



## PARTS & SERVICE

**Klima Sistemi**  
**Air conditioning system**

**Yedek Para Listesi**  
**Spare parts list**

**MIDISPHERE 180**

## İçerik / Content:

Genel Bakış / Overview	Sayfa/page 3
Genel Bakış / Overview	Resim / fig. 1
Kontrol Sistemi Komponentleri / system control components	Resim / fig. 2
Kapak / Cover	Resim / fig. 3
Evaporatör, Kondenser / evaporator,condenser	Resim / fig. 4
Borular / Piping	Resim / fig. 5
Isıtma Sistemi / Heating System	Resim / fig. 6
Temiz Hava Klapesi / fresh air flap	Resim / fig. 7
Elektrik Komponentleri / Electrical Components	Resim / fig. 8
Kablo Takımları / cable harness	Resim / fig. 9

### Hızlı yedek parça belirlemek için gerekli bilgiler: / Required data for quick spare part identification:


- Klima Tipi: Örnek- Midisphere 180 /
- A/C unit model: e.g. Midisphere 180
- Valeo-Ident No: Örnek 11142606A/  
Valeo ID: e.g. 11142606A
- Üreti Tarihi: Örnek 20161024/  
- Date of production: e.g. 20161024
- Seri No: Örnek 14182756/  
- Serial no.: e.g. 14182756

S P H E R O S		E1	10R - 05 7885
MADE IN TURKEY			
Model	Midisphere 180		
Spheros ID	11142606A		
Customer ID			
P COOLING / P HEATING	18 kW / - kW		
VOLTAGE	12 V		
REFRIGERANT / OIL TYPE	R134a / PAG		
COOLANT	Water / Glycol		
MAX. PRESSURE AC / HEATING	25 bar / - bar		
Serial No./Date of Prod.	00000000	00000000	
Year of Initiating 2016 2017 2018			

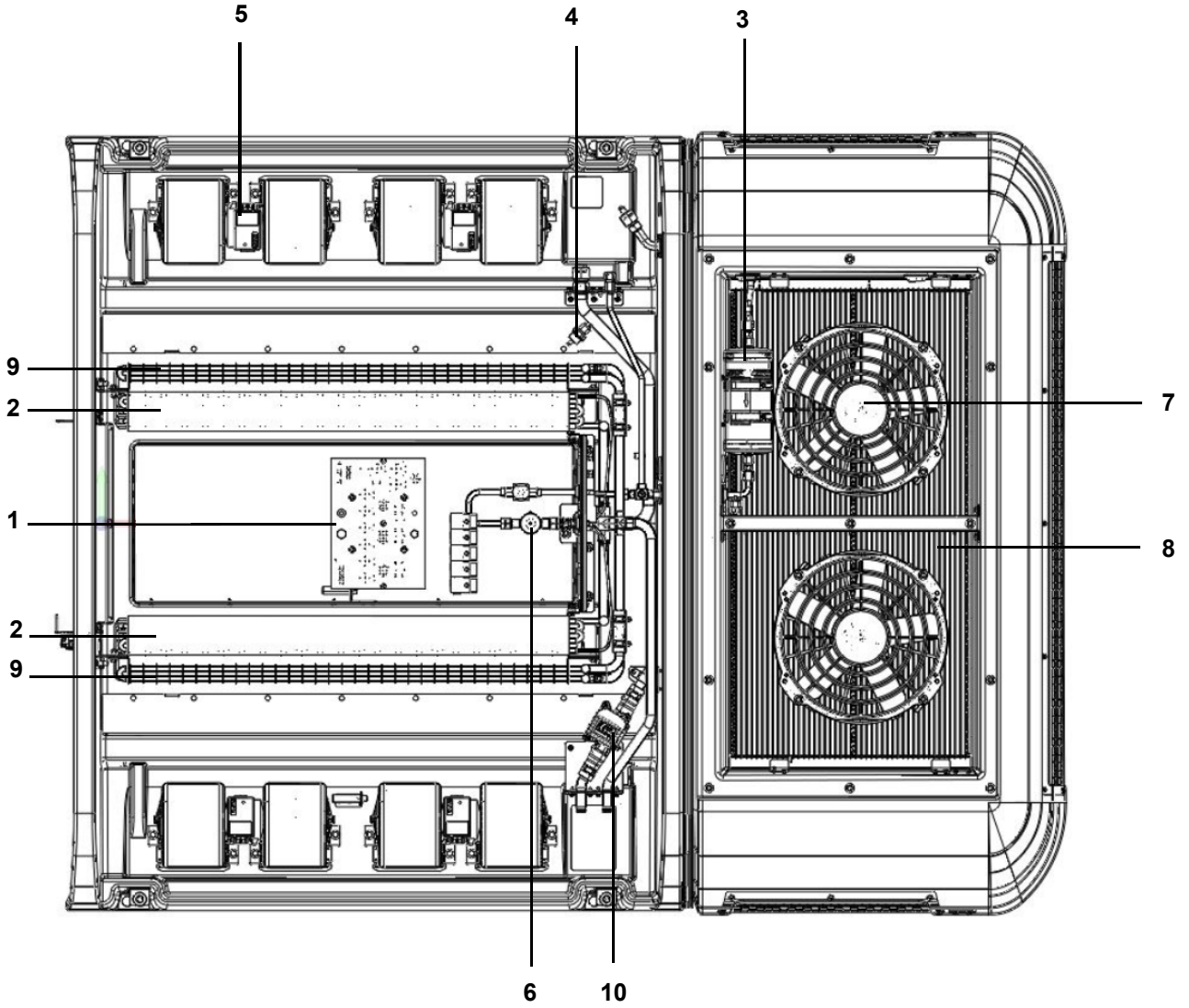
Not: Sağa girintili olan parça veya alt gruplar (noktalarla işaretlenmiş olanlar), bir noktadan daha az girintili olan montajlara dahil edilir  
Note: Sub-assemblies or components (marked by a point) - offset to the right - are contained in the assembly which is offset one point less.

