

Service manual

Deck oven Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version: 2.00

Ident:

Series:

Part-Number: X1630

This part can be ordered.



Chapter

baking chamber Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:
control panel Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:
door Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:
electric-installation Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:
frame Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:
installation-room Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:
Insulating lid Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:
piping Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:

Service manual

baking chamber Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version:

Ident:

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Part-Number:



Chapter

107159 - female multipoint connector 2 pole
111342 - multi pin connector
33891 - halogen socket
38098 - halogen lamp 12V 20W
42048 - spring ring 5,2
42210 - washer
42251 - screw
42674 - screw M5x16 DIN933
70508 - Ebo frame for lamps-lower part
70509 - Ebo protective glass f. lamps-lower part
70510 - seal for bottom part of the lamp
9040-510-003 - door buffer Ø15x18 280°C
X1630-014-065 - door sealing
X1700-300-026 - heater gasket
X1730-014-008 - connecting plate right / left 86
X1730-014-030 - stone baking plate
X1730-014-031 - connecting plate infrared
X1730-014-033 - connecting plate right 86
X1730-014-034 - heating holder below
X1730-014-038 - connecting plate left 86
X1730-014-062 - crump tray
X1730-305-030 - heating 400W
X1730-305-031 - heating 500W
X1730-305-040 - heating infrared 500W
X1730-305-041 - heating infrared 600W

Part: female multipoint connector 2 pole

Part-Number: 107159

Part: multi pin connector

Part-Number: 111342

Part: halogen socket

Part-Number: 33891

Check the porcelain lamp holders and cables for damage. Please do not squeeze or kink the cable.



Part: halogen lamp 12V 20W

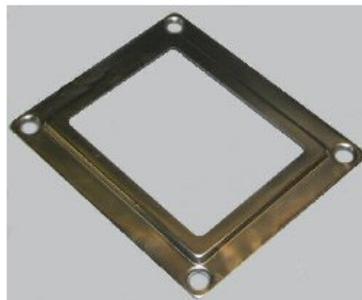
Part-Number: 38098



Part: spring ring 5,2

Part-Number: 42048



Part: washer**Part-Number: 42210****Part: screw****Part-Number: 42251****Part: screw M5x16 DIN933****Part-Number: 42674****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****Part: door buffer Ø15x18 280°C****Part-Number: 9040-510-003**

From the delivery date 12/06/12 the door buffer will be no longer installed.

Part: door sealing**Part-Number: X1630-014-065****Part: heater gasket****Part-Number: X1700-300-026**

