

Service manual

Deck oven Ebo 124 M 400V 50Hz

Version: 2.00

Ident:

Series:

Part-Number: X1640

This part can be ordered.

Chapter

Baking chamber Ebo 124 M 400V 50Hz - V:

Control Ebo 124 M 400V 50Hz - V:

Door Ebo 124 M 400V 50Hz - V:

X1640-500-000 - Frame Ebo 124 M 400V 50Hz - V:

Heater Ebo 124 M 400V 50Hz - V:

Installation Room Ebo 124 M 400V 50Hz - V:

Servicemanual

Baking chamber Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

baking chamber lighting Ebo 124 M 400V 50Hz - V:

109231 -

109268 -

111296 - sealing rope

402698 - stone baking plate EBO124

X1640-001-054 - heating holder top

X1660-001-055 - heating holder top middle

Part:**Part-Number: 109231**

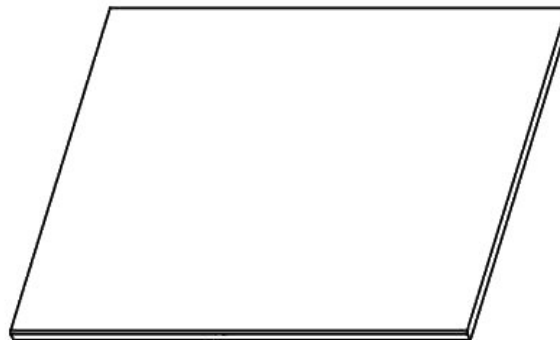
Part:**Part-Number: 109268**

Part: sealing rope**Part-Number: 111296**

length at EBO 128/124 with 320 chamber = 2,90 m; length at EBO 128/124 with 355 chamber = 3,00 m; length at EBO 64/68 with 320 chamber = 1,65 m; length at EBO 64/68 with 355 chamber = 1,85 m

Part: stone baking plate EBO124**Part-Number: 402698**

When cleaning the stone plate do not use abrasive cleaner. Use only clear water and soft cloths.

**Part: heating holder top****Part-Number: X1640-001-054**

Part: heating holder top middle**Part-Number: X1660-001-055**

Servicemanual

baking chamber lighting Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

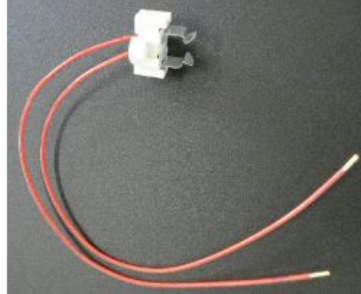
EX1660-001-065 - cover baking chamber lighting - V:

404835 - halogen lamp socket

42251 - screw

Part: halogen lamp socket

Part-Number: 404835



Part: screw

Part-Number: 42251



Servicemanual cover baking chamber lighting

Version:

Ident:

Series:

Part-Number: EX1660-001-065

Chapter

42251 - screw

70508 - Ebo frame for lamps-lower part

70509 - Ebo protective glass f. lamps-lower part

70510 - seal for bottom part of the lamp

Part: screw

Part-Number: 42251

**Part: Ebo frame for lamps-lower part**

Part-Number: 70508

**Part: Ebo protective glass f. lamps-lower part**

Part-Number: 70509

**Part: seal for bottom part of the lamp**

Part-Number: 70510



Service manual

Control Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

107159 - female multipoint connector 2 pole
107160 - multi pin connector 3-pole
107161 - female multipoint connector 3 pole
107657 - spacer for circuit boards
109905 - through terminal, blue 2,5m
110525 - end clamp grey
111231 - spacer
111342 - multi pin connector
111343 - cross bridge iso. red 24 A 4/0
111345 - cable with plug for axial fan
33884 - relay main switch
36583 - ferrite core R3615X
401523 - loudspeaker
402662 - axial blower 19W heat resistance until 75°C
404699 - safety temperature limiter (UL) 360°C
404814 - intermediate plate clamp
9000-455-001 - drive fastener D10
9030-140-005 - thermocouple
9030-140-006 - thermo sensor
9030-320-004 - glass operating unit Exclusive Dibas/Ebo
9030-320-005 - glass operating unit Comfort Dibas/Ebo
9030-320-006 - glass operating unit Classic Dibas/Ebo
9030-320-011 - glass operating unit Classic nostalgia
9030-320-012 - glass operating unit Comfort nostalgia
9030-320-013 - glass operating unit Exclusive nostalgia
9030-330-001 - motherboard universal
9030-330-003 - terminal board active
9030-430-037 - data cable control Comfort-Classic
9030-430-112 - cable USB- extension 0,5m
9030-430-113 - USB-extension cord
9030-430-128 - supply line 5x2,5
9030-485-002 - ferrite ring 15,5
9520-510-001 - binder attachment
X1200-355-117 - fastener USB
X1660-350-010 - clamping frame
X1660-350-014 - cover control Exclusive
X1660-350-015 - cover control Comfort / Classic
X2200-353-053 - cover USB interface