Değişiklik yapma hakkı saklıdır. Bu yedek parça listesinin mevcut versiyonu <http://www.valeo-thermalbus.com/tr> adresinden indirilebilir. /  
Subject to modification. Latest version of this spare parts list is provided for download on <http://www.valeo-thermalbus.com/tr>

## Genel Bakış - Midisphere Varyantları / Overview - Midisphere variants

Midisphere	Varyant / Model	Özellikler / Features	Id. No.
	Midisphere 180 AC 12V	<ul style="list-style-type: none"> <li>• Sadece Soğutma</li> <li>• 12V</li> <li>• SR400</li> </ul>	11142606A
		<ul style="list-style-type: none"> <li>• Only Cooling</li> <li>• 12V</li> <li>• SR400</li> </ul>	
	Midisphere 180 AC 24V	<ul style="list-style-type: none"> <li>• Sadece Soğutma</li> <li>• 24V</li> <li>• SR400</li> </ul>	11141828B
		<ul style="list-style-type: none"> <li>• Only Cooling</li> <li>• 24V</li> <li>• SR400</li> </ul>	
	Midisphere 180 VAC 12V	<ul style="list-style-type: none"> <li>• Soğutma</li> <li>• Temiz Hava Klapesi</li> <li>• 12V</li> <li>• SR410</li> </ul>	11142607A
		<ul style="list-style-type: none"> <li>• Cooling</li> <li>• Fresh air</li> <li>• 12V</li> <li>• SR410</li> </ul>	
	Midisphere 180 VAC 24V	<ul style="list-style-type: none"> <li>• Soğutma</li> <li>• Temiz Hava Klapesi</li> <li>• 24V</li> <li>• SR410</li> </ul>	11142291B
		<ul style="list-style-type: none"> <li>• Cooling</li> <li>• Fresh air</li> <li>• 24V</li> <li>• SR410</li> </ul>	
Midisphere 180 HVAC 12V	<ul style="list-style-type: none"> <li>• Soğutma</li> <li>• Tavan Isıtma</li> <li>• Temiz Hava Klapesi</li> <li>• 12V</li> <li>• SR410</li> </ul>	11142608A	
	<ul style="list-style-type: none"> <li>• Cooling</li> <li>• Roof heating</li> <li>• Fresh air</li> <li>• 12V</li> <li>• SR410</li> </ul>		
Midisphere 180 HVAC 24V	<ul style="list-style-type: none"> <li>• Soğutma</li> <li>• Tavan Isıtma</li> <li>• Temiz Hava Klapesi</li> <li>• 24V</li> <li>• SR410</li> </ul>	11141779B	
	<ul style="list-style-type: none"> <li>• Cooling</li> <li>• Roof heating</li> <li>• Fresh air</li> <li>• 24V</li> <li>• SR410</li> </ul>		

