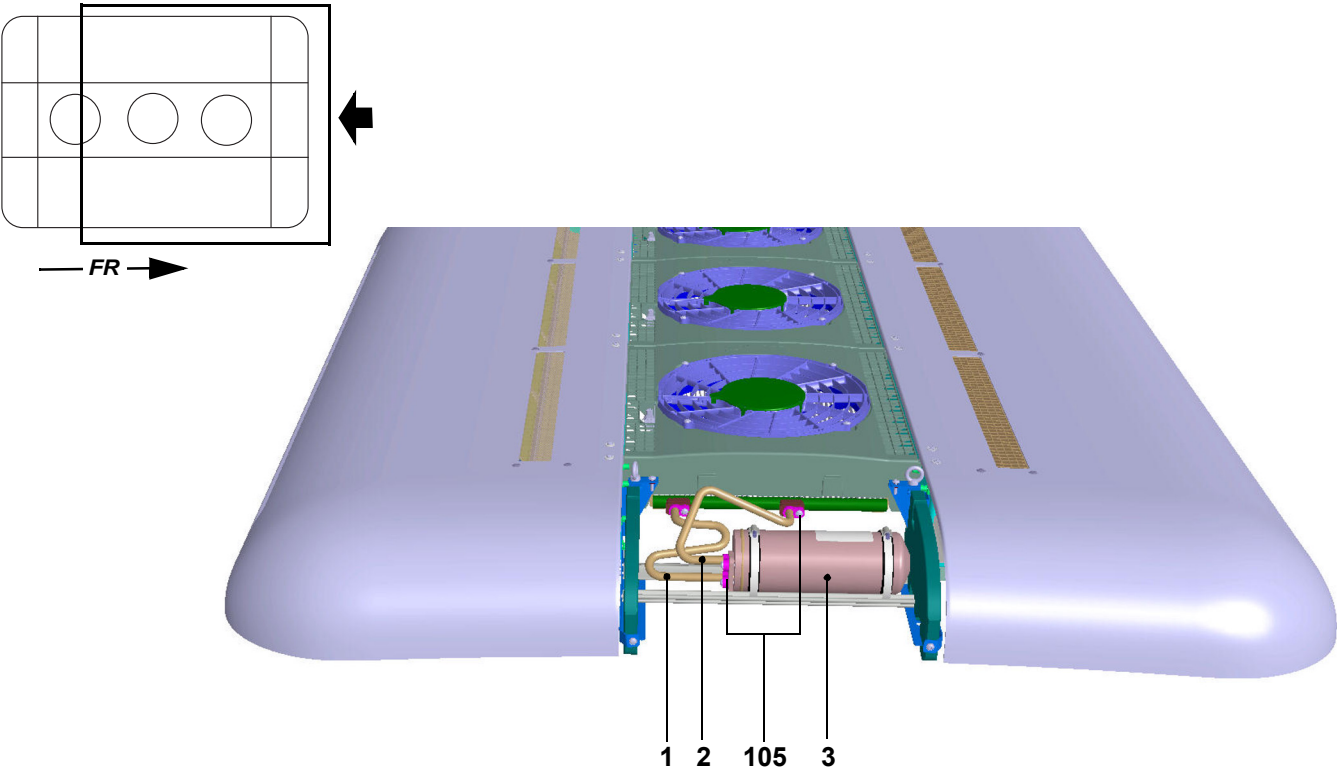
Bild 3/fig. 3



| Pos./<br>Item                                       | Stück/Quantity |             |              | Bestell-Nr./<br>Part. no. | Benennung                 | Description               | Bemerkung/Remarks                  |
|-----------------------------------------------------|----------------|-------------|--------------|---------------------------|---------------------------|---------------------------|------------------------------------|
|                                                     | 250            | 300/<br>360 | Slave/<br>HV |                           |                           |                           |                                    |
| Verflüssiger / Axialgebläse / condenser / axial fan |                |             |              |                           |                           |                           |                                    |
| 1                                                   | 1              | 1           | 1            | 11116915B                 | Verflüssiger, 1900 mm     | condenser, 1900 mm        |                                    |
| 2                                                   | 3              | 3           | 3            | 11114821A                 | Axialgebläsemodul, 600 mm | axial fan module, 600 mm  |                                    |
| 3                                                   | 2              | 3           | -            | 11122719B                 | Axialgebläse, 405 mm      | axial fan, 405 mm         | Ersatz für / replaces<br>11114716C |
| 4                                                   | 1              | 1           | 1            | 11115806B                 | Kabelbaum, Verflüssiger   | wiring harness, condenser |                                    |
| 5                                                   | 12             | 12          | 12           | 11114857C                 | Klammer, Verflüssiger     | clamp, condenser          |                                    |
| 6                                                   | 3              | 3           | 3            | 11119888A                 | Schutzkappe, Axialgebläse | protecting cap, axial fan |                                    |
| 7<br>no fig.                                        | 1              | 3           | 3            | 11116215A                 | Deckel, Gebläsemodul      | cover, fan module         |                                    |

