



arıkazan a.ş.

BÜYÜKELÇİ SOK. NO:9 06700
KAVAKLIDERE ANKARA TURKEY
TEL: +90 312 468 09 11
FAX: +90 312 468 45 96
E-MAIL: ari@tr.net

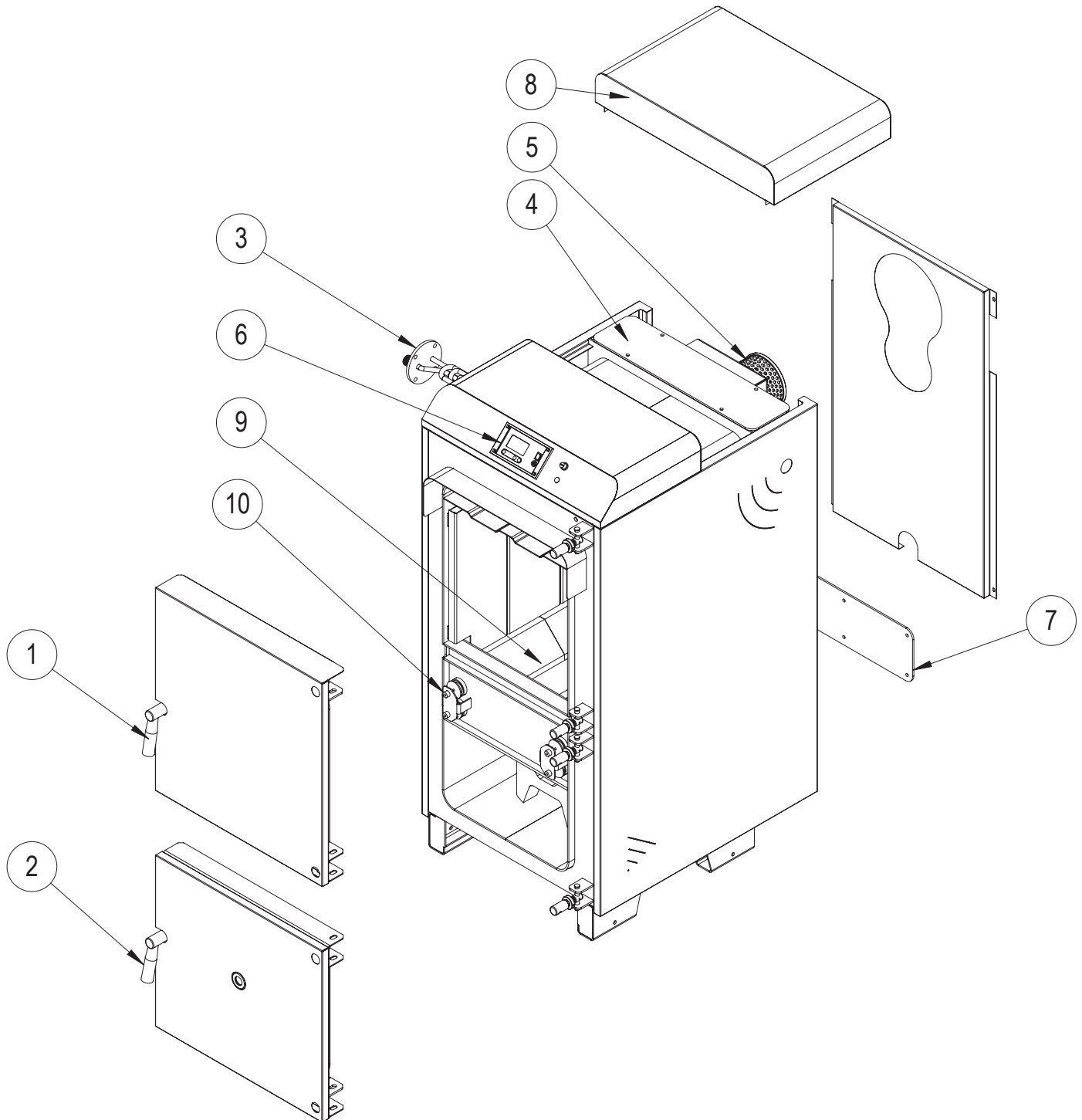


VENTUM SERIES WOOD FIRED GASIFICATION HOT WATER BOILERS

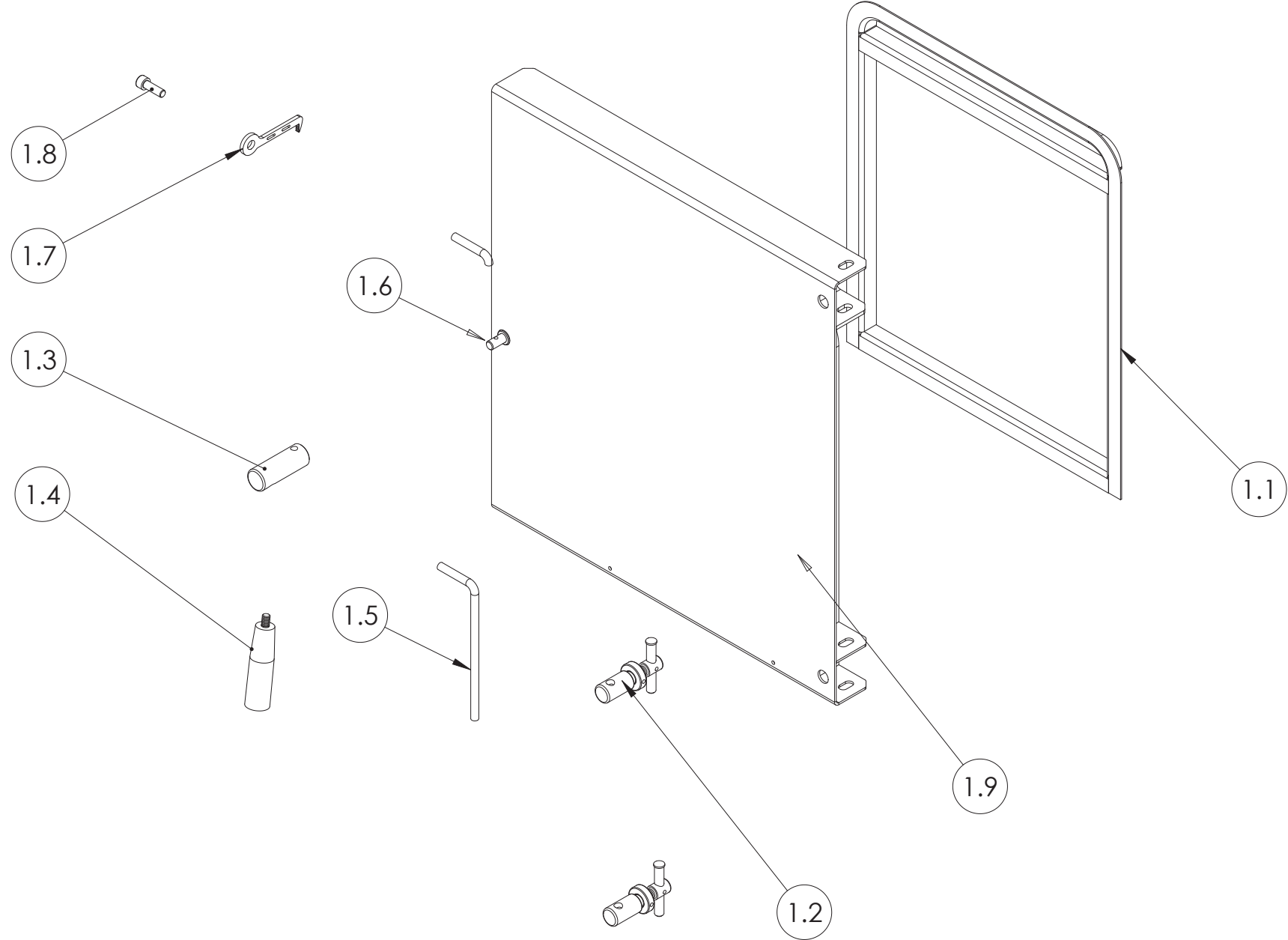
VG-20, VG-30, VG-40, VG-60, VG-80, VG-100