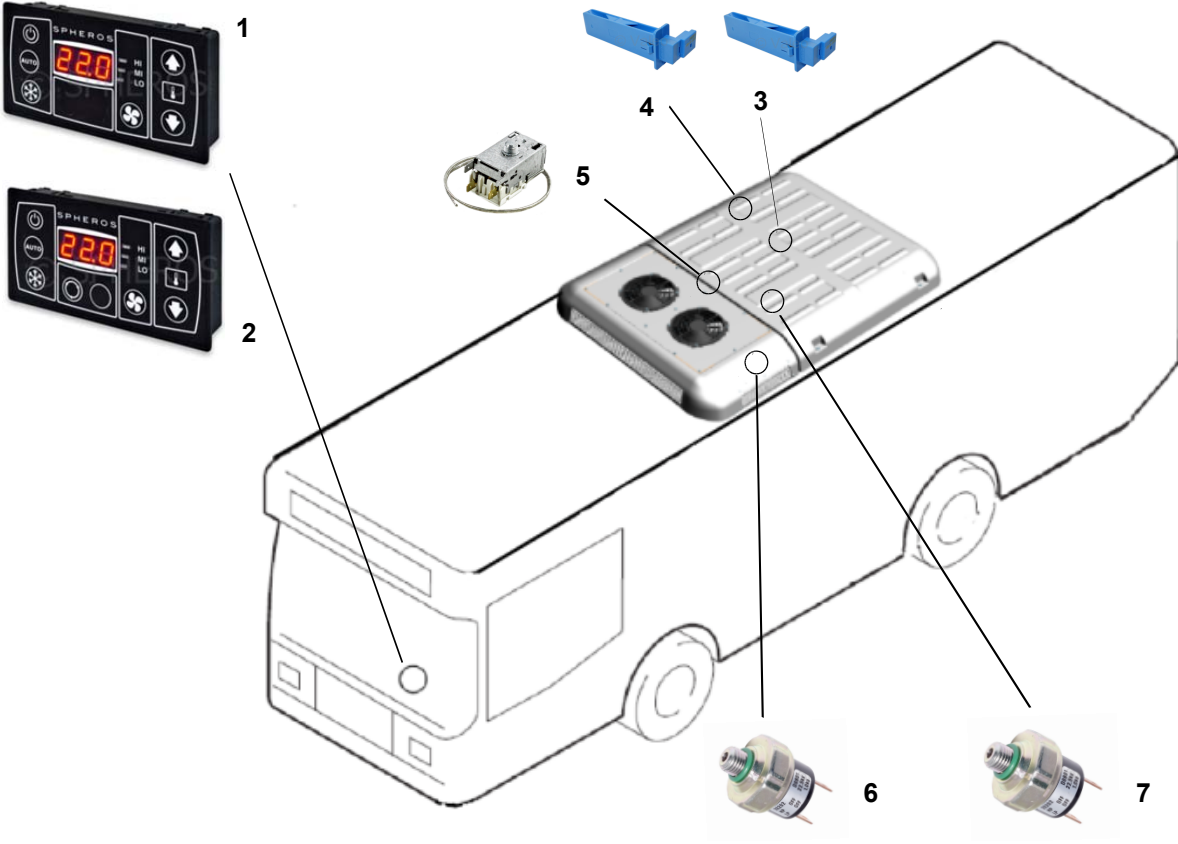
## Midisphere 180 - Resim/fig. 1



- 1 Rôle Bordu
- 2 Evaparator
- 3 Toplama Tankı / Kurutucu
- 4 Basınç Şalteri
- 5 Rdyal Fan
- 6 Ekspansiyon Ventili
- 7 Aksiyel Fan
- 8 Kondenser
- 9 Isıtma Peteği
- 10 Su Vanası

- 1 Relay Board
- 2 evaporator
- 3 collector-dryer
- 4 pressure switch
- 5 radial blower
- 6 expansion valve
- 7 axial fan, condenser
- 8 condenser
- 9 Heat exchanger
- 10 Water valve

## Midisphere 180 - Resim/fig. 2

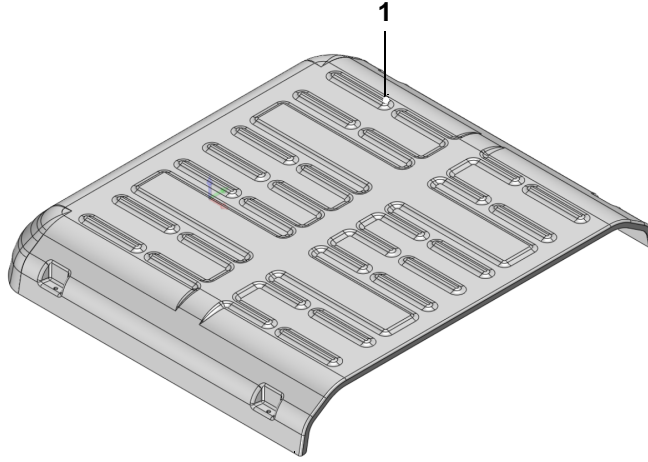
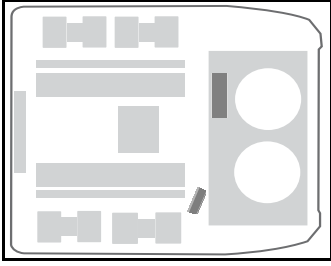


Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
	11142606A	11141828B	11142607A	11142291B	11142608A	11141779B				