Part: connecting plate right / left 86

Part-Number: X1730-014-008

Part: stone baking plate

Part-Number: X1730-014-030

Part: connecting plate infrared

Part-Number: X1730-014-031

Part: connecting plate right 86

Part-Number: X1730-014-033

Part: heating holder below

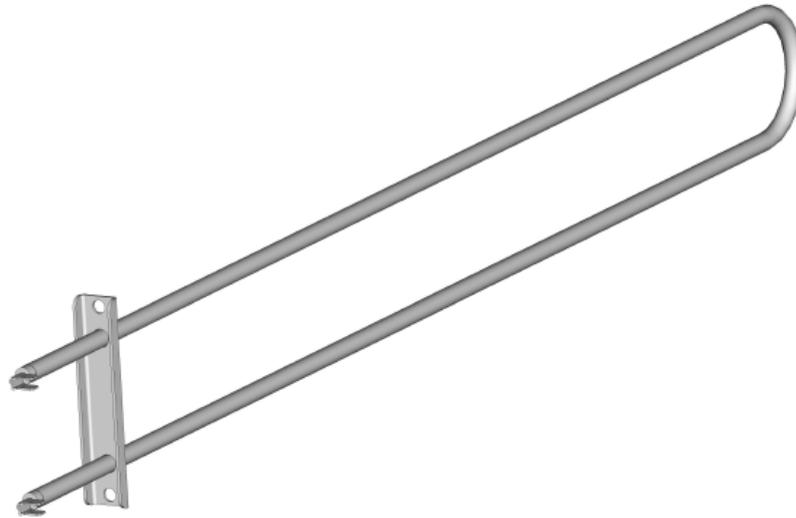
Part-Number: X1730-014-034

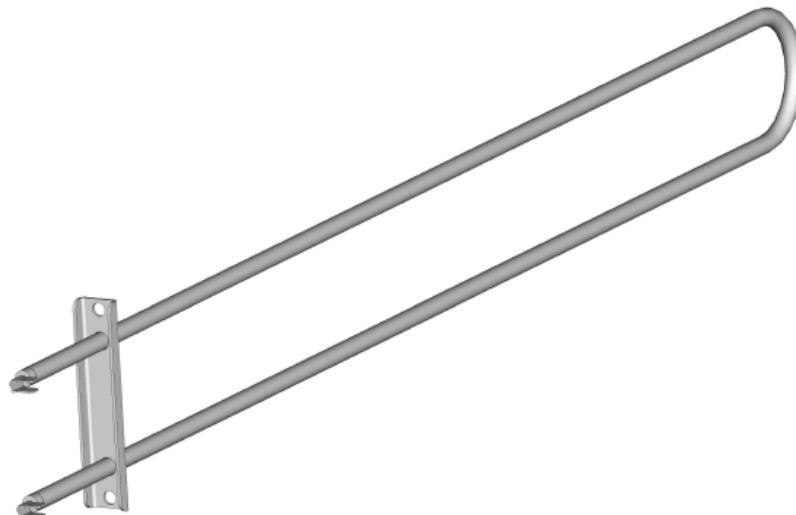
Part: connecting plate left 86

Part-Number: X1730-014-038

Part: crump tray

Part-Number: X1730-014-062

Part: heating 400W**Part-Number: X1730-305-030**

Part: heating 500W**Part-Number: X1730-305-031**

Part: heating infrared 500W**Part-Number: X1730-305-040**

Part: heating infrared 600W**Part-Number: X1730-305-041**

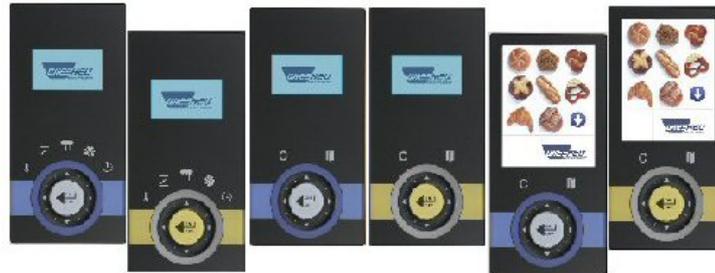
Service manual control panel Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version:

Ident:

Series:

Part-Number:



Chapter

Classic control Ebo 86 M (standard chambers 80/60) 400V 50 Hz - V:

Comfort control Ebo 86 M (standard chambers 80/60) 400V 50 Hz - V:

Exclusive control Ebo 86 M (standard chambers 80/60) 400V 50 Hz - V:

Service manual

Classic control Ebo 86 M (standard chambers 80/60) 400V 50 Hz

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
109919 - hexagonal head screw M4
110525 - end clamp grey
110744 - nut M4 self-locking
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
38400 - loudspeaker
402662 - axial blower 19W heat resistance until 75°C
404699 - safety temperature limiter (UL) 360°C
404814 - intermediate plate clamp
42033 - spring ring M4
42209 - washer D125 4,3
9000-455-001 - drive fastener D10
9030-140-005 - thermocouple
9030-140-006 - thermo sensor
9030-320-006 - glass operating unit Classic Dibas/Ebo
9030-320-011 - glass operating unit Classic nostalgia
9030-330-001 - motherboard universal
9030-330-003 - terminal board active 400V
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
X1600-355-037 - control box
X1600-355-061 - control box nostalgia
X1700-355-034 - hinge
X1700-356-100 - cover
X1700-356-101 - sealing frame
X1700-356-102 - sealing
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: hexagonal head screw M4