ILLUSTRATED SPARE PARTS MANUAL

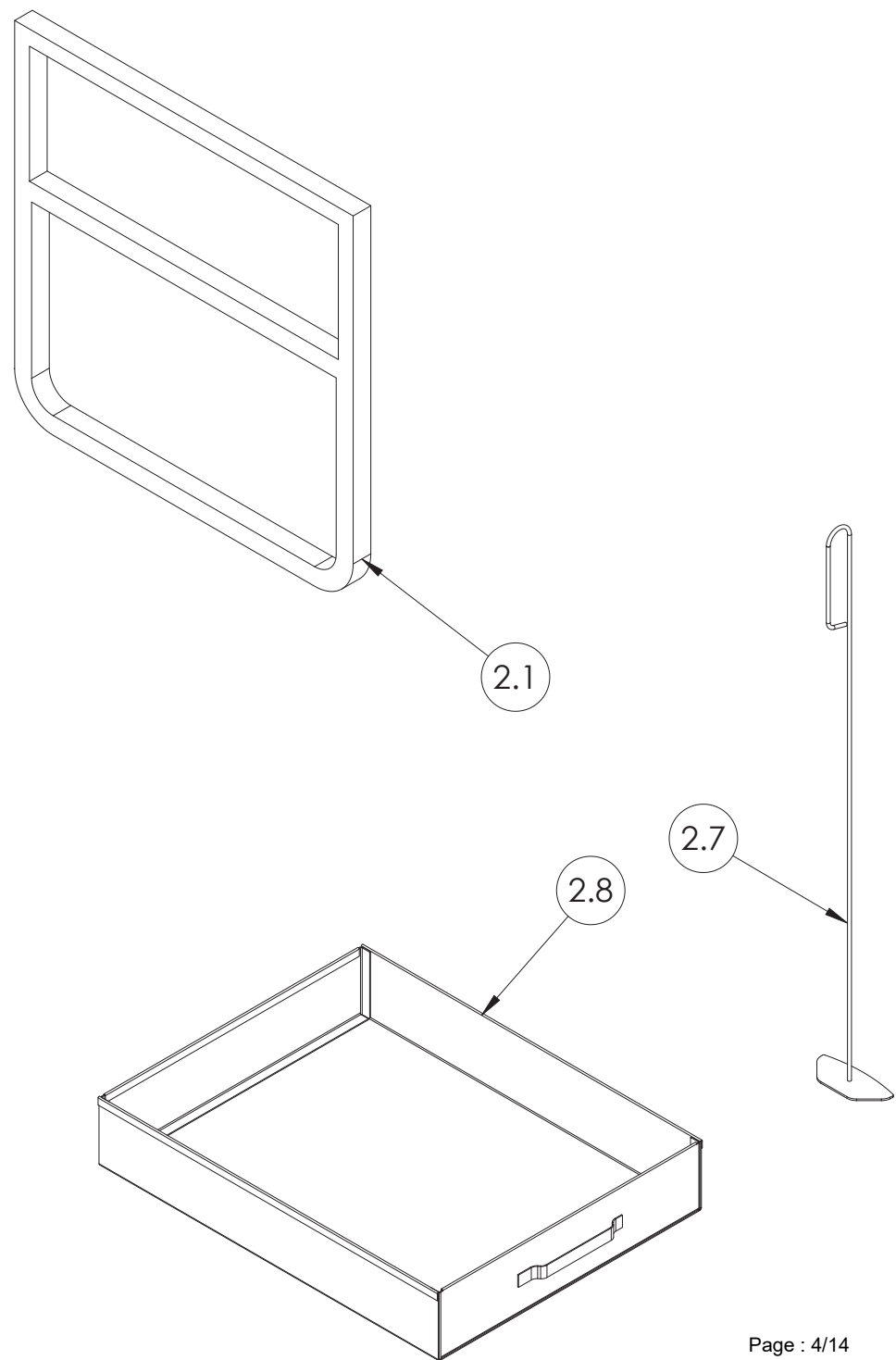
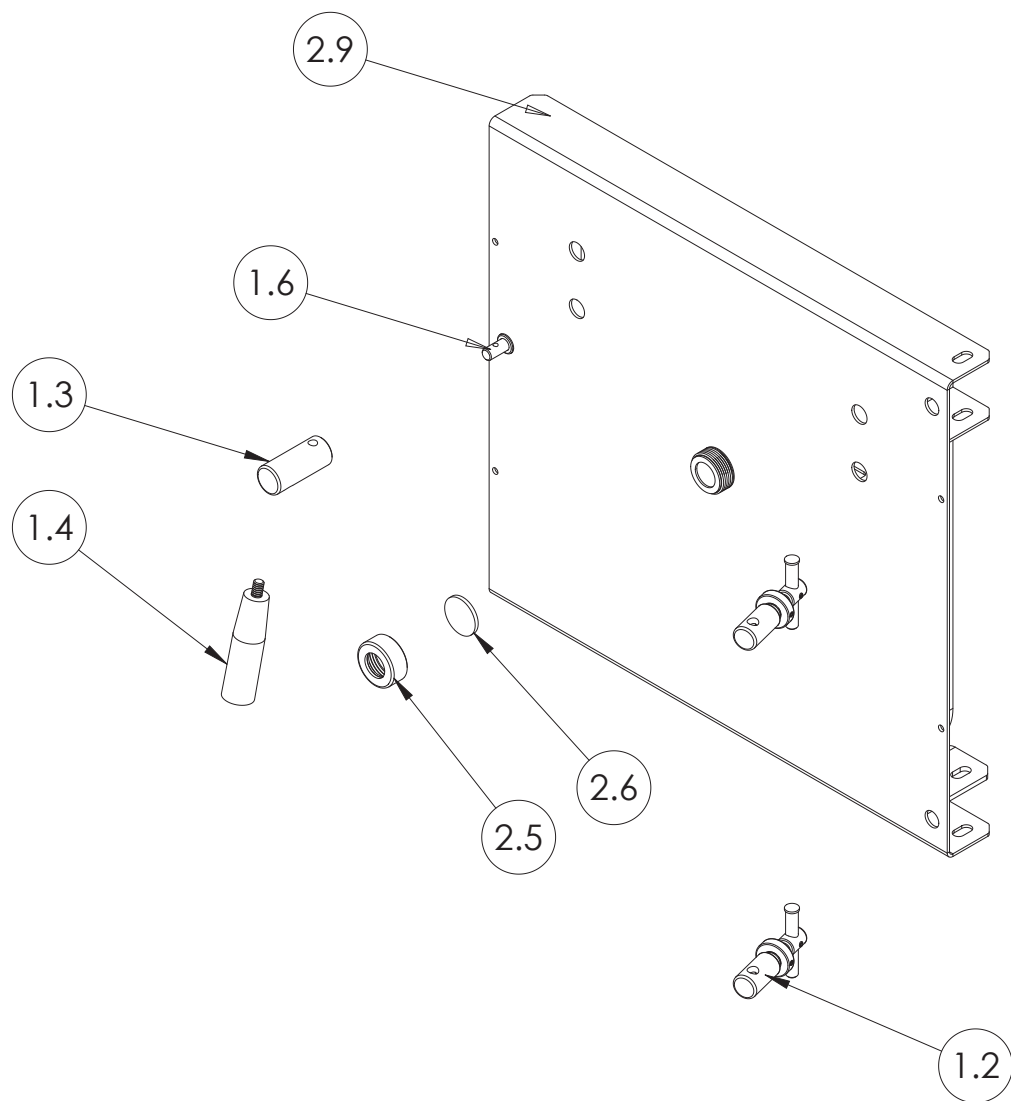
WOOD GASIFICATION BOILER SPARE PARTS