### Kontrol Sistemi Komponentleri / system control components

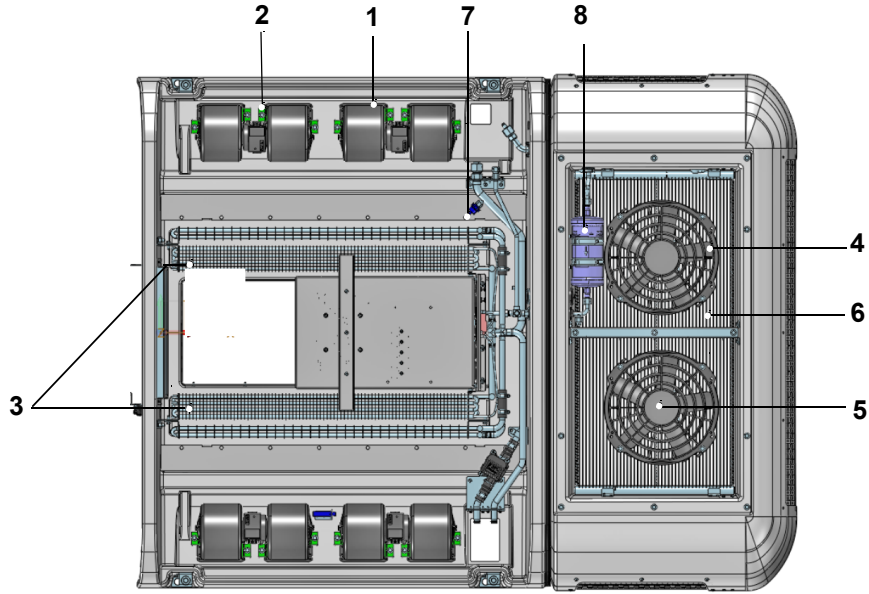
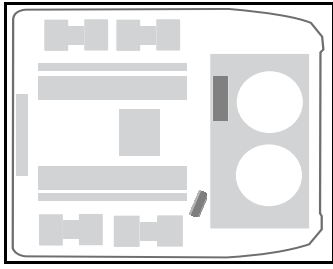
Poz./ Item	11142606A	11141828B	11142607A	11142291B	11142608A	11141779B	Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
1	1	1					11124111A	<b>Kumanda Paneli SC400</b>	control panel SC400	
2			1	1	1	1	11124112A	<b>Kumanda Paneli SC410</b>	control panel SC410	
3	1	1	1	1	1	1	11118005A	<b>Sıcaklık sensörü</b>	temperature sensor	
4					1	1	11118005A	<b>Sıcaklık sensörü</b>	temperature sensor	
5	1	1	1	1	1	1	1103377A	<b>Termostat somunlu</b>	thermostat with nut	
6	1	1	1	1	1	1	11122211A	<b>Basınç Şalteri YB 22,5 AB1,0</b>	pressure switch HP 22.5 LP1.0	Yüksek Basınç Müşürü
7	1	1	1	1	1	1	11122211A	<b>Basınç Şalteri YB 22,5 AB1,0</b>	pressure switch HP 22.5 LP1.0	Açık Basınç Müşürü