Part: female multipoint connector 2 pole

Part-Number: 107159

Part: multi pin connector 3-pole

Part-Number: 107160

Part: female multipoint connector 3 pole

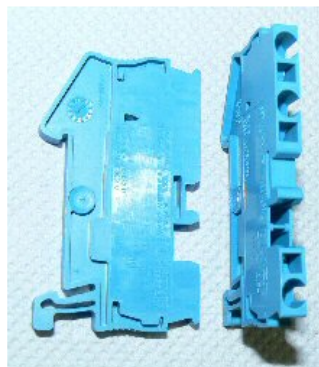
Part-Number: 107161

Part: spacer for circuit boards

Part-Number: 107657

**Part: through terminal, blue 2,5m**

Part-Number: 109905

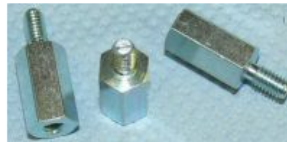


Part: end clamp grey

Part-Number: 110525

Part: spacer

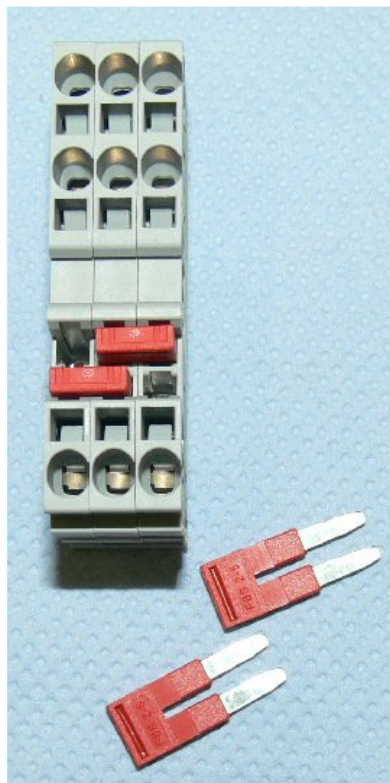
Part-Number: 111231

**Part: multi pin connector**

Part-Number: 111342

Part: cross bridge iso. red 24 A 4/0

Part-Number: 111343



Part: cable with plug for axial fan

Part-Number: 111345



Part: relay main switch

Part-Number: 33884

The contactor switches the heater on/off.



Part: ferrite core R3615X

Part-Number: 36583



Part: loudspeaker

Part-Number: 401523

The loud speaker signal serves as an acoustic signal. For example notification is given for "temperature reached", "end of program". It is controlled by the circuit board.



Part: axial blower 19W heat resistance until 75°C

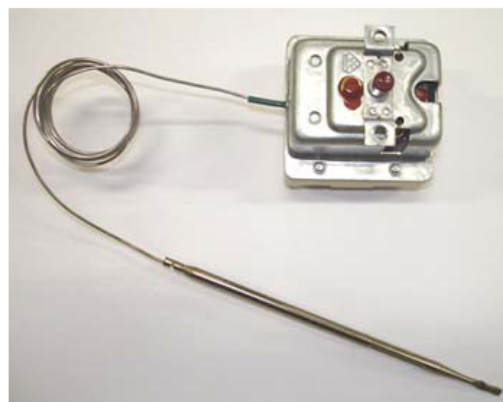
Part-Number: 402662

Axial fan to cool the electronic components. Heat resistant up to 75°C, marked with the letter "Z". The service uses as after-market equipment the axial fan, item no. 402661, heat resistant up to 85°C marked with the letter "N".



Part: safety temperature limiter (UL) 360°C

Part-Number: 404699



Part: intermediate plate clamp**Part-Number: 404814****Part: drive fastener D10****Part-Number: 9000-455-001****Part: thermocouple****Part-Number: 9030-140-005****Part: thermo sensor****Part-Number: 9030-140-006**

Part: glass operating unit Exclusive Dibas/Ebo

Part-Number: 9030-320-004



Part: glass operating unit Comfort Dibas/Ebo

Part-Number: 9030-320-005



Part: glass operating unit Classic Dibas/Ebo**Part-Number: 9030-320-006****Part: glass operating unit Classic nostalgia****Part-Number: 9030-320-011**