Part-Number: 109919

Part: end clamp grey

Part-Number: 110525

Part: nut M4 self-locking

Part-Number: 110744

Part: spacer

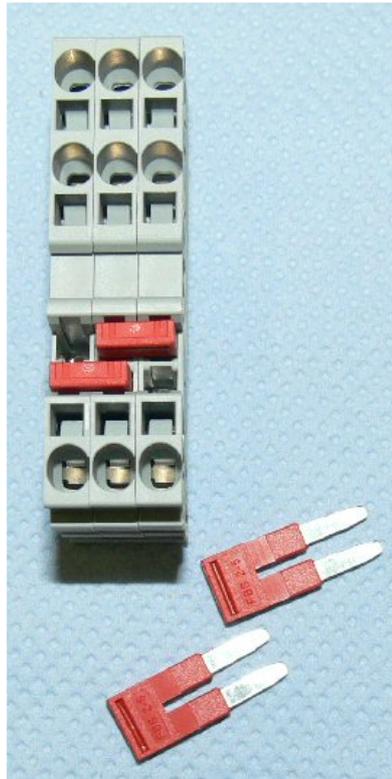
Part-Number: 111231

**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: 38400

The loud speaker signal serves as an acoustic signal. For example notification is given for "temperature reached". "end of program". As well as when opening the door a short gong will sound. If the gong does not work, first of all check the appliance settings. You can reach the menu point "Gong" by going to "Settings - Appliance Settings - Gong". Here you can set the volume and intervals of the sound. If the volume and interval is set to 0 no acoustic signal will be given. Test the gong, by going to the PC-Tool - Function Test. Warning! The PC-Tool- Function test is an endurance test and is not protected from overload!



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

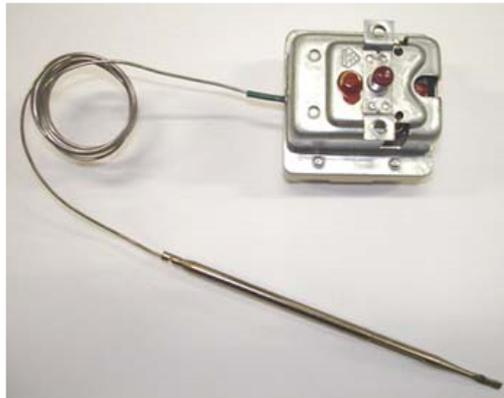
Part-Number: 402662

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



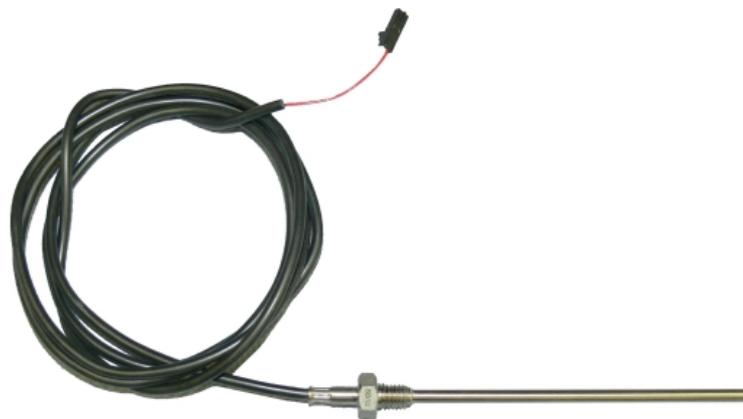
Part: intermediate plate clamp

Part-Number: 404814



Part: spring ring M4

Part-Number: 42033

Part: washer D125 4,3**Part-Number: 42209****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 Classic Dibas/Ebo**Part-Number: 9030-320-006****Part: glass operating unit Classic nostalgia****Part-Number: 9030-320-011****Part: motherboard universal****Part-Number: 9030-330-001**