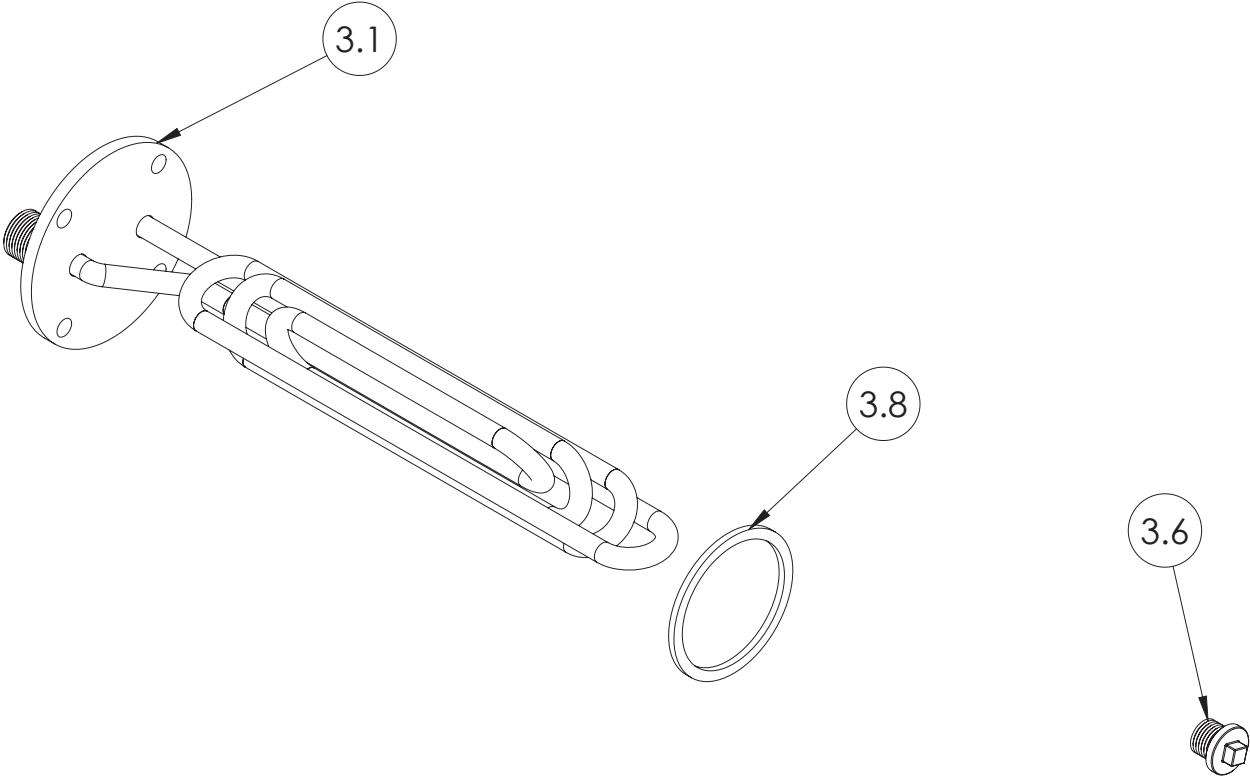
1- UPPER DOOR



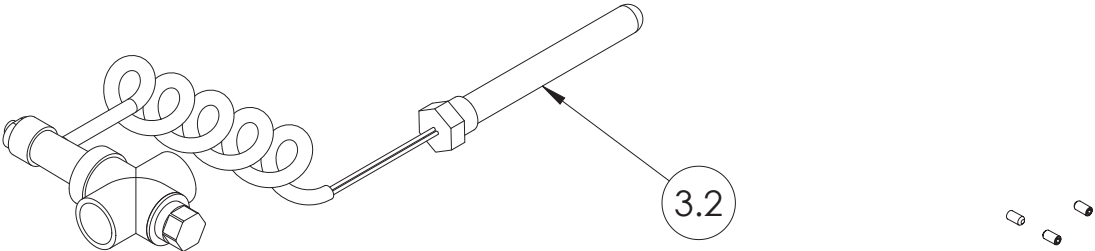
2- BOTTOM DOOR



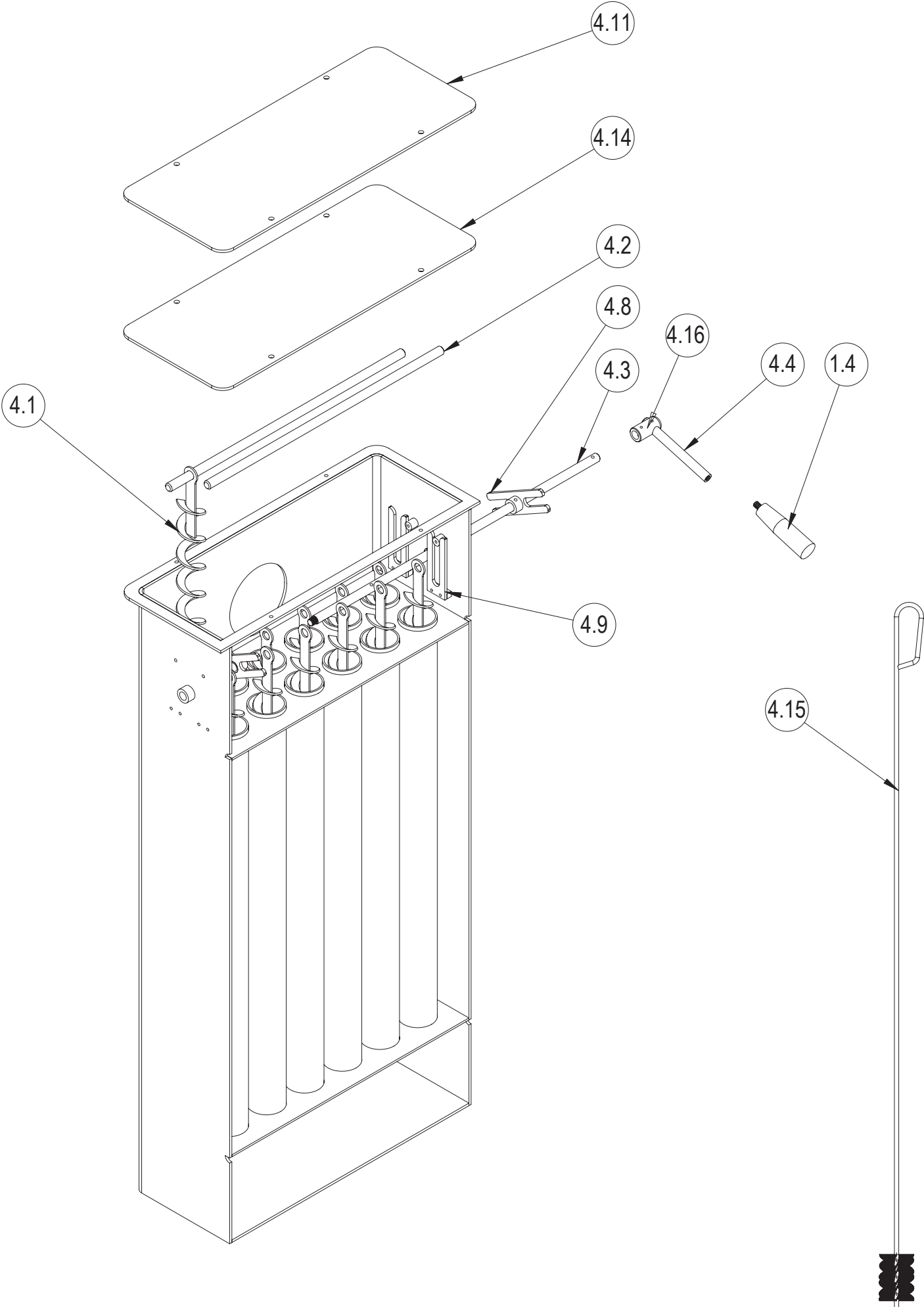
3- HEAT EXCHANGER GROUP



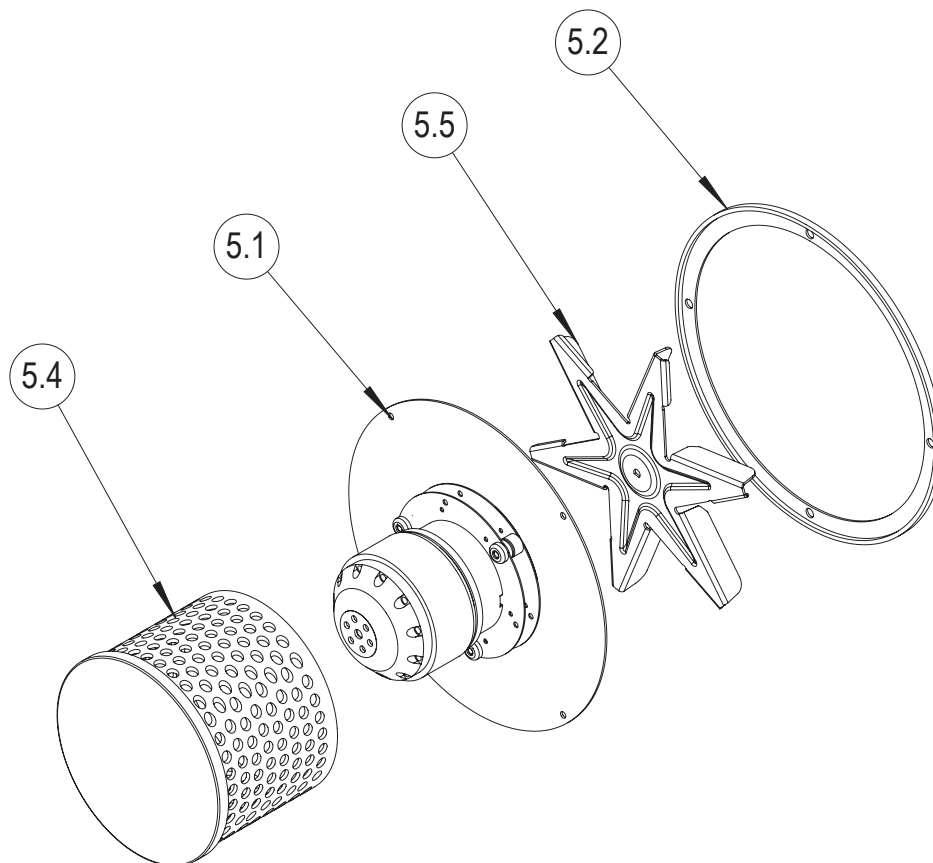
OPTIONAL



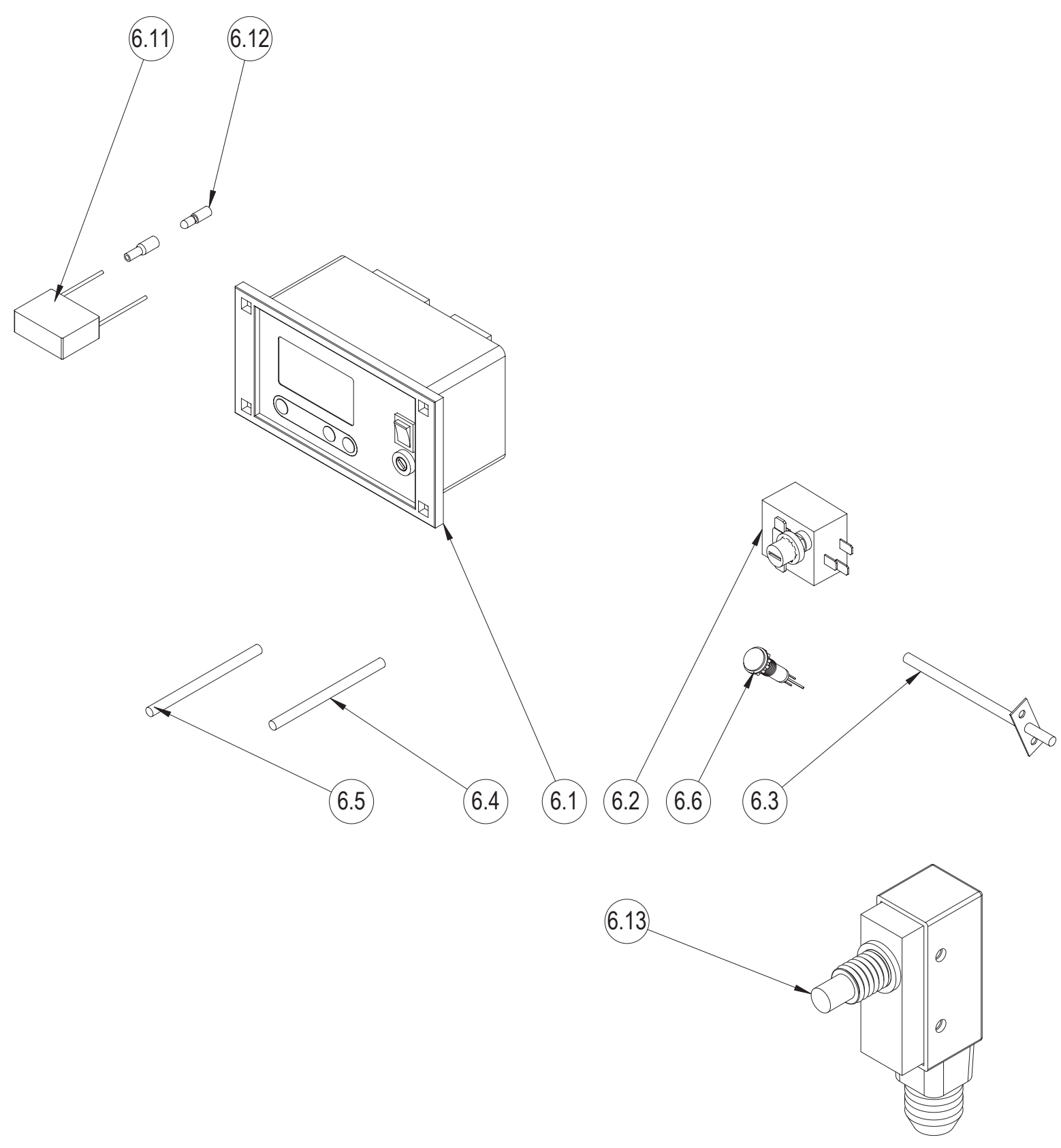
4- TUBE CLEANING GROUP



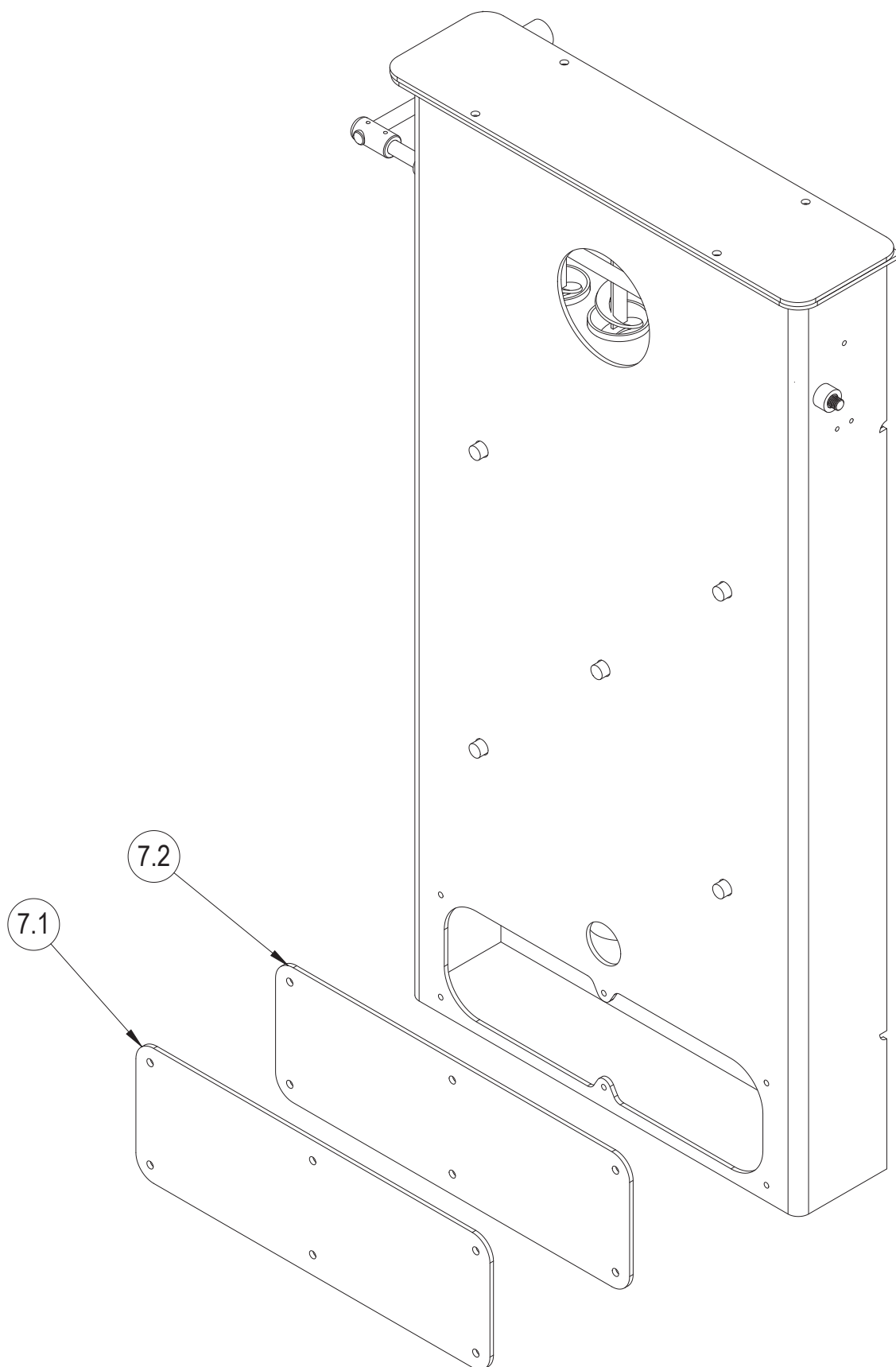
5- FAN GROUP



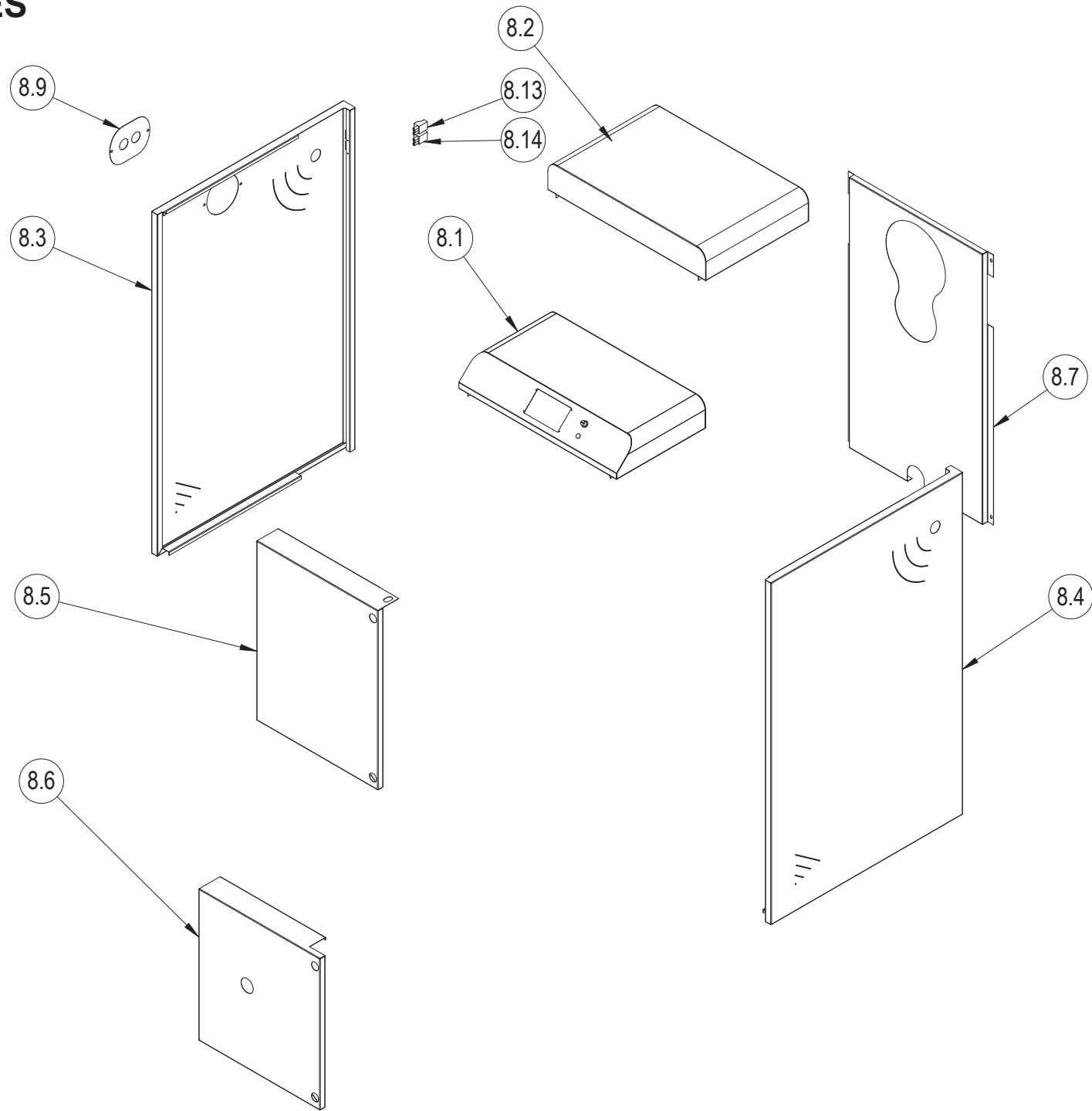
6- ELECTRICAL PANEL



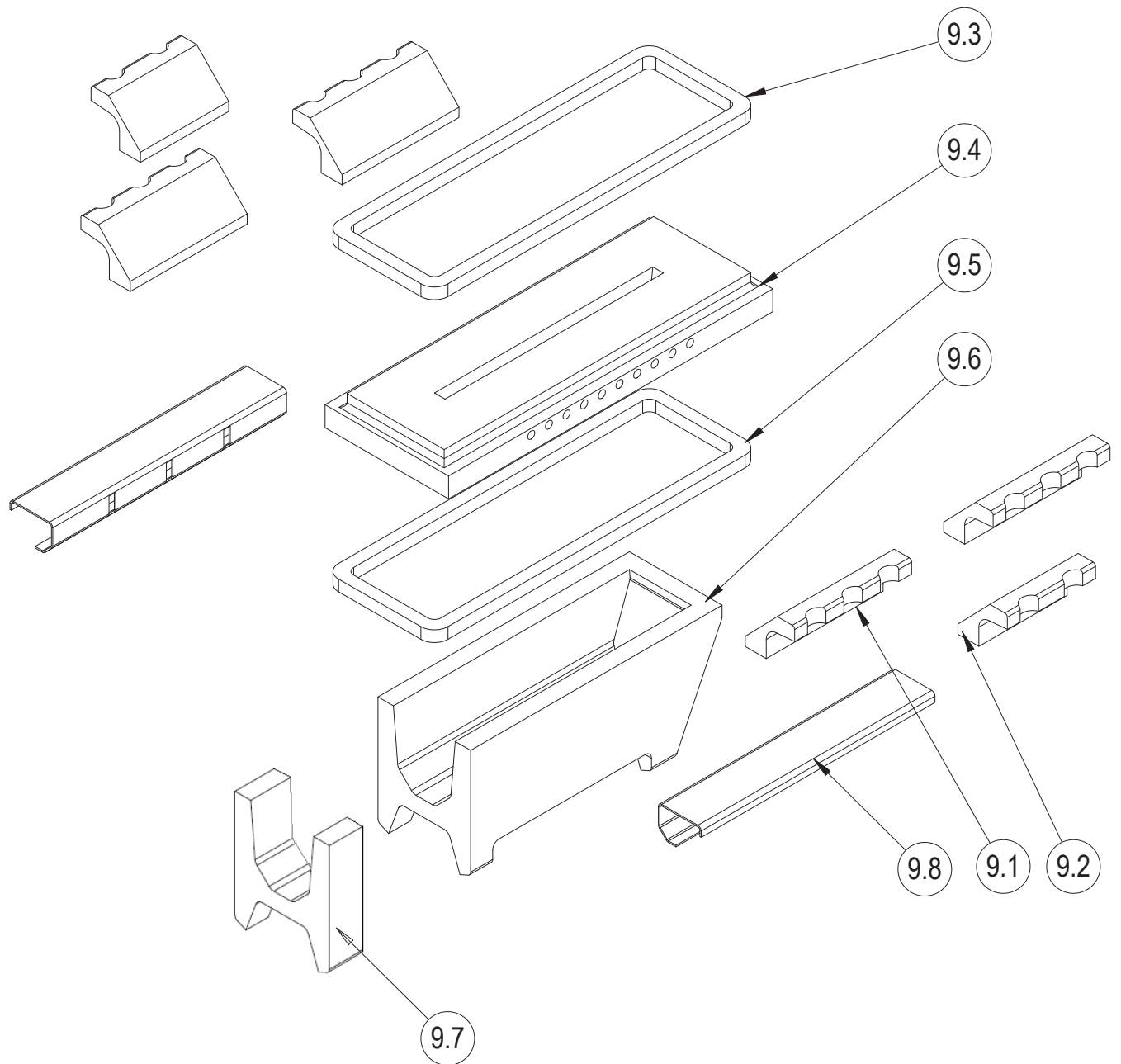
7- BACK DOOR



8- COVER PLATES



9- REFRACTORIES



VENTUM - ACCESSORIES & SPARE PARTS LIST - AKSESUAR & YEDEK PARÇA LİSTESİ												REV E 15.06.2017	
Part No	Boiler Type	Description		Dimension / Specification / Notes	Model Type						Quantity /Boiler	Spare Parts Code	
Parça No	Kazan Tipi	Açıklama	Ölçü / Özellik / Notlar	Ürün Tipi						Miktar	Yedek Parça Kodu		
				VG 20	VG 30	VG 40	VG 60	VG 80	VG 100				
1 - Upper Front Door													
1-a	VENTUM	Complete Upper Front Door	Ön Üst Kapak Komple	Without Cover Plate - Kaset Sacı Hariç	■						1	VGW6174001	
1-b	VENTUM	Complete Upper Front Door	Ön Üst Kapak Komple	Without Cover Plate - Kaset Sacı Hariç		■					1	VGW6174002	
1-c	VENTUM	Complete Upper Front Door	Ön Üst Kapak Komple	Without Cover Plate - Kaset Sacı Hariç			■				1	VGW6174003	
1-d	VENTUM	Complete Upper Front Door	Ön Üst Kapak Komple	Without Cover Plate - Kaset Sacı Hariç					■		1	VGW6174004	
1-e	VENTUM	Complete Upper Front Door	Ön Üst Kapak Komple	Without Cover Plate - Kaset Sacı Hariç						■	■	1	VGW6174005
1.1-a	VENTUM	Door Gasket	Üst Kapak Contası	Ceramik Fiber - 25x25 - 2 m	■							1	VGW6174006
1.1-b	VENTUM	Door Gasket	Üst Kapak Contası	Ceramik Fiber - 25x25 - 2.2 m		■						1	VGW6174007