## Midisphere 180 - Resim/fig. 3



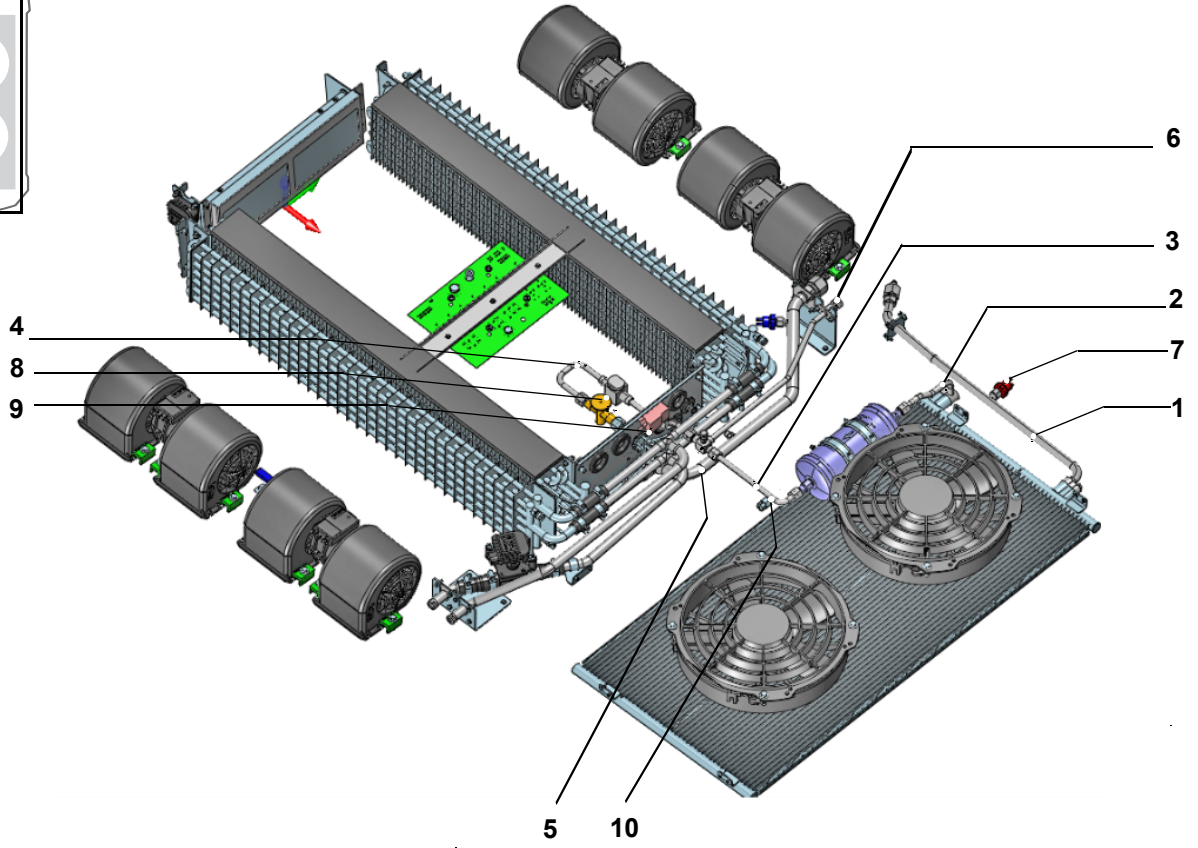
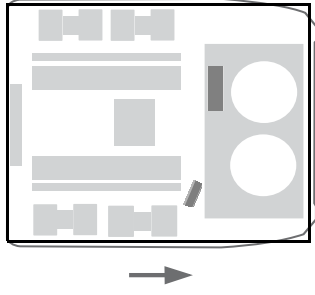
Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
	11142606A	11141828B	11142607A	11142291B	11142608A	11141779B				
<b>Kapak / Cover</b>										
1	1	1	1	1	1	1	11141991A	<b>Kapak Midisphere R25</b>	Cover Midisphere R25	

## Midisphere 180 - Resim/fig. 4



Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
	11142606A	11141828B	11142607A	11142291B	11142608A	11141779B				
<b>Evaporatör, Kondenser / evaporator,condenser</b>										
1	4		4		4		11122136A	<b>Çiftli Radyal Fan 12 V</b>	double radial blower 12 V	
1		4		4		4	11142450A	<b>Çiftli Radyal Fan 24 V</b>	double radial blower 24 V	
2	16	16	16	16	16	16	1102026C	<b>Fan Tespit Papucu</b>	clamp , blower	
3	1	1	1	1	1	1	11141833C	<b>Evaporatör Peteği - KPL</b>	coil evaporator - assy	
4	2		2		2		11121626A	<b>Aksiyel Fan 12V</b>	axial fan basic 12V	
4		2		2		2	11115081A	<b>Aksiyel Fan 24V</b>	axial fan basic 24V	
5	2	2	2	2	2	2	68055B	<b>Fan Koruyucu</b>	protection grid	
6	1	1	1	1	1	1	11120297A	<b>Kondenser Multiflow</b>	condenser Multiflow	
7	1	1	1	1	1	1	11122211A	<b>Basınç Şalteri YB 22,5 AB1,0</b>	pressure switch HP 22.5 LP1.0	
8	1	1	1	1	1	1	11121452B	<b>Toplama Tankı / Kurutucu 2l</b>	receiver-filter dryer 2l	