Part: glass operating unit Comfort nostalgia

Part-Number: 9030-320-012



Part: glass operating unit Exclusive nostalgia

Part-Number: 9030-320-013



Part: motherboard universal

Part-Number: 9030-330-001



Part: terminal board active

Part-Number: 9030-330-003

**Part: data cable control Comfort-Classic**

Part-Number: 9030-430-037

**Part: cable USB- extension 0,5m**

Part-Number: 9030-430-112

**Part: USB-extension cord**

Part-Number: 9030-430-113

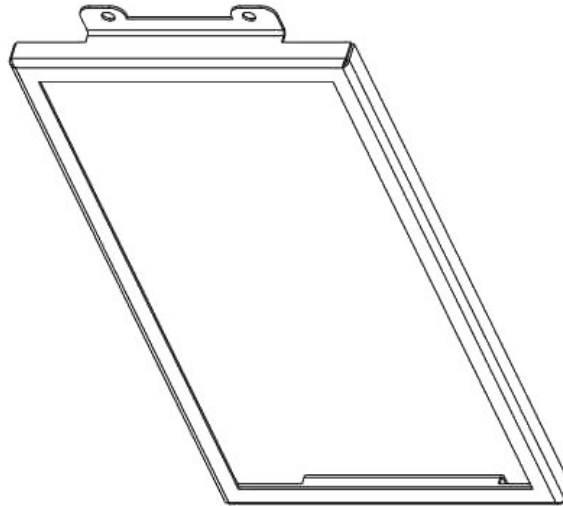
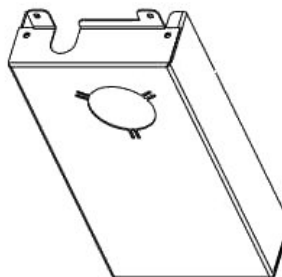
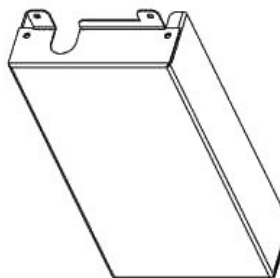


Part: supply line 5x2,5**Part-Number: 9030-430-128**

Part: ferrite ring 15,5**Part-Number: 9030-485-002**

Part: binder attachment**Part-Number: 9520-510-001**

Part: fastener USB**Part-Number: X1200-355-117**

Part: clamping frame**Part-Number: X1660-350-010****Part: cover control Exclusive****Part-Number: X1660-350-014****Part: cover control Comfort / Classic****Part-Number: X1660-350-015**

Part: cover USB interface

Part-Number: X2200-353-053



Service manual

Door Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

X1660-450-020 - Door lever Ebo 124 M 400V 50Hz - V:
X1660-450-010 - glass pane Ebo 124 M 400V 50Hz - V:

109163 - bearing shaft for window EBO
111229 - thread screw 6x25
111327 - bearing shaft for window, left assembled
400141 - contact switch door (MAN)
42283 - nut
42693 - screw M5 x 2,5 DIN923
9000-132-005 - screw DIN923 M6x4
X1660-450-002 - shaft

Part: bearing shaft for window EBO

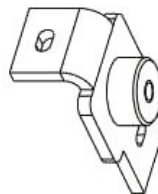
Part-Number: 109163

Part: thread screw 6x25

Part-Number: 111229

Part: bearing shaft for window, left assembled

Part-Number: 111327

**Part: contact switch door (MAN)**

Part-Number: 400141

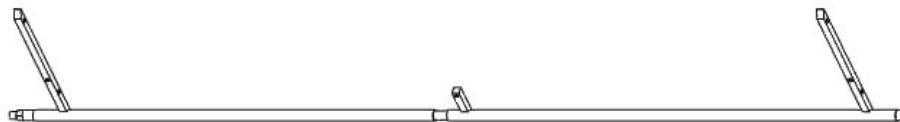
**Part: nut**

Part-Number: 42283



Part: screw M5 x 2,5 DIN923**Part-Number: 42693**

The left hangers is fastened in the baking chamber with screws.

**Part: screw DIN923 M6x4****Part-Number: 9000-132-005****Part: shaft****Part-Number: X1660-450-002**

Servicemanual

Door lever Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: X1660-450-020

Chapter

109322 - door lever welded EBO
109716 - bushing
110692 - hexagonal screw 8x50
110743 - hexagonal nut M8
111417 - screw
400765 - tension spring
42022 - washer
42073 - nut
70148 - door handle black
X1660-450-018 - spring hook

Part: door lever welded EBO

Part-Number: 109322



Part: bushing

Part-Number: 109716

Part: hexagonal screw 8x50

Part-Number: 110692



Part: hexagonal nut M8

Part-Number: 110743



Part: screw

Part-Number: 111417



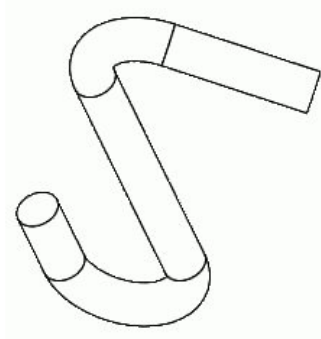
Part: tension spring**Part-Number: 400765****Part: washer****Part-Number: 42022****Part: nut****Part-Number: 42073****Part: door handle black****Part-Number: 70148**

The door hinge is also available in "silver" or "gold" colour for the "nostalgy" version



Part: spring hook

Part-Number: X1660-450-018



Service manual

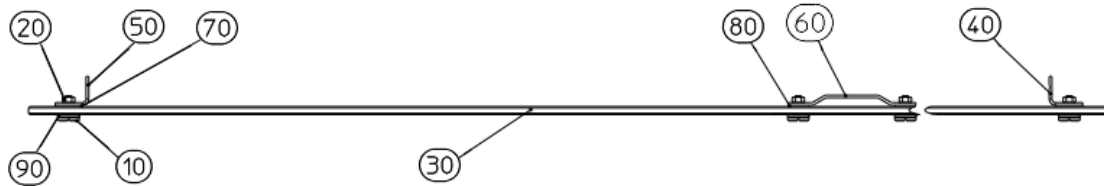
glass pane Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: X1660-450-010