1.1-c	VENTUM	Door Gasket	Üst Kapak Contası	Ceramik Fiber - 25x25 - 2.4 m			■					1	VGW6174008
1.1-d	VENTUM	Door Gasket	Üst Kapak Contası	Ceramik Fiber - 25x25 - 2.5 m					■			1	VGW6174009
1.1-e	VENTUM	Door Gasket	Üst Kapak Contası	Ceramik Fiber - 25x25 - 2.97 m						■	■	1	VGW6174010
1.2	VENTUM	Door Hinge Group	Menteşe Takımı		■	■	■		■	■	■	4	OGW11164504
1.3	VENTUM	Door Handle Bush	Kapak Sıkma Kol Burcu		■	■	■		■	■	■	2	OGW11164505
1.4	VENTUM	Bacalite Arm	Bakalıt Kulp	M10 Male		■	■	■	■	■	■	2	CMND0065
1.5	VENTUM	Hinge Fastening Arm	Menteşe Sıkma Kolu		■	■	■	■	■	■	■	1	OGW11164507
1.6	VENTUM	Handle Shaft	Kapak Sıkma Kolu Mili		■	■	■	■	■	■	■	2	OGW11164508
1.7	VENTUM	Door Lock	Kapak Kilidi		■	■	■	■	■	■	■	1	VGW6174011
1.8	VENTUM	Door Lock Pin	Kilit Pimi			■	■	■	■	■	■	1	VGW6174012
1.9-a	VENTUM	Upper Front Door	Ön Üst Kapak	With Refractory - Şamotlu	■							1	VGW6174013
1.9-b	VENTUM	Upper Front Door	Ön Üst Kapak	With Refractory - Şamotlu		■						1	VGW6174014
1.9-c	VENTUM	Upper Front Door	Ön Üst Kapak	With Refractory - Şamotlu			■					1	VGW6174015
1.9-d	VENTUM	Upper Front Door	Ön Üst Kapak	With Refractory - Şamotlu				■				1	VGW6174016
1.9-e	VENTUM	Upper Front Door	Ön Üst Kapak	With Refractory - Şamotlu					■	■		1	VGW6174017
2 - Bottom Front Door													
2-a	VENTUM	Complete Bottom Front Door	Ön Alt Kapak Komple	Without Cover Plate - Kaset Sacı Hariç	■							1	VGW6174018
2-b	VENTUM	Complete Bottom Front Door	Ön Alt Kapak Komple	Without Cover Plate - Kaset Sacı Hariç		■	■	■				1	VGW6174019
2-c	VENTUM	Complete Bottom Front Door	Ön Alt Kapak Komple	Without Cover Plate - Kaset Sacı Hariç						■	■	1	VGW6174020