## Midisphere 180 - Resim/fig. 5



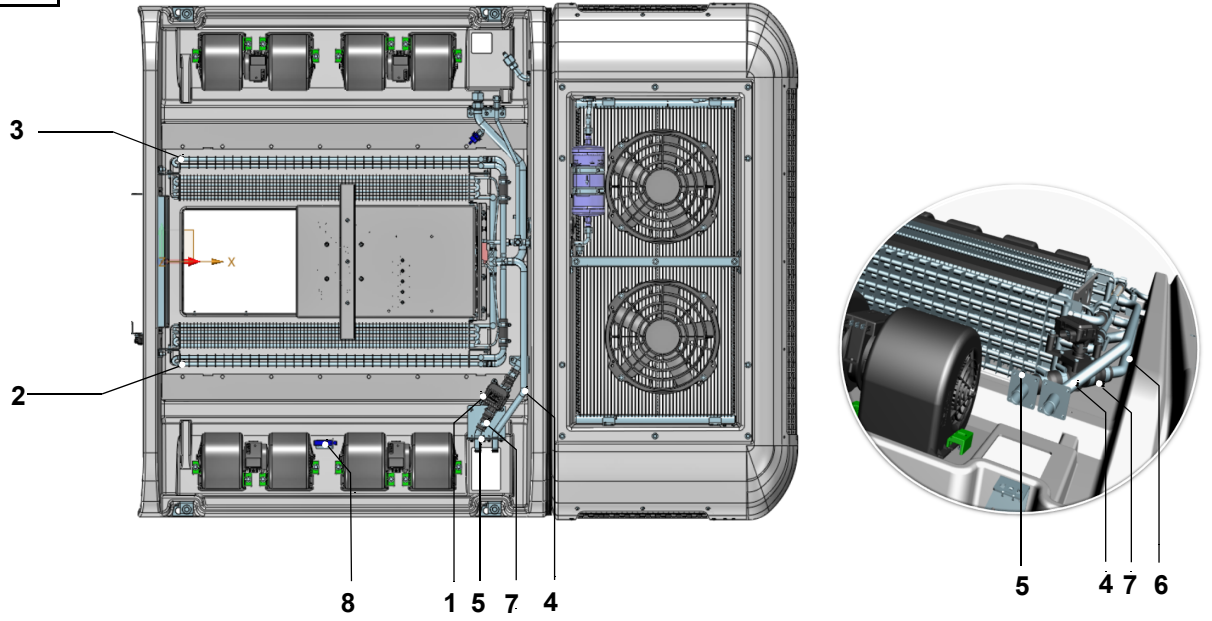
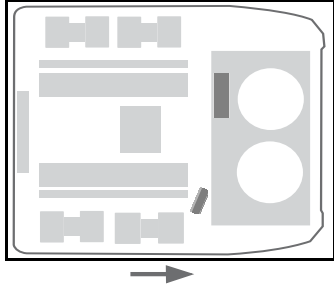
Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
	11142606A	11141828B	11142607A	11142291B	11142608A	11141778B				

### Borular / Piping

Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
1	1	1	1	1	1	1	11141804B	<b>Yüksek Basınç Boru Takımı</b>	high pressure pipe	
2	1	1	1	1	1	1	11141805A	<b>Kondenser-Kurutucu Boru Takımı</b>	condenser-dryer pipe	
3	1	1	1	1	1	1	11141806A	<b>Kurutucu Çıkış Boru Takımı</b>	dryer outlet pipe	
4	1	1	1	1	1	1	11141807A	<b>Ekspansiyon Ventil Giriş Boru Takımı</b>	inlet expansion valve	
5	1	1	1	1	1	1	11141808B	<b>Emiş Boru Takımı SOL</b>	Suction Pipe LH	
6	1	1	1	1	1	1	11141809B	<b>Frontbox Boru Takımı SOL</b>	Frontbox Pipe LH	
7	1	1	1	1	1	1	11122211A	<b>Basınç Şalteri HP 22,5 LP1,0</b>	pressure switch HP 22.5 LP1.0	
8	1	1	1	1	1	1	11138173A	<b>Ekspansiyon Ventili EWB-351</b>	expansion valve EWB-35M	
9	1	1	1	1	1	1	1103377A	<b>Termostat Somunlu</b>	thermostat with nut	
10	1	1	1	1	1	1	11125858A	<b>Basınç Tahliye Valfi</b>	pressure relief valve	



## Midisphere 180 - Resim/fig. 6

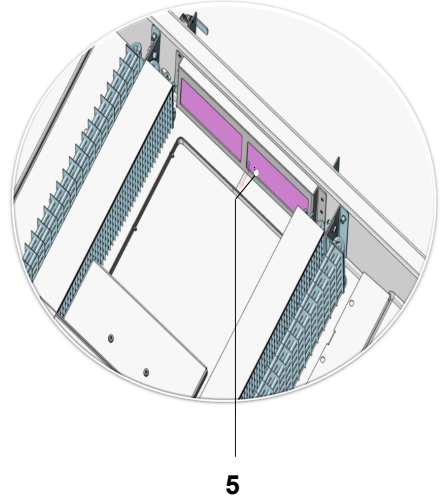
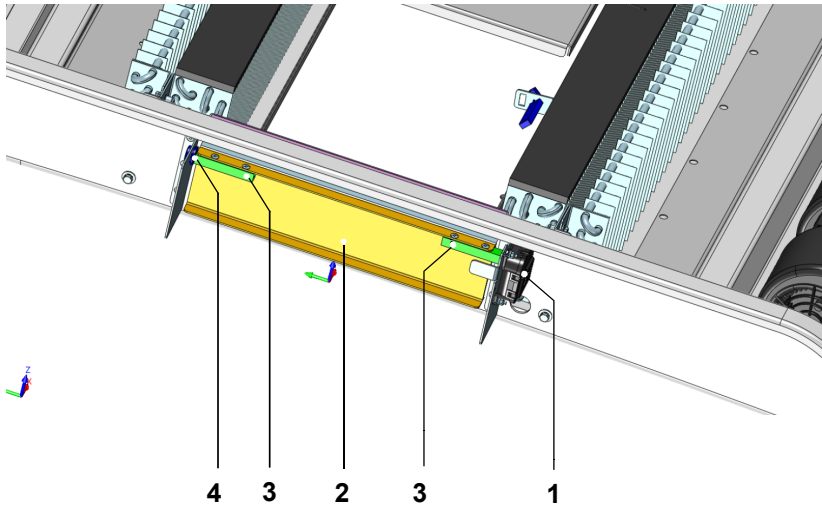
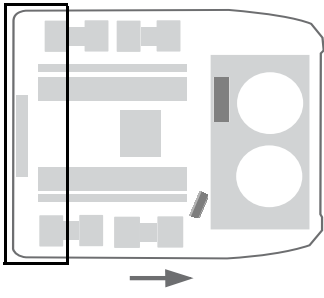