Part: terminal board active 400V

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: control box

Part-Number: X1600-355-037

Part: control box nostalgia

Part-Number: X1600-355-061

Part: hinge

Part-Number: X1700-355-034

Part: cover

Part-Number: X1700-356-100

Part: sealing frame

Part-Number: X1700-356-101

Part: sealing

Part-Number: X1700-356-102

Part: cover USB interface

Part-Number: X2200-353-053



Service manual

Comfort control Ebo 86 M (standard chambers 80/60) 400V 50 Hz

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
- 109919 - hexagonal head screw M4
- 110525 - end clamp grey
- 110744 - nut M4 self-locking
- 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
- 38400 - loudspeaker
- 402662 - axial blower 19W heat resistance until 75°C
- 404699 - safety temperature limiter (UL) 360°C
- 404814 - intermediate plate clamp
- 42033 - spring ring M4
- 42209 - washer D125 4,3
- 9000-455-001 - drive fastener D10
- 9030-140-005 - thermocouple
- 9030-140-006 - thermo sensor
- 9030-320-005 - glass operating unit Comfort Dibas/Ebo
- 9030-320-012 - glass operating unit Comfort nostalgia
- 9030-330-001 - motherboard universal
- 9030-330-003 - terminal board active 400V
- 9030-430-037 - data cable control Comfort-Classical
- 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
- X1600-355-037 - control box
- X1600-355-061 - control box nostalgia
- X1700-355-034 - hinge
- X1700-355-104 - distance plate USB Comfort
- X1700-355-105 - holder USB Comfort
- X1700-356-100 - cover
- X1700-356-101 - sealing frame
- X1700-356-102 - sealing
- 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: hexagonal head screw M4

Part-Number: 109919

Part: end clamp grey

Part-Number: 110525

Part: nut M4 self-locking

Part-Number: 110744

Part: spacer

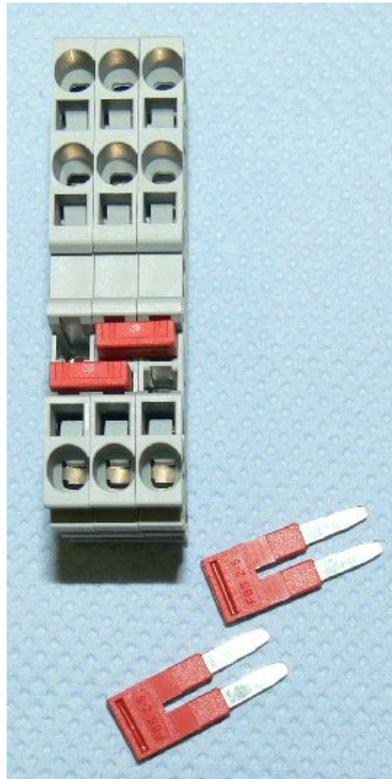
Part-Number: 111231

**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: 38400

The loud speaker signal serves as an acoustic signal. For example notification is given for "temperature reached", "end of program". As well as when opening the door a short gong will sound. If the gong does not work, first of all check the appliance settings. You can reach the menu point "Gong" by going to "Settings - Appliance Settings - Gong". Here you can set the volume and intervals of the sound. If the volume and interval is set to 0 no acoustic signal will be given. Test the gong, by going to the PC-Tool - Function Test. Warning! The PC-Tool- Function test is an endurance test and is not protected from overload!



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

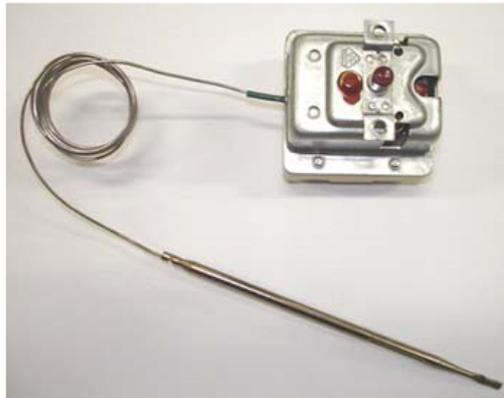
Part-Number: 402662

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: spring ring M4

Part-Number: 42033

Part: washer D125 4,3**Part-Number: 42209****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 Comfort Dibas/Ebo**Part-Number: 9030-320-005****Part: glass operating unit Comfort nostalgia****Part-Number: 9030-320-012****Part: motherboard universal****Part-Number: 9030-330-001**