2.1-a	VENTUM	Door Gasket	Alt Kapak Contası	Ceramik Fiber - 25x25 - 2,2 m	■							1	VGW6174007
2.1-b	VENTUM	Door Gasket	Alt Kapak Contası	Ceramik Fiber - 25x25 - 2,3 m		■	■	■				1	VGW6174021
2.1-c	VENTUM	Door Gasket	Alt Kapak Contası	Ceramik Fiber - 25x25 - 2,4 m						■	■	1	VGW6174008
2.5	VENTUM	Flame Monitoring Glass Cap	Alev Gözetleme Kapağı		■	■	■	■	■	■	■	2	CMND0067
2.6	VENTUM	Flame Monitoring Glass	Alev Gözetleme Camı	Robax	■	■	■	■	■	■	■	2	CMND0067
2.7	VENTUM	Ash Rake	Gelberi		■	■	■	■	■	■	■	1	OGW11164518
2.8	VENTUM	Ash Box	Kül Tavası		■	■	■	■	■	■	■	1	VGW6174022
2.9-a	VENTUM	Bottom Front Door	Ön Alt Kapak	With Refractory - Şamotlu	■							1	VGW6174023
2.9-b	VENTUM	Bottom Front Door	Ön Alt Kapak	With Refractory - Şamotlu		■	■	■				1	VGW6174024
2.9-c	VENTUM	Bottom Front Door	Ön Alt Kapak	With Refractory - Şamotlu						■	■	1	VGW6174025
3 - Cooling Heat Exchanger Group													
3.1-a	VENTUM	Cooling Heat Exchanger	Soğutma Eşanjörü		■	■	■					1	OGW11164519
3.1-b	VENTUM	Cooling Heat Exchanger	Soğutma Eşanjörü						■	■	■	1	OGW11164520
3.2	VENTUM	Mechanical Thermostatic Valve		Optional - Opsiyonel	■	■	■	■	■	■	■	1	OGW11164521
3.6	VENTUM	Blind Plug	Kör Tapa		■	■	■	■	■	■	■	1	OGW11164526
3.8	VENTUM	Gasket	Conta		■	■	■	■	■	■	■	1	VGW6174026
4 - Tube Cleaning Group													
4.1-a	VENTUM	Turbulator	Türbülötör	Ø50x34xH:35 - 550 mm	■							6	VGW6174027
4.1-b	VENTUM	Turbulator	Türbülötör	Ø50x34xH:35 - 700 mm		■						6	VGW6174028
4.1-c	VENTUM	Turbulator	Türbülötör	Ø50x34xH:35 - 800 mm				■				6	VGW6174029
4.1-d	VENTUM	Turbulator	Türbülötör	Ø50x34xH:35 - 850 mm					■			12	VGW6174030
4.1-e	VENTUM	Turbulator	Türbülötör	Ø50x34xH:35 - 1050 mm					■	■	12	VGW6174031	