Normteile ab Pos. 100 siehe Seite 13  
Standard parts from item no. 100 - see page 13

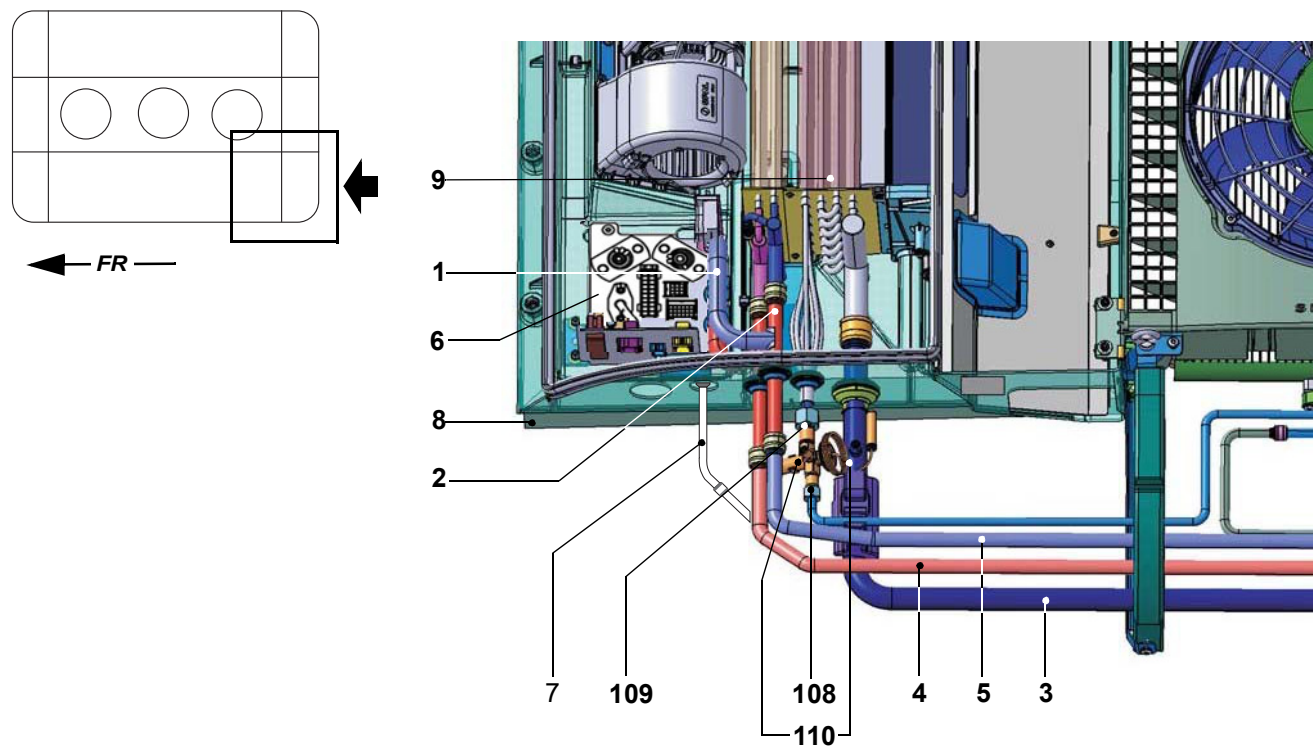
Bild 4/fig. 4



| Pos./<br>Item                                    | Stück/<br>Quantity | Bestell-Nr./<br>Part. no. | Benennung                                | Description                    | Bemerkung/Remarks                                                                          |
|--------------------------------------------------|--------------------|---------------------------|------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------|
|                                                  | 250/300/360        |                           |                                          |                                |                                                                                            |
| <b>Kältemittelsammler / refrigerant receiver</b> |                    |                           |                                          |                                |                                                                                            |
| 1                                                | 1                  | 11115777B                 | <b>Leitung,<br/>Sammler-Unterkühler</b>  | line,<br>receiver-super cooler | ab/from 03/2013<br>inkl. 2 O-Ringe, Pos. 112 / incl. 2 o-<br>rings, item 112               |
| 2                                                | 1                  | 11115776A                 | <b>Leitung,<br/>Verflüssiger-Sammler</b> | line,<br>condenser-receiver    | ab/from 03/2013<br>inkl. 2 O-Ringe, Pos. 112 / incl. 2 o-<br>rings, item 112               |
| 3                                                | 1                  | 11116914B                 | <b>Kältemittelsammler</b>                | refrigerant receiver           | ab/from 03/2013<br>2 O-Ringe, Pos. 112 mitbestellen /<br>order also 2<br>o-rings, item 112 |