Chapter

- 9010-240-004 - thrust piece springy M6x15
- [010] - 9000-129-002 - screw M5 x 16
- [020] - 42034 - nut
- [030] - X1660-450-008 - glass pane M
- [040] - X1660-450-012 - door angle right M
- [050] - X1660-450-014 - door angle left M
- [060] - X1660-450-015 - door angle middle
- [070] - X1660-450-016 - silicone pad M
- [080] - X1660-450-017 - silicone pad middle
- [090] - X1702-460-011 - distance bush

Part: thrust piece springy M6x15

Part-Number: 9010-240-004

Part: screw M5 x 16

Part-Number: 9000-129-002

Part: nut

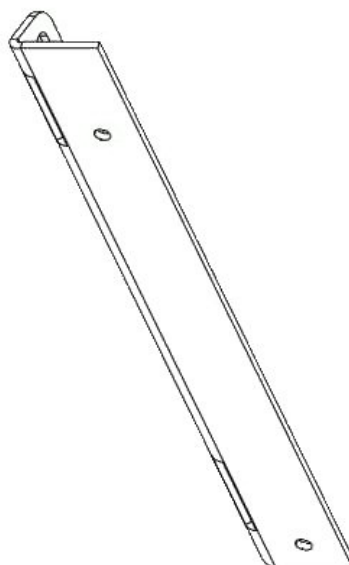
Part-Number: 42034

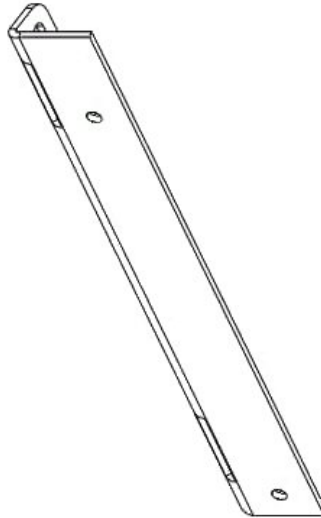
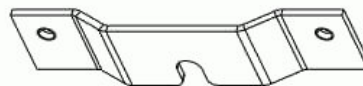
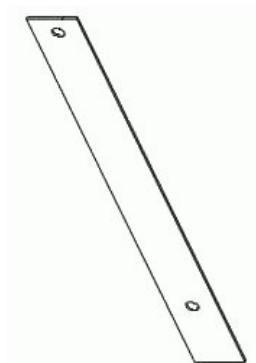
**Part: glass pane M**

Part-Number: X1660-450-008

Part: door angle right M

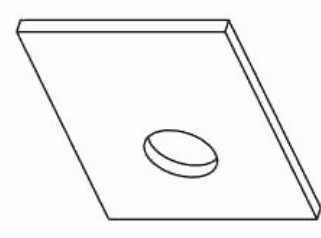
Part-Number: X1660-450-012



Part: door angle left M**Part-Number: X1660-450-014****Part: door angle middle****Part-Number: X1660-450-015****Part: silicone pad M****Part-Number: X1660-450-016**

Part: silicone pad middle

Part-Number: X1660-450-017



Part: distance bush

Part-Number: X1702-460-011

Service manual

Frame Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: X1640-500-000

Chapter

EX1660-500-025 - frame right Ebo 124/128 M nostalgia, Ebo 124 M 400V 50Hz - V:

EX1660-500-024 - frame right Ebo 124/128 M, Ebo 124 M 400V 50Hz - V:

402169 - cap EBO cover light

X1640-500-002 - side panel left Ebo 124 M

X1640-500-003 - side panel left Ebo 124 M nostalgia

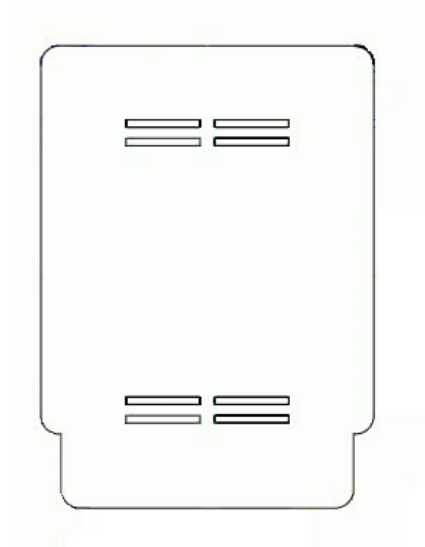
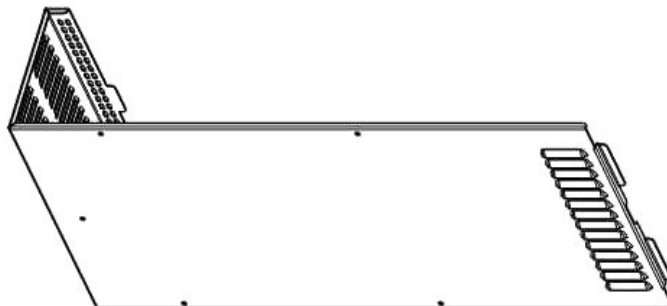
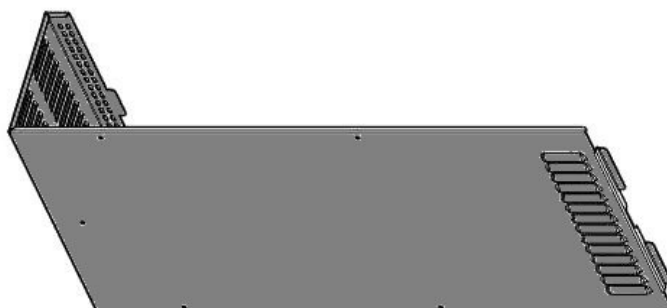
X1640-500-004 - side panel right Ebo 124 M