											24		
4.2-a	VENTUM	Turbulator Shaft	Türbülötör Mili	Ø15x535 mm	■	■	■	■			1	OGW11164536	
											2		
4.2-b	VENTUM	Turbulator Shaft	Türbülötör Mili	Ø15x585 mm					■	■	2	VGW6174033	
											4		
4.3-a	VENTUM	Turbulator Lifting Axle	Türbülötör Kaldırma Mili	Ø15x700 mm	■	■	■	■				1	VGW6174034
4.3-b	VENTUM	Turbulator Lifting Axle	Türbülötör Kaldırma Mili	Ø15x750 mm						■	■	1	VGW6174035
4.4	VENTUM	Tube Cleaning Arm	Boru Temizleme Kolu		■	■	■	■	■	■	■	1	OGW11164543
4.8-a	VENTUM	Turbulator Shaft Lifting Arm	Türbülötör Mili Kaldırma Kolu		■							2	OGW11164548
4.8-b	VENTUM	Turbulator Shaft Lifting Arm	Türbülötör Mili Kaldırma Kolu		■	■		■	■	■	■	2	OGW11164549
												2	
4.9	VENTUM	Turbulator Shaft Bearing	Türbülötör Mil Yatağı		■	■	■		■	■	■	2	OGW11164550
												4	
4.11-a	VENTUM	Top Lid	Üst Kapak		■	■	■					1	VGW6174036
4.11-b	VENTUM	Top Lid	Üst Kapak					■				1	VGW6174037
4.11-c	VENTUM	Top Lid	Üst Kapak							■		1	VGW6174038
4.11-d	VENTUM	Top Lid	Üst Kapak								■	1	VGW6174039
4.14-a	VENTUM	Top Lid Insulation	Üst Kapak İzolasyonu	Ceramic Board 9 mm	■	■	■					1	VGW6174040
4.14-b	VENTUM	Top Lid Insulation	Üst Kapak İzolasyonu	Ceramic Board 9 mm				■				1	VGW6174041
4.14-c	VENTUM	Top Lid Insulation	Üst Kapak İzolasyonu	Ceramic Board 9 mm						■		1	VGW6174042
4.14-d	VENTUM	Top Lid Insulation	Üst Kapak İzolasyonu	Ceramic Board 9 mm							■	1	VGW6174043
4.15	VENTUM	Tube Cleaning Brush	Boru Temizleme Fırçası		■	■	■	■	■	■	■	1	OGW11164564
4.16	VENTUM	Tube Cleaning Arm Bush	Boru Temizleme Kolu Burcu		■	■	■	■	■	■	■	1	OGW11164565
5- Fan Group													
5.1	VENTUM	Fan Motor	Fan Motoru		■	■	■	■	■	■	■	1	CMNE0071