Normteile ab Pos. 100 siehe Seite 13  
Standard parts from item no. 100 - see page 13

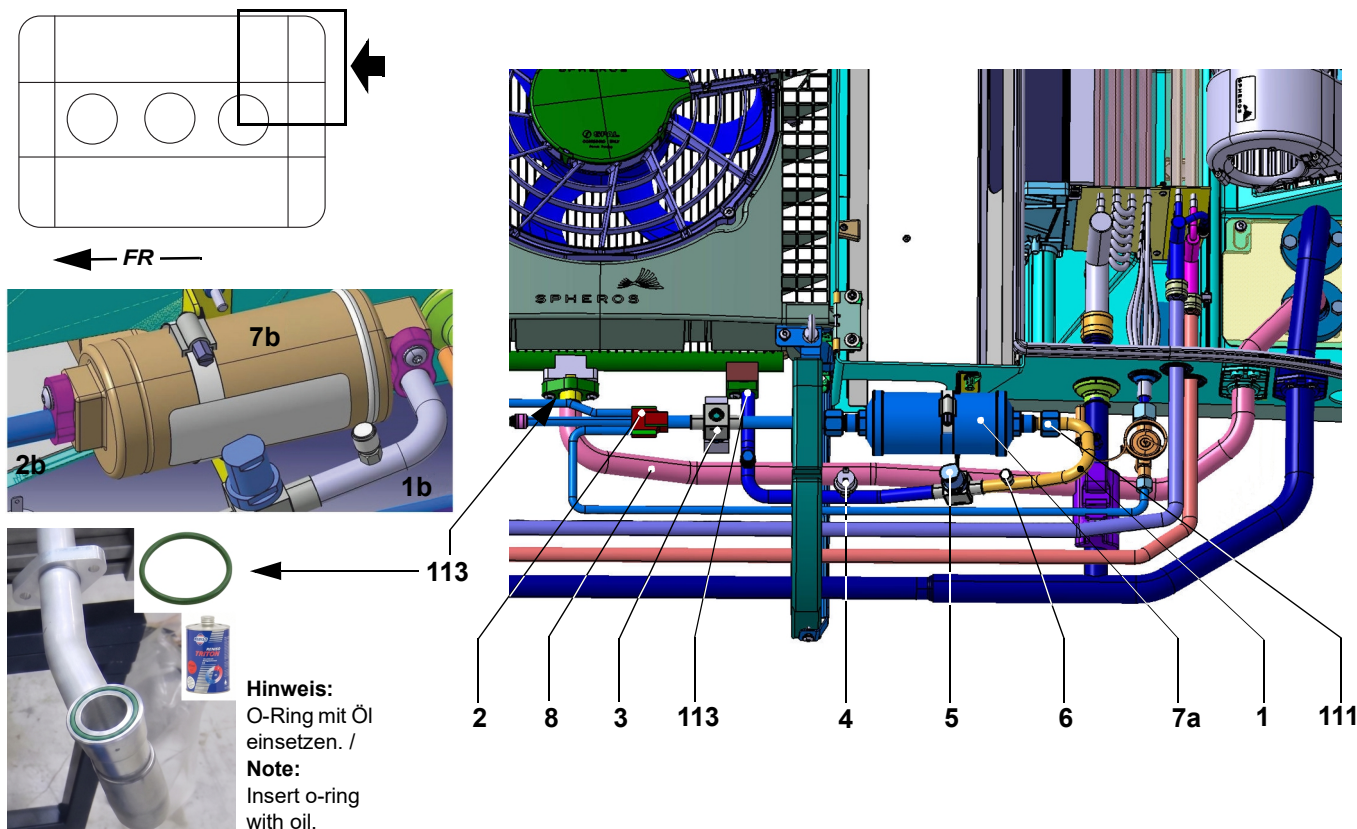
Bild 5/fig. 5



| Pos./Item           | Stück/Quantity |       |     | Bestell-Nr./Part. no. | Benennung                   | Description                     | Bemerkung/Remarks |
|---------------------|----------------|-------|-----|-----------------------|-----------------------------|---------------------------------|-------------------|
|                     | 250/300/360    | Slave | ART |                       |                             |                                 |                   |
| Verrohrung / piping |                |       |     |                       |                             |                                 |                   |
| 1                   |                | 1     | 2   | 11116466A             | Wasserleitung, Vorlauf      | waterline, feed flow            |                   |
| 2                   |                | 1     | 2   | 11116465A             | Wasserleitung, Rücklauf     | waterline, return               |                   |
| 3                   | 1              |       | 2   | 11115808C             | Saugleitung                 | suction line                    | Service Info      |
| 4                   |                | 1     | 2   | 11116464B             | Wasserrohr, D18, Vorlauf    | water pipe, D18, feed flow      |                   |