Poz./ Item	Miktar/Quantity / Midisphere 180	Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
	11142606A				
	11141828B				
	11142607A				
	11142291B				
	11142608A				
	11141779B				

### Isıtma Sistemi / Heating System

Poz./ Item	Miktar/Quantity	Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
1	1	11119966B	<b>Su Vanası 22/22 - 12V</b>	water valve 22/22 - 12V	
1	1	11119561C	<b>Su Vanası 22/22 - 24V</b>	water valve 22/22 - 24V	
2	1	11141785A	<b>Isıtma Peteği SAĞ</b>	heating coil RH	
3	1	11141786A	<b>Isıtma Peteği SOL</b>	heating coil LH	
4	1	11141812B	<b>Su Boru Takımı SAĞ (Çıkış)</b>	Pipe Assy. Water Outlet RH	
5	1	11141810B	<b>Su Boru Takımı SAĞ (Valf Giriş)</b>	Pipe Assy. Water Valve Inlet RH	
6	1	11143338A	<b>Su Boru Takımı SAĞ (Giriş)</b>	Pipe Assy. Water Inlet RH	
7	2	8402193A	<b>Adaptör Hortum</b>	Adaptor hose.7/8 Zoll-3/4 Zoll	
8	1	11118005A	<b>Sıcaklık sensörü</b>	temperature sensor	

## Midisphere 180 - Resim/fig. 7

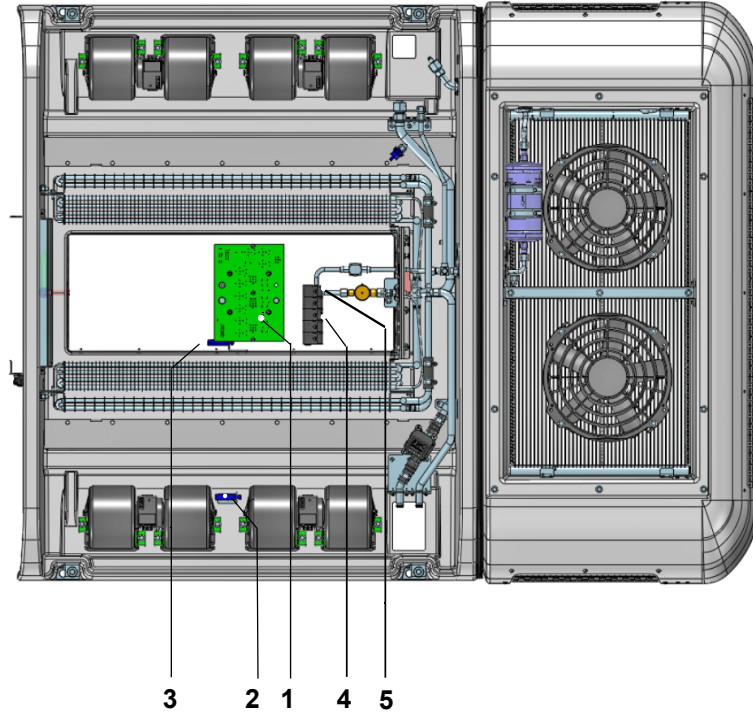
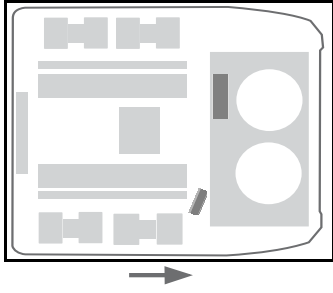


Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
	11142606A	11141828B	11142607A	11142291B	11142608A	11141799B				

### Temiz Hava Klapesi / fresh air flap

Poz./ Item	11142606A	11141828B	11142607A	11142291B	11142608A	11141799B	Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
1			1		1		11142632A	<b>Servomotor Standard 12 V</b>	servo motor standard 12 V	
1				1		1	11121648A	<b>Servomotor Standard 24 V</b>	servo motor standard 24 V	
2			1	1	1	1	11141801A	<b>Klape Sacı</b>	fresh air flap	
3			2	2	2	2	11116879A	<b>Klape Mili Alüminyum</b>	flap shaft Al	
4			1	1	1	1	11116878A	<b>Klape Mili Yatağı</b>	flap shaft bushing	
5			1	1	1	1	11141826A	<b>Filtre Malzemesi 380x130x20 mm</b>	filter mat 380x130x20 mm	