VENTUM - ACCESSORIES & SPARE PARTS LIST - AKSESUAR & YEDEK PARÇA LİSTESİ												REV E 15.06.2017	
Part No	Boiler Type	Description		Dimension / Specification / Notes		Model Type						Quantity /Boiler	Spare Parts Code
Parça No	Kazan Tipi	Açıklama		Ölçü / Özellik / Notlar		Ürün Tipi						Miktar	Yedek Parça Kodu
						VG 20	VG 30	VG 40	VG 60	VG 80	VG 100		
5.2	VENTUM	Fan Gasket	Fan Contası	Ø240 Silicon		■	■	■	■	■	■	1	CMND0123
5.4	VENTUM	Rotor Cover	Fan Kılıfı			■	■	■	■	■	■	1	CMND0124
5.5-c	VENTUM	Propeller	Pervane	30 mm		■						1	CMND0075
5.5-e	VENTUM	Propeller	Pervane	40 mm			■	■				1	CMND0099
5.5-d	VENTUM	Propeller	Pervane	50 mm					■	■	■	1	CMND0122
6-Electrical Panel													
6.1	VENTUM	Controller	Kontrol Kartı	ecoMAX 200		■	■	■	■	■	■	1	CMNE0077
6.2	VENTUM	Limit Thermostat	Limit Termostat			■	■	■	■	■	■	1	CMNE0034
6.3	VENTUM	Flue Gas Temperature Sensor	Baca Gazı Sıcaklık Sensörü	PT1000		■	■	■	■	■	■	1	CMNE0078
6.4	VENTUM	Boiler Temperature Sensor	Kazan Su Sıcaklık Sensörü	CT4 - PTC 1K - KTY81/100, 2 m		■	■	■	■	■	■	1	CMNE0118
6.5	VENTUM	Sanitary Water Temp. Sensor	Boyler Sıcaklık Sensörü	CT4 - PTC 1K - KTY81/100, 6 m		■		■	■	■	■	1	CMNE0119
6.6	VENTUM	Lamb	Lamba	Red, Kırmızı		■	■	■	■	■	■	1	CMNE0080
6.7	VENTUM	Panel Case	Pano Kılıfı			■	■	■	■	■	■	1	VGW6174044
6.11	VENTUM	Capacitor	Kondansatör	2,7 µF, 500 Vac		■	■	■	■	■	■	1	CMNE0082
6.12	VENTUM	Crimp-on Snap Connector	Kablo Konnektörü	BE1040-BD1040		■	■	■	■	■	■	2	CMNE0083
6.13	VENTUM	Door Switch	Kapak Sivici			■	■	■	■	■	■	1	CMNE0053
7-Back Door													
7.1-a	VENTUM	Back Door	Arka Kapak				■	■	■	■		1	VGW6174045
7.1-b	VENTUM	Back Door	Arka Kapak							■	■	1	VGW6174046
7.2-a	VENTUM	Back Door Insulation Board	Arka Kapak İzolasyonu	Ceramic Board, 9 mm		■	■	■	■			1	VGW6174047
7.2-b	VENTUM	Back Door Insulation Board	Arka Kapak İzolasyonu	Ceramic Board, 9 mm						■	■	1	VGW6174048
8-Cover Plates													
8.1-a	VENTUM	Top Front Cover Plate	Üst Ön Kaset Sacı			■	■	■	■			1	VGW6174049
8.1-b	VENTUM	Top Front Cover Plate	Üst Ön Kaset Sacı							■	■	1	VGW6174050
8.2-a	VENTUM	Top Back Cover Plate	Üst Arka Kaset Sacı			■	■	■				1	VGW6174051
8.2-b	VENTUM	Top Back Cover Plate	Üst Arka Kaset Sacı						■			1	VGW6174052
8.2-c	VENTUM	Top Back Cover Plate	Üst Arka Kaset Sacı							■		1	VGW6174053
8.2-d	VENTUM	Top Back Cover Plate	Üst Arka Kaset Sacı								■	1	VGW6174054
8.3-a	VENTUM	Left Cover Plate	Sol Yan Kaset Sacı			■						1	VGW6174055
8.3-b	VENTUM	Left Cover Plate	Sol Yan Kaset Sacı				■					1	VGW6174056
8.3-c	VENTUM	Left Cover Plate	Sol Yan Kaset Sacı					■				1	VGW6174057
8.3-d	VENTUM	Left Cover Plate	Sol Yan Kaset Sacı						■			1	VGW6174058
8.3-e	VENTUM	Left Cover Plate	Sol Yan Kaset Sacı							■		1	VGW6174059
8.3-f	VENTUM	Left Cover Plate	Sol Ön Kaset Sacı								■	1	VGW6174060
8.3-g	VENTUM	Left Back Cover Plate	Sol Arka Kaset Sacı							■		1	VGW6174097
8.3-h	VENTUM	Left Back Cover Plate	Sol Arka Kaset Sacı								■	1	VGW6174098
8.4-a	VENTUM	Right Cover Plate	Sağ Yan Kaset Sacı			■						1	VGW6174061
8.4-b	VENTUM	Right Cover Plate	Sağ Yan Kaset Sacı				■					1	VGW6174062
8.4-c	VENTUM	Right Cover Plate	Sağ Yan Kaset Sacı					■				1	VGW6174063
8.4-d	VENTUM	Right Cover Plate	Sağ Yan Kaset Sacı						■			1	VGW6174064
8.4-e	VENTUM	Right Cover Plate	Sağ Yan Kaset Sacı							■		1	VGW6174065
8.4-f	VENTUM	Right Cover Plate	Sağ Yan Kaset Sacı								■	1	VGW6174066
8.4-g	VENTUM	Right Back Cover Plate	Sağ Arka Kaset Sacı							■		1	VGW6174099
8.4-h	VENTUM	Right Back Cover Plate	Sağ Arka Kaset Sacı								■	1	VGW6174100
8.5-a	VENTUM	Upper Front Door Cover Plate	Ön Üst Kapak Kaset Sacı			■						1	VGW6174067
8.5-b	VENTUM	Upper Front Door Cover Plate	Ön Üst Kapak Kaset Sacı				■					1	VGW6174068
8.5-c	VENTUM	Upper Front Door Cover Plate	Ön Üst Kapak Kaset Sacı					■				1	VGW6174069
8.5-d	VENTUM	Upper Front Door Cover Plate	Ön Üst Kapak Kaset Sacı						■			1	VGW6174070
8.5-e	VENTUM	Upper Front Door Cover Plate	Ön Üst Kapak Kaset Sacı							■	■	1	VGW6174071
8.6-a	VENTUM	Lower Front Door Cover Plate	Ön Alt Kapak Kaset Sacı			■						1	VGW6174072
8.6-b	VENTUM	Lower Front Door Cover Plate	Ön Alt Kapak Kaset Sacı				■	■	■			1	VGW6174073
8.6-c	VENTUM	Lower Front Door Cover Plate	Ön Alt Kapak Kaset Sacı							■	■	1	VGW6174074
8.7-a	VENTUM	Rear Cover Plate	Arka Kaset Sacı			■						1	VGW6174075
8.7-b	VENTUM	Rear Cover Plate	Arka Kaset Sacı				■					1	VGW6174076
8.7-c	VENTUM	Rear Cover Plate	Arka Kaset Sacı					■				1	VGW6174077
8.7-d	VENTUM	Rear Cover Plate	Arka Kaset Sacı						■			1	VGW6174078
8.7-e	VENTUM	Rear Cover Plate	Arka Kaset Sacı							■	■	1	VGW6174079
8.9	VENTUM	Heat Exchanger Cover Plate	Eşanjör Kapağı			■	■	■	■	■	■	1	VGW6174080
8.13	VENTUM	Connection Sockets	Bağlantı Soketi	3 Pole Female, 3'lü Dişi		■	■	■	■	■	■	4	CMNE0125
8.14	VENTUM	Connection Sockets	Bağlantı Soketi	3 Pole Male, 3'lü Erkek		■	■	■	■	■	■	4	CMNE0126
8.15	VENTUM	Top Middle Cover Plate	Üst Orta Kaset Sacı							■	■	1	VGW6174101
9-Refractories													
9.1	VENTUM	Upper Refractories	Üst Refrakter			■	■	■	■			4	VGW6174081
										■	■	8	
9.2	VENTUM	Upper Middle Refractories	Üst Orta Refrakter						■			2	VGW6174082
9.3-a	VENTUM	Ceramic Fiber Insulation	Seramik Fitol	16x16 mm x 1.5 m		■	■	■				1	VGW6174083
9.3-b	VENTUM	Ceramic Fiber Insulation	Seramik Fitol	16x16 mm x 1.9 m					■			1	VGW6174084
9.3-c	VENTUM	Ceramic Fiber Insulation	Seramik Fitol	16x16 mm x 3.5 m						■	■	1	VGW6174085
9.4-a	VENTUM	Middle Refractory	Orta Refrakter			■	■	■				1	VGW6174086
9.4-b	VENTUM	Middle Refractory	Orta Refrakter						■			1	VGW6174087
9.4-c	VENTUM	Middle Refractory	Orta Refrakter							■	■	2	OGW11164647
9.5-a	VENTUM	Ceramic Fiber Insulation	Seramik Fitol	5x20 mm x 1.35 m		■	■	■				1	VGW6174088
9.5-b	VENTUM	Ceramic Fiber Insulation	Seramik Fitol	5x20 mm x 1.75 m					■			1	VGW6174089