| 5                   |                | 1     | 2   | 11116463B             | Wasserrohr, D18, Rücklauf   | water pipe, D18, return         |                   |
| 6                   | 1              |       | 1   | 11117162B             | Kabelbaum inkl. Grundplatte | wiring harness incl. base plate |                   |
| 7                   | 1              |       | 1   | 11114510C             | Frontboxleitung             | front box pipe                  |                   |
| 8                   | 2              | 2     | 4   | 11115822B             | Armaflexrahmen              | Armaflex frame                  |                   |
| 9                   | 1              | 1     | 2   | 11151664A             | Eissensor                   | ice sensor                      | nicht / not HV    |
| 10<br>no fig.       | 4              | 4     | 8   | 11114970A             | Kondenswasserstutzen        | condensate stud                 |                   |
| 11<br>no fig.       | 1              |       | 2   | 88394B                | Steuerung, Stellmotor       | control device, actuator motor  |                   |

Normteile ab Pos. 100 siehe Seite 13  
Standard parts from item no. 100 - see page 13

**Bild 6/fig. 6**



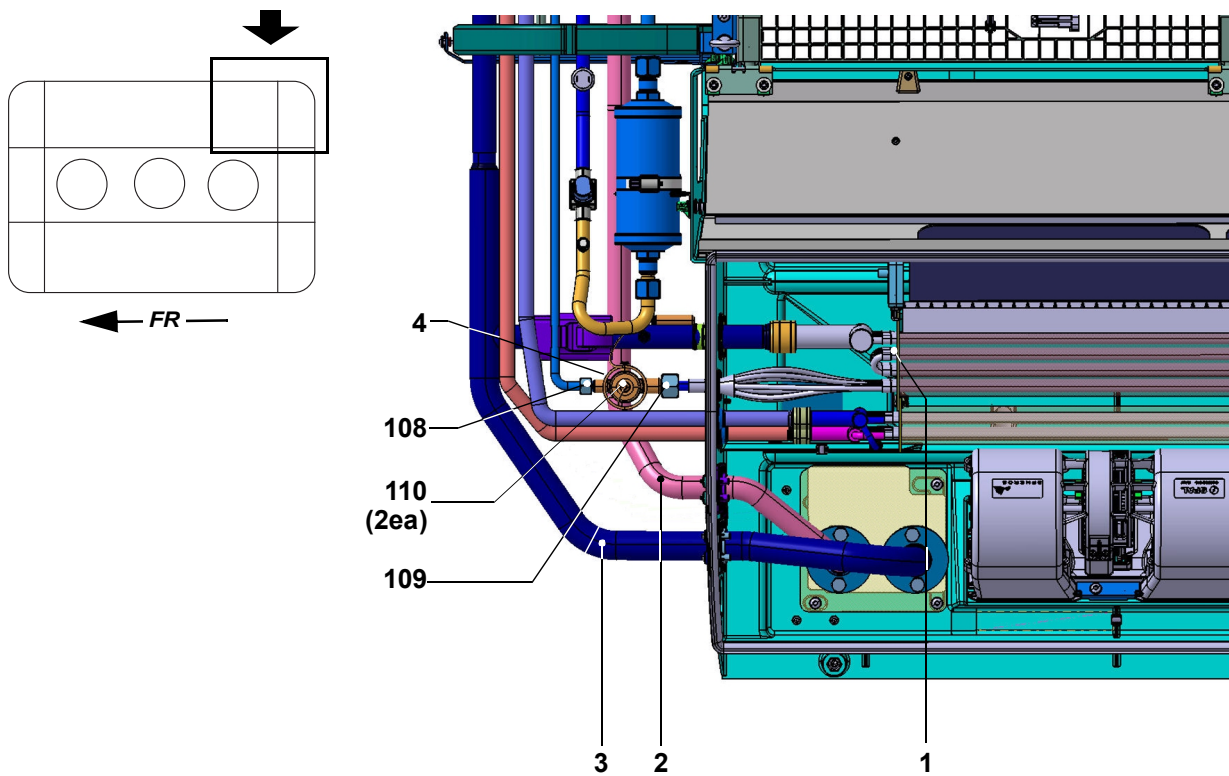
| Pos./Item | Stück/Quantity | Bestell-Nr./Part. no. | Benennung | Description | Bemerkung/Remarks |
|-----------|----------------|-----------------------|-----------|-------------|-------------------|
|           | 250/300/360    | ART                   |           |             |                   |