Part: terminal board active 400V

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: control box

Part-Number: X1600-355-037

Part: control box nostalgia

Part-Number: X1600-355-061

Part: hinge

Part-Number: X1700-355-034

Part: distance plate USB Comfort

Part-Number: X1700-355-104

Part: holder USB Comfort

Part-Number: X1700-355-105

Part: cover

Part-Number: X1700-356-100

Part: sealing frame

Part-Number: X1700-356-101

Part: sealing

Part-Number: X1700-356-102

Part: cover USB interface

Part-Number: X2200-353-053



Service manual

Exclusive control Ebo 86 M (standard chambers 80/60) 400V 50 Hz

Version:

Ident:

Series:

Part-Number:



Chapter

- 107159 - female multipoint connector 2 pole
- 107160 - multi pin connector 3-pole
- 107161 - female multipoint connector 3 pole
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- 109905 - through terminal, blue 2,5m
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- 111345 - cable with plug for axial fan
- 33884 - relay main switch
- 36583 - ferrite core R3615X
- 38400 - loudspeaker
- 402662 - axial blower 19W heat resistance until 75°C
- 404699 - safety temperature limiter (UL) 360°C
- 404814 - intermediate plate clamp
- 42033 - spring ring M4
- 42209 - washer D125 4,3
- 9000-455-001 - drive fastener D10
- 9030-140-005 - thermocouple
- 9030-140-006 - thermo sensor
- 9030-320-004 - glass operating unit Exclusive Dibas/Ebo
- 9030-320-013 - glass operating unit Exclusive nostalgia
- 9030-330-001 - motherboard universal
- 9030-330-003 - terminal board active 400V
- 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
- X1600-355-037 - control box
- X1600-355-061 - control box nostalgia
- X1700-355-034 - hinge
- X1700-355-103 - holder USB exclusive
- X1700-356-100 - cover
- X1700-356-101 - sealing frame
- X1700-356-102 - sealing
- 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: hexagonal head screw M4