VENTUM - ACCESSORIES & SPARE PARTS LIST - AKSESUAR & YEDEK PARÇA LİSTESİ											REV E 15.06.2017		
Part No	Boiler Type	Description		Dimension / Specification / Notes	Model Type						Quantity /Boiler	Spare Parts Code	
Parça No	Kazan Tipi	Açıklama		Ölçü / Özellik / Notlar	Ürün Tipi						Miktar	Yedek Parça Kodu	
					VG 20	VG 30	VG 40	VG 60	VG 80	VG 100			
9.5-c	VENTUM	Ceramic Fiber Insulation	Seramik Fitol	5x20 mm x 3.35 m						■	■	1	VGW6174090
9.6-a	VENTUM	Bottom Refractory	Alt Refrakter		■							1	OGW11164653
9.6-b	VENTUM	Bottom Refractory	Alt Refrakter			■	■					1	OGW11164654
9.6-c	VENTUM	Bottom Refractory	Alt Refrakter					■		■		1	OGW11164655
9.7	VENTUM	Bottom Front Refractory	Alt Ön Refrakter						■	■		1	VGW6174091
9.8-a	VENTUM	Primar Air Duct	Primer Hava Kanalı		■	■	■					2	VGW6174092
9.8-b	VENTUM	Primar Air Duct	Primer Hava Kanalı					■				2	VGW6174093
9.8-c	VENTUM	Primar Air Duct	Primer Hava Kanalı						■	■		2	VGW6174094
10-Air Regulation Clape													
10.1-a	VENTUM	Air Regulation Clapes	Hava Ayar Klapesi	1 1/4"		■	■					4	VGW6174095
10.1-b	VENTUM	Air Regulation Clapes	Hava Ayar Klapesi	1 1/2"				■	■			4	OGW11164656
10.1-c	VENTUM	Air Regulation Clapes	Hava Ayar Klapesi	2 1/2"						■	■	4	VGW6174096