## Verrohrung / piping

|    |   |   |           |                                           |                               |                                                                                                                                   |
|----|---|---|-----------|-------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1a | 1 | 2 | 11116917A | <b>Leitung, Verflüssiger-Trockner</b>     | line, condenser-drier         | inkl. O-Ringe, Pos. 111, 113 / incl. o-rings, items 111, 113                                                                      |
| 1b | 1 | 2 | 11121673A | <b>Leitung, Verflüssiger-Trockner SMA</b> | line, condenser-drier SMA     | ab / from 2016                                                                                                                    |
| 2a | 1 | 2 | 11125994A | <b>Flüssigkeitsleitung</b>                | liquid line                   | <a href="#">Service Info</a><br>nicht / not Slave                                                                                 |
| 2b | 1 | 2 | 11121674A | <b>Flüssigkeitsleitung SMA Anschluss</b>  | liquid line<br>SMA Connection | ab / from 2016<br>nicht / not Slave                                                                                               |
| 3  | 1 | 2 | 1103673B  | <b>Einsatz, Magnetventil</b>              | insert, solenoid valve        |                                                                                                                                   |
| 3  | 1 | 2 | 1102620B  | <b>Spule, Magnetventil</b>                | coil, solenoid valve          |                                                                                                                                   |
| 4  | 1 | 2 | 11114982C | <b>Druckschalter</b>                      | pressure switch               |                                                                                                                                   |
| 5  | 1 | 2 | 1103672D  | <b>Absperrventil</b>                      | shut-off valve                |                                                                                                                                   |
| 6a | 1 | 2 | 1100951A  | <b>Überdruckventil</b>                    | over pressure switch          |                                                                                                                                   |
| 6b | 1 | 2 | 11125858A | <b>Überdruckventil</b>                    | over pressure switch          | ab / from 05/2018<br>O-Ring mitbest., Pos. 114 / or<br>order also o-ring, item 114                                                |
| 7a | 1 | 2 | 11117544A | <b>Filtertrockner-Kit</b>                 | filter drier kit              | inkl. 2 O-Ringe, Pos. 111 /<br>incl. 2 o-rings, item 111                                                                          |
| 7b | 1 | 2 | 11123222A | <b>Filtertrockner-Kit</b>                 | filter drier kit              | ab / from 2016<br>inkl. 2 O-Ringe, Pos. 112 /<br>incl. 2 o-rings, item 112                                                        |
| 8  | 1 | 2 | 11115807B | <b>Druckleitung</b>                       | pressure line                 | nicht / not HV<br><b>Hinweis:</b><br>O-Ring, Pos. 113 mit Öl<br>einsetzen. /<br><b>Note:</b><br>Insert o-ring, item 113 with oil. |

Normteile ab Pos. 100 siehe Seite 13  
Standard parts from item no. 100 - see page 13