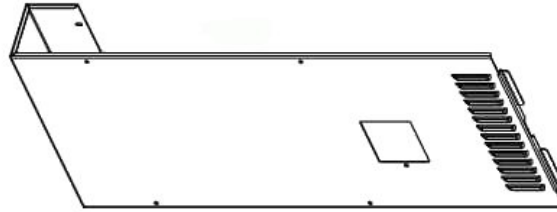
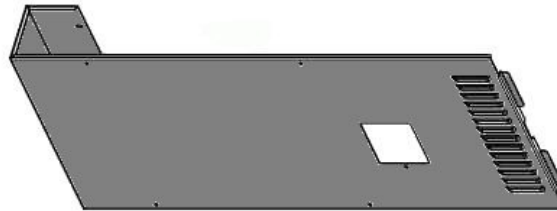
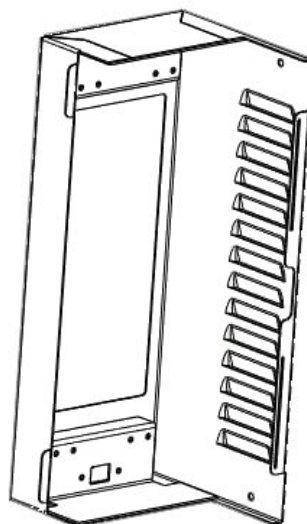
X1640-500-005 - side panel right Ebo 124 M nostalgia

X1660-500-010 - frame control spot-welded Ebo 124/128 M

X1660-500-011 - frame control spot-welded Ebo 124/128 M nostalgia

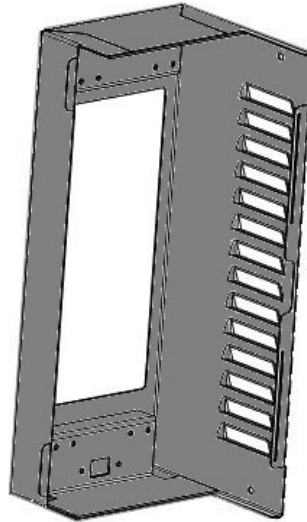
X1660-500-022 - rear panel Ebo 124/128 M

Part: cap EBO cover light**Part-Number: 402169****Part: side panel left Ebo 124 M****Part-Number: X1640-500-002****Part: side panel left Ebo 124 M nostalgia****Part-Number: X1640-500-003**

Part: side panel right Ebo 124 M**Part-Number: X1640-500-004****Part: side panel right Ebo 124 M nostalgia****Part-Number: X1640-500-005****Part: frame control spot-welded Ebo 124/128 M****Part-Number: X1660-500-010**

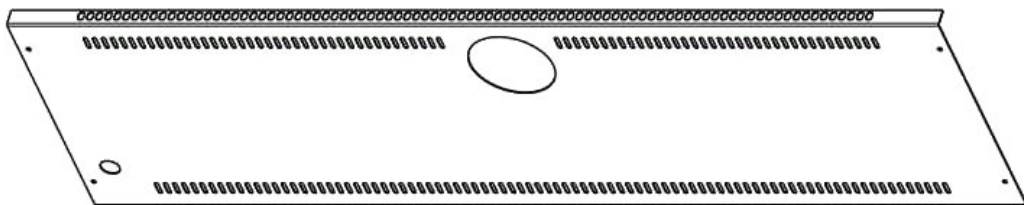
Part: frame control spot-welded Ebo 124/128 M nostalgia

Part-Number: X1660-500-011



Part: rear panel Ebo 124/128 M

Part-Number: X1660-500-022



Servicemanual

frame right Ebo 124/128 M nostalgia, Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: EX1660-500-025

Chapter

110218 - silicone foam square profile

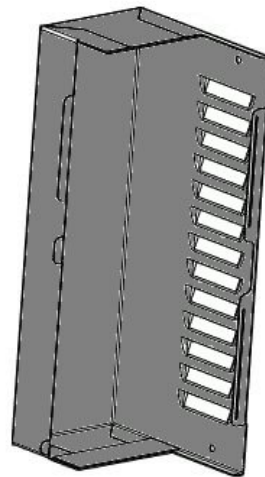
X1660-500-013 - frame right spot-welded Ebo 124/128 M nostalgia

Part: silicone foam square profile

Part-Number: 110218

Part: frame right spot-welded Ebo 124/128 M nostalgia

Part-Number: X1660-500-013



Servicemanual frame right Ebo 124/128 M, Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: EX1660-500-024