## Midisphere 180 - Resim/fig. 8



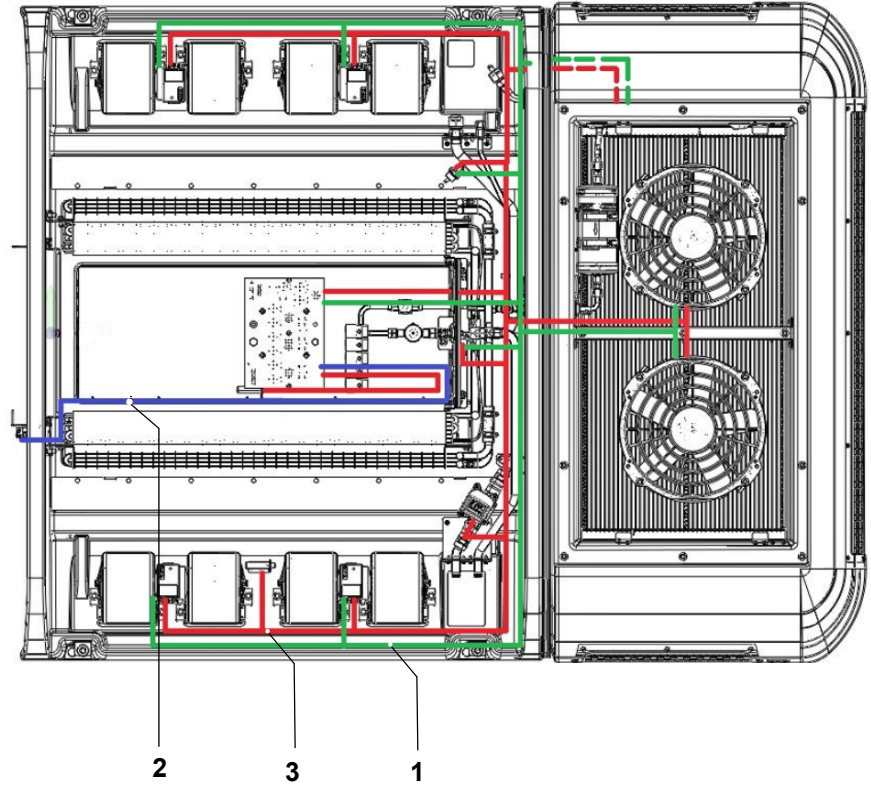
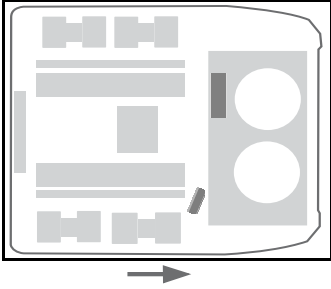
3 2 1 4 5

Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
	11142606A	11141828B	11142607A	11142291B	11142608A	1114179B				

### Elektrik Komponentleri / Electrical Components

Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
1	1						11122902D	<b>Röle Bordu SR400 12 V</b>	relay board SR400 12 V	
1		1					11141668B	<b>Röle Bordu SR400 24 V</b>	relay board SR400 24 V	
1			1		1		11122944D	<b>Röle Bordu SR410 12 V</b>	relay board SR410 12V	
1				1		1	11141669B	<b>Röle Bordu SR410 24 V</b>	relay board SR410 24 V	
2					1	1	11118005A	<b>Sıcaklık sensörü</b>	temperature sensor	
3	1	1	1	1	1	1	11118005A	<b>Sıcaklık sensörü</b>	temperature sensor	
4	5		5		5		11142577A	<b>Diyotlu röle 50 A</b>	relay with diode 50 A	
4		5		5		5	11142576A	<b>Diyotlu röle 20 A</b>	relay with diode 20 A	
5	2		2		2		16607A	<b>Bıçak sigorta 25 A</b>	flat fuse 25 A	
5		2		2		2	16605A	<b>Bıçak sigorta 15 A</b>	flat fuse 15 A	

## Midisphere 180 - Resim/fig.9



Poz./ Item	Miktar/Quantity / Midisphere 180						Parça No/ Part. no.	Tanım	Description	Açıklama/Remarks
	11142606A	11141828B	11142607A	11142291B	11142608A	11141779B				

### Kablo Takımı / cable harness

1	1	1	1	1			11141830D	<b>Kablo Takımı SR400</b>	cable harness SR400	
2			1	1	1	1	11142272B	<b>Kablo Takımı Temiz Hava Klapesi</b>	cable harness fresh air flap	
3					1	1	11141818D	<b>Kablo Takımı SR410 HVAC</b>	cable harness SR410 HVAC	