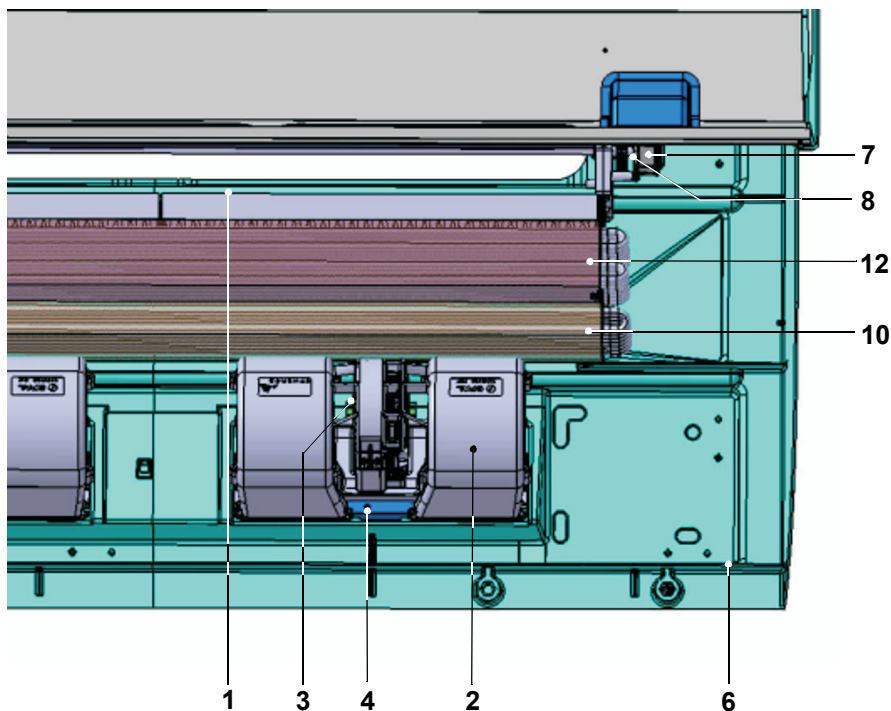
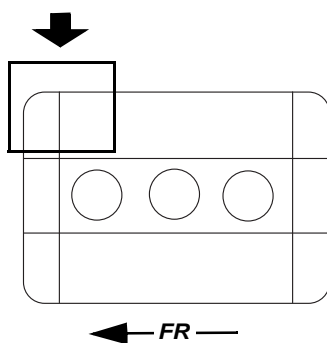
Bild 7/fig. 7



| Pos./Item           | Stück/Quantity<br>250/300/360/<br>ART | Bestell-Nr./Part. no. | Benennung                    | Description                  | Bemerkung/Remarks |
|---------------------|---------------------------------------|-----------------------|------------------------------|------------------------------|-------------------|
| Verrohrung / piping |                                       |                       |                              |                              |                   |
| 1                   |                                       |                       | Thermostat, Vereisungsschutz | thermostat, icing protection |                   |
| 2                   | 1                                     | 11115807B             | Druckleitung                 | pressure line                | nicht / not HV    |
| 3                   | 1                                     | 11115808C             | Saugleitung                  | suction line                 | nicht / not HV    |
| 4                   | 2                                     | 1103579A              | Expansionsventil             | expansion valve              |                   |

Normteile ab Pos. 100 siehe Seite 13  
Standard parts from item no. 100 - see page 13

**Bild 8/fig. 8**



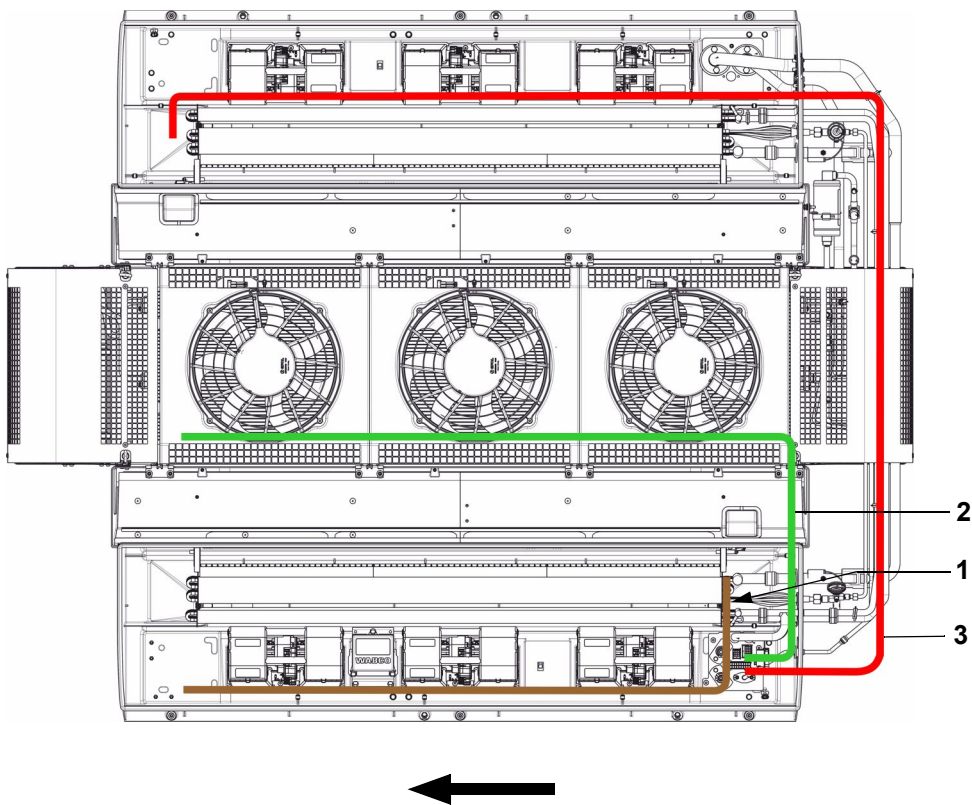
| Pos./<br>Item | Stück/Quan-<br>tity       | Bestell-Nr./<br>Part. no. | Benennung | Description | Bemerkung/Remarks |
|---------------|---------------------------|---------------------------|-----------|-------------|-------------------|
|               | 250/300/360/<br>ART/SLAVE |                           |           |             |                   |