Chapter

110218 - silicone foam square profile

X1660-500-012 - frame right spot-welded Ebo 124/128 M

Part: silicone foam square profile

Part-Number: 110218

Part: frame right spot-welded Ebo 124/128 M

Part-Number: X1660-500-012

Service manual Heater Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

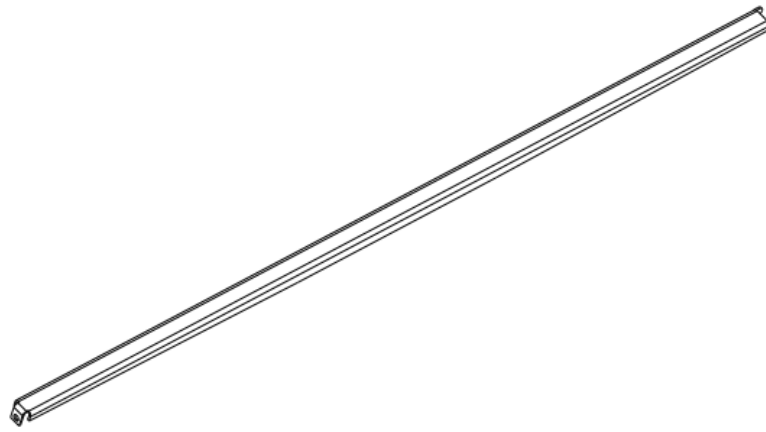
EX1660-300-020 - pipe heater 500W Ebo 124 M 400V 50Hz - V:

EX1660-300-021 - pipe heater 700W Ebo 124 M 400V 50Hz - V:

X1640-001-055 - heating holder top

Part: heating holder top

Part-Number: X1640-001-055



Service manual pipe heater 500W Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: EX1660-300-020

Chapter

110567 - screw M6x16

202-65 - seal for pipe heater

42012 - washer

42201 - spring ring V2A M6

X1660-300-016 - pipe heating 500 W

Part: screw M6x16

Part-Number: 110567

Part: seal for pipe heater

Part-Number: 202-65

When changing the pipe heating, always replace the seal of the pipe heating.

**Part: washer**

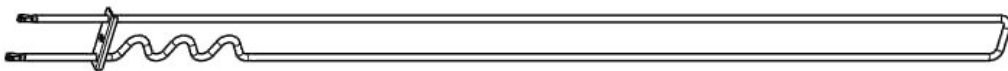
Part-Number: 42012

**Part: spring ring V2A M6**

Part-Number: 42201

**Part: pipe heating 500 W**

Part-Number: X1660-300-016



Service manual pipe heater 700W Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: EX1660-300-021

Chapter

110567 - screw M6x16

202-65 - seal for pipe heater

42012 - washer

42201 - spring ring V2A M6

X1660-300-018 - pipe steaming 700W

Part: screw M6x16

Part-Number: 110567

Part: seal for pipe heater

Part-Number: 202-65

When changing the pipe heating, always replace the seal of the pipe heating.

**Part: washer**

Part-Number: 42012

**Part: spring ring V2A M6**

Part-Number: 42201

**Part: pipe steaming 700W**

Part-Number: X1660-300-018

Service manual

Installation Room Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

Boiler Ebo 124 M 400V 50Hz - V:

condensate drain Ebo 124 M 400V 50Hz - V:

Exhaust Ebo 124 M 400V 50Hz - V:

exhaust piping Ebo 124 M 400V 50Hz - V:

water connection chambers (outside) Ebo 124 M 400V 50Hz - V:

Servicemanual

Boiler Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

EX1640-200-015 - boiler BM Ebo 124 M 400V 50Hz - V:

X1640-200-000 - boiler standard Ebo 124 M 400V 50Hz - V:

EX1660-200-008 - steaming pipe Ebo 124 M 400V 50Hz - V:

X1660-200-021 - water inlet Classic Ebo 124 M 400V 50Hz - V:

X1660-200-020 - water inlet Comfort - Exclusive Ebo 124 M 400V 50Hz - V:

Servicemanual boiler BM Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: EX1640-200-015