**Heizteil / Verdampfer / heating element / evaporator**

|               |                                            |           |                                 |                             |                                                          |
|---------------|--------------------------------------------|-----------|---------------------------------|-----------------------------|----------------------------------------------------------|
| 1.            | 1                                          | 11117394A | <b>Luftfilter-Kit REVO</b>      | air filter kit REVO         | 6 Stk. im Karton / 6 ea per box                          |
| 2             | 250/300 -> 4<br>360/ART -> 6<br>Slave -> 4 | 11120703B | <b>Gebläse, Doppelradial</b>    | fan, double radial          | Ersatz für / replaces<br>11114118_, 11112674_, 11118980_ |
| 3             | 12                                         | 11115298B | <b>Klammer, Gebläse, hinten</b> | clamp, fan, rear            |                                                          |
| 4             | 6                                          | 11115299A | <b>Klemmleiste, Gebläse</b>     | terminal row, fan           |                                                          |
| 5<br>no fig.  | 2                                          | 11115617B | <b>Haubenstange</b>             | cover support rod           |                                                          |
| 6             | 5 m                                        | 11115639A | <b>Dichtprofil (pro Haube)</b>  | sealing profile (per cover) | in Meter / in meters                                     |
| 7             | 2                                          | 1104166C  | <b>Stellmotor</b>               | actuator motor              |                                                          |
| 8             | 2                                          | 1102050B  | <b>Klappendämpfer</b>           | flap damper                 |                                                          |
| 9<br>no fig.  | 1                                          | 11114352D | <b>Heizteil, links</b>          | heating element, LH         |                                                          |
| 10            | 1                                          | 11114311D | <b>Heizteil, rechts</b>         | heating element, RH         |                                                          |
| 11<br>no fig. | 1                                          | 11114349E | <b>Verdampfer, links</b>        | evaporator, LH              | nicht / not HV                                           |
| 12            | 1                                          | 11114350E | <b>Verdampfer, rechts</b>       | evaporator, RH              | nicht / not HV                                           |

Normteile ab Pos. 100 siehe Seite 13  
Standard parts from item no. 100 - see page 13

Bild 9/fig. 9



| Pos./<br>Item        | Stück/Quan-<br>tity | Bestell-Nr./<br>Part. no. | Benennung                   | Description                       | Bemerkung/Remarks                       |
|----------------------|---------------------|---------------------------|-----------------------------|-----------------------------------|-----------------------------------------|
|                      | 250/300/360/<br>ART |                           |                             |                                   |                                         |
| Elektrik / electrics |                     |                           |                             |                                   |                                         |
| 1                    | 1                   | 11117162B                 | KBB li REVO 320/360 Wabko   | wiring harness REVO Wabko         | inkl. Grundplatte /<br>incl. base plate |
| 2                    | 1                   | 11115806B                 | KBB Verflüssiger REVO links | wiring harness condenser REVO LH  |                                         |
| 3                    | 1                   | 11115804B                 | KBB REVO, rechts, Gebläse   | wiring harness REVO 360 RH<br>fan |                                         |