Chapter

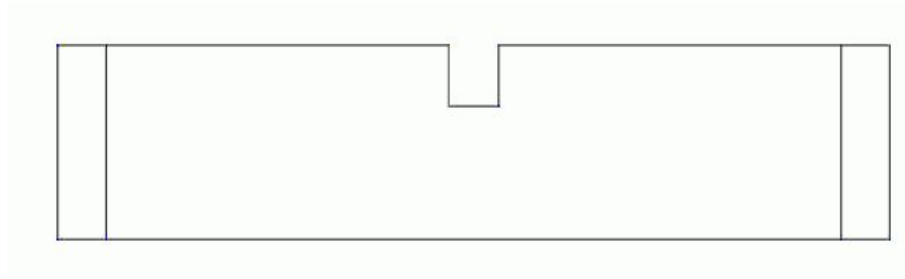
109311 - isolation rear panel outside

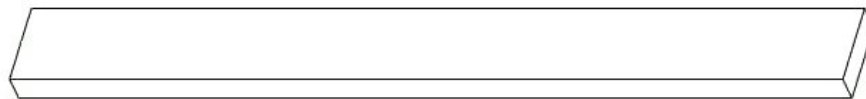
109396 - isolation on the boiler

109397 - isolation under the boiler

109420 - between isolation boiler

X1640-200-000 - boiler standard

Part: isolation rear panel outside**Part-Number: 109311**

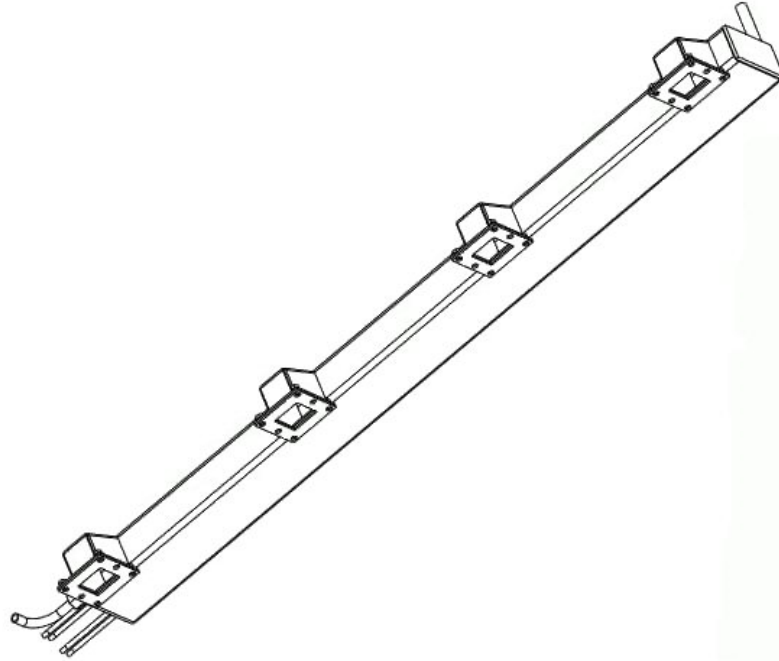
Part: isolation on the boiler**Part-Number: 109396**

Part: isolation under the boiler**Part-Number: 109397**

Part: between isolation boiler**Part-Number: 109420**

Part: boiler standard

Part-Number: X1640-200-000



Servicemanual boiler standard Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

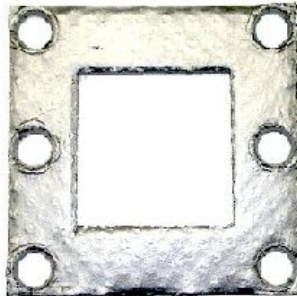
Part-Number: X1640-200-000

Chapter

03617 - seal for steam generator
111126 - hex nut M6 DIN 934
240-96 - pipe heating EBO 124
42012 - washer
42201 - spring ring V2A M6
X1640-200-002 - boiler + steaming

Part: seal for steam generator

Part-Number: 03617



Part: hex nut M6 DIN 934

Part-Number: 111126



Part: pipe heating EBO 124

Part-Number: 240-96



Part: washer

Part-Number: 42012



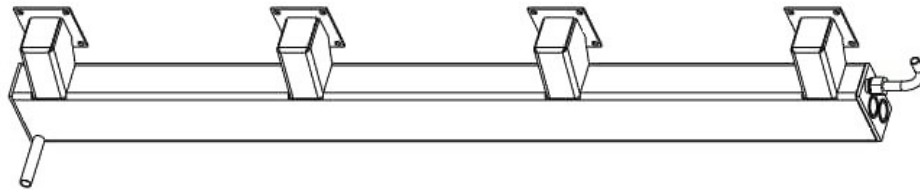
Part: spring ring V2A M6

Part-Number: 42201



Part: boiler + steaming

Part-Number: X1640-200-002



Servicemanual steaming pipe Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: EX1660-200-008

Chapter

402933 - screwing

X1660-200-095 - steaming pipe

Part: screwing

Part-Number: 402933



Part: steaming pipe

Part-Number: X1660-200-095

Service manual water inlet Classic Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: X1660-200-021

Chapter

111323 - Solenoid valve with angled 1 / 4 "thread

33524 - HT - hose silicone D 18xS3 LW12

42237 - hose clamp 12-22/9A1

Part: Solenoid valve with angled 1 / 4 "thread

Part-Number: 111323

Part: HT - hose silicone D 18xS3 LW12

Part-Number: 33524

**Part: hose clamp 12-22/9A1**

Part-Number: 42237



Servicemanual

water inlet Comfort - Exclusive Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: X1660-200-020

Chapter

111323 - Solenoid valve with angled 1 / 4 "thread
33524 - HT - hose silicone D 18xS3 LW12
42237 - hose clamp 12-22/9A1
9060-115-001 - extansion -inside
9060-150-001 - hose nozzle female thread
9060-510-001 - flow meter

Part: Solenoid valve with angled 1 / 4 "thread

Part-Number: 111323

Part: HT - hose silicone D 18xS3 LW12

Part-Number: 33524

**Part: hose clamp 12-22/9A1**

Part-Number: 42237

**Part: extansion -inside**

Part-Number: 9060-115-001

**Part: hose nozzle female thread**

Part-Number: 9060-150-001



Part: flow meter

Part-Number: 9060-510-001



Service manual condensate drain Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

111855 - condensate collector mounted
33524 - HT - hose silicone D 18xS3 LW12

Part: condensate collector mounted

Part-Number: 111855

Part: HT - hose silicone D 18xS3 LW12

Part-Number: 33524



Service manual Exhaust Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

EX1660-250-010 - Exhaust box Ebo 124 M 400V 50Hz - V:

9020-700-004 - actuators EBO

X1660-250-002 - drive shaft welded

Part: actuators EBO

Part-Number: 9020-700-004

Part: drive shaft welded

Part-Number: X1660-250-002



Service manual

Exhaust box Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number: EX1660-250-010

Chapter

106063 - exhaust air box seal
111126 - hex nut M6 DIN 934
112181 - exhaust box mounted
42012 - washer
42201 - spring ring V2A M6
42500 - grub screw
917766 - clamping sleeve

Part: exhaust air box seal

Part-Number: 106063

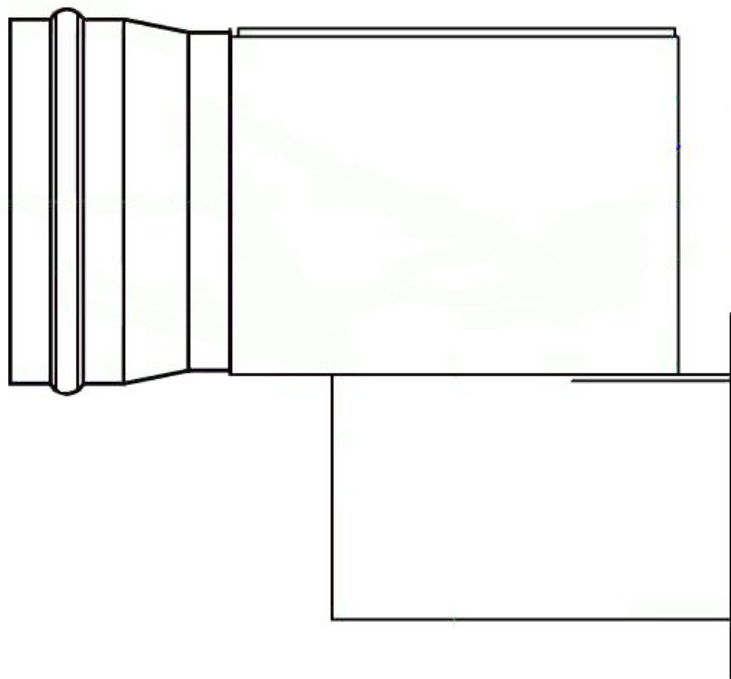
Part: hex nut M6 DIN 934

Part-Number: 111126



Part: exhaust box mounted

Part-Number: 112181



Part: washer**Part-Number: 42012**

Part: spring ring V2A M6**Part-Number: 42201**

Part: grube screw**Part-Number: 42500**

Part: clamping sleeve**Part-Number: 917766**

Service manual exhaust piping Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

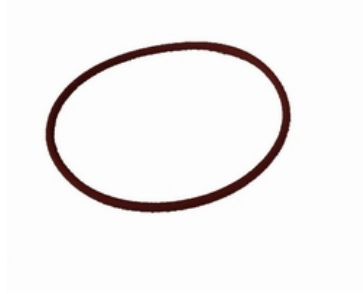
34310 - O-ring, silicone

X1660-205-010 - exhaust pipe M

X1660-205-020 - exhaust pipe M with condensate drain

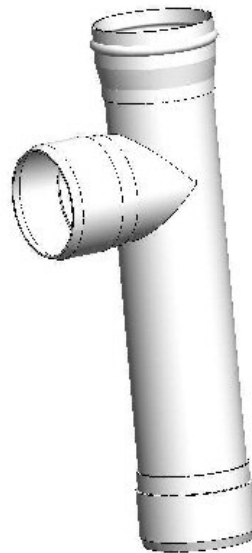
Part: O-ring, silicone

Part-Number: 34310



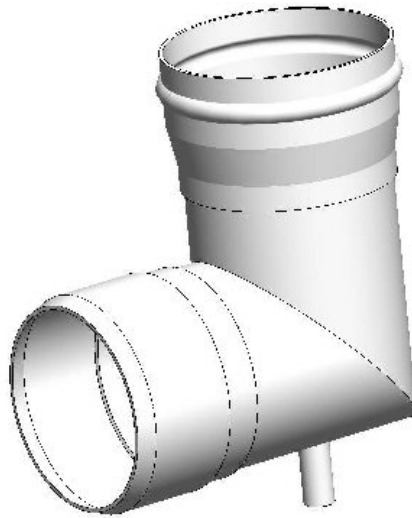
Part: exhaust pipe M

Part-Number: X1660-205-010



Part: exhaust pipe M with condensate drain

Part-Number: X1660-205-020



Service manual

water connection chambers (outside) Ebo 124 M 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

403230 - elbow gland 1/4" Ø10

403231 - T-gland 1/4"

403232 - adapter 3/4" - 1/4"

403233 - plastic tube

403234 - circlip 3/8

Part: elbow gland 1/4" Ø10

Part-Number: 403230



Part: T-gland 1/4"

Part-Number: 403231



Part: adapter 3/4" - 1/4"

Part-Number: 403232



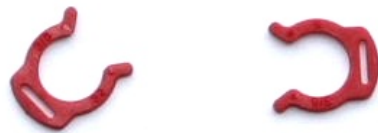
Part: plastic tube

Part-Number: 403233



Part: circlip 3/8

Part-Number: 403234



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