| Pos./Item                                                   | Stück/Quantity |      |     | Bestell-Nr./Part. no. | Benennung                            | Description                          | Bemerkung/Remarks                                                                                |
|-------------------------------------------------------------|----------------|------|-----|-----------------------|--------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------|
|                                                             | 36kW           | 40kW | ART |                       |                                      |                                      |                                                                                                  |
| Normteile / Halbzeuge / Standard parts, semi-finished parts |                |      |     |                       |                                      |                                      |                                                                                                  |
| 100                                                         |                |      |     | 11115529B             | Schraube, Typ DS WN5451, 60x22       | screw, type DS WN5451, 60x22         |                                                                                                  |
| 101                                                         |                |      |     | 11115527A             | Schraube, Typ DS WN5451, 40x16       | screw, type DS WN5451, 40x16         |                                                                                                  |
| 102                                                         |                |      |     | 11115526A             | Schraube, Typ DS WN5451, 40x12       | screw, type DS WN5451, 40x12         |                                                                                                  |
| 103                                                         |                |      |     | 11115509A             | Clipmutter, 60x2,0x11                | clip nut, 60x2.0x11                  | in Verbindung mit Pos. 100 / together with item 100                                              |
| 104                                                         |                |      |     | 11115508A             | Clipmutter, 40x2,5x9                 | clip nut, 40x2.5x9                   | Verbindung Verdampfer/Heizteil / connection evaporator/heating element                           |
| 105                                                         |                |      |     | 11115563A             | Schraube Torx, M6x25                 | screw Torx head, M6x25               |                                                                                                  |
| 106                                                         |                |      |     | 11115683C             | Schraube M8x25 TX40 VA ISO14583      | screw M8x25 TX40 VA ISO14583         |                                                                                                  |
| 107                                                         |                |      |     | 11115684B             | Scheibe, 8.4x25x1.5 VA DIN522        | washer, 8.4x25x1.5 VA DIN522         | wird zus. mit Pos. 106 verbaut / installed together with item 106                                |
| 108                                                         |                |      |     | 80812A                | O-Ring, 7.65 x 1.78, R134A-beständig | O-Ring, 7.65 x 1.78, R134A-resistant | zw. Expansionsventil u. Flüssigkeitsleitg. / btw. expansion valve a. liquid line                 |
| 109                                                         |                |      |     | 80640A                | O-Ring, 10.6 x 1.78, R134A-beständig | O-Ring, 10.6 x 1.78, R134A-resistant | zw. Expansionsventil u. Rohr vom WT / btw. expansion valve a. pipe from heat exchanger           |
| 110                                                         |                |      |     | 1103522B              | O-Ring, 4.48 x 1.78, R134A-beständig | O-Ring, 4.48 x 1.78, R134A-resistant | zw. Expansionsventil u. Ausgleichsleitg. 2x / btw. expansion valve a. compensation line, 2 times |
| 111                                                         |                |      |     | 80641A                | O-Ring, 14 x 1.78, R134A-beständig   | O-Ring, 14 x 1.78, R134A-resistant   | drier                                                                                            |
| 112                                                         |                |      |     | 11117038A             | O-Ring, 11 x 2.5, R134A-beständig    | O-Ring, 14 x 1.78, R134A-resistant   | zw. Rohrgruppe u. Sammler / btw. pipe groups a. receiver                                         |
| 113                                                         |                |      |     | 69052A                | O-Ring, 26 x 2, R134A-beständig      | O-Ring, 14 x 1.78, R134A-resistant   | zw. Verflüssigeranschl. u. Leitg. Verfl.-Trockner / btw. condenser a. condenser - drier line     |
| 114                                                         |                |      |     | 11125860A             | O-Ring, 8.55 x 1.75, R134A-beständig | O-Ring, 8.55 x 1.75, R134A-resistant | Überdruckventil ab / from 05/2018                                                                |
| 115 - 117                                                   |                |      |     |                       |                                      |                                      |                                                                                                  |
| 118 no fig.                                                 |                |      |     | 11121596A             | Haubenschrauben REVO 8x M8x25        | cover screws REVO 8ea M8x25          | Kit, enthält Pos. 106 u. 107 / kit, contains item 106 and 107                                    |
| 119 no fig.                                                 |                |      |     | 11117080A             | Spheros Service-Koffer (LOKRING)     | Spheros service case (LOKRING)       |                                                                                                  |
| 120 no fig.                                                 |                |      |     | 11116888A             | LOKRING Kupplung, Ø 12               | LOKRING coupling, Ø 12               |                                                                                                  |
| 121 no fig.                                                 |                |      |     | 11117849A             | LOKRING Kupplung, Ø 16               | LOKRING coupling, Ø 16               |                                                                                                  |
| 122 no fig.                                                 |                |      |     | 11116889A             | LOKRING Kupplung, Ø 18               | LOKRING coupling, Ø 18               |                                                                                                  |
| 123 no fig.                                                 |                |      |     | 11116890A             | LOKRING Kupplung, Ø 28               | LOKRING coupling, Ø 28               |                                                                                                  |
| 124 no fig.                                                 |                |      |     | 11115842B             | LOKPREP 65G                          | LOKPREP 65G                          | Dichtmittel / sealing material, 15 ml                                                            |

Stückzahl nach Bedarf / Quantity as required