Part-Number: 109919

Part: end clamp grey

Part-Number: 110525

Part: nut M4 self-locking

Part-Number: 110744

Part: spacer

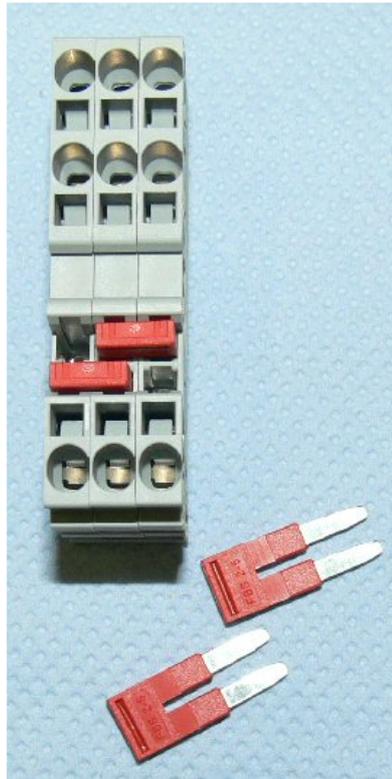
Part-Number: 111231

**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: 38400

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

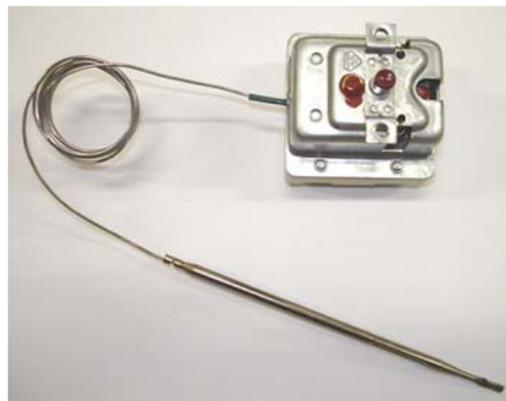
Part-Number: 402662

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



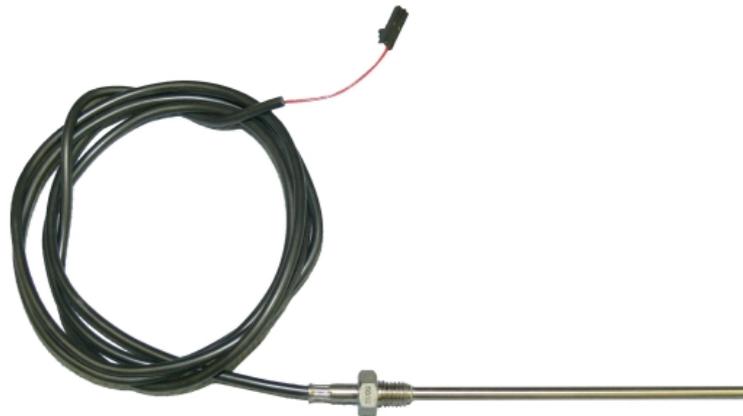
Part: intermediate plate clamp

Part-Number: 404814



Part: spring ring M4

Part-Number: 42033

Part: washer D125 4,3**Part-Number: 42209****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 Exclusive nostalgia****Part-Number: 9030-320-013****Part: motherboard universal****Part-Number: 9030-330-001**

Part: terminal board active 400V

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: control box

Part-Number: X1600-355-037

Part: control box nostalgia

Part-Number: X1600-355-061

Part: hinge

Part-Number: X1700-355-034

Part: holder USB exclusive

Part-Number: X1700-355-103

Part: cover

Part-Number: X1700-356-100

Part: sealing frame

Part-Number: X1700-356-101

Part: sealing

Part-Number: X1700-356-102

Part: cover USB interface

Part-Number: X2200-353-053



Service manual

door Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

X1700-459-061 - Door bearing - V:

X1630-459-024 - Glass panel mounted - V:

10081 - cover cap door handle

101718 - screw M8

104972 - screw

110667 - cylinder head screw M8x40

110743 - hexagonal nut M8

110752 - washer M8

111416 - spring ring M10

36020 - screw M5x35

402793 - collar bush DIN1850

42009 - nut

42072 - nut

42137 - cylinder screw with slot M3x16

42283 - nut

42356 - spring-ring M8

9000-132-005 - screw DIN923 M6x4

9000-140-005 - grub screw M8

9000-220-002 - nut

9010-120-008 - tension spring

9010-240-004 - thrust piece springy M6x15

9010-445-003 - bush without collar D=8x10x5

X1630-459-003 - shaft

X1700-458-015 - deflection lever

X1700-458-016 - handle

X1700-458-021 - handle with thread

X1700-458-022 - handle with bore

X1700-458-025 - supporting disc

X1700-458-036 - door lever coated

X1700-458-038 - sealing door bearing

X1700-458-043 - seal door bearing

X1700-458-067 - isolation shaft

X1700-458-069 - cam

X1700-459-006 - extension shaft

X1700-459-030 - bearing plate

X1700-459-060 - door bearing right

Part: cover cap door handle

Part-Number: 10081

Part: screw M8

Part-Number: 101718

Part: screw

Part-Number: 104972

**Part: cylinder head screw M8x40**

Part-Number: 110667

Part: hexagonal nut M8

Part-Number: 110743

**Part: washer M8**

Part-Number: 110752

Part: spring ring M10

Part-Number: 111416



Part: screw M5x35**Part-Number: 36020**from serial number 10225277

Part: collar bush DIN1850**Part-Number: 402793****Part: nut****Part-Number: 42009****Part: nut****Part-Number: 42072****Part: cylinder screw with slot M3x16****Part-Number: 42137**

Part: nut**Part-Number: 42283****Part: spring-ring M8****Part-Number: 42356****Part: screw DIN923 M6x4****Part-Number: 9000-132-005****Part: grub screw M8****Part-Number: 9000-140-005****Part: nut****Part-Number: 9000-220-002****Part: tension spring****Part-Number: 9010-120-008**

Part: thrust piece springy M6x15

Part-Number: 9010-240-004

Part: bush without collar D=8x10x5

Part-Number: 9010-445-003

Part: shaft

Part-Number: X1630-459-003

Part: deflection lever

Part-Number: X1700-458-015

Part: handle

Part-Number: X1700-458-016

Part: handle with thread

Part-Number: X1700-458-021

Part: handle with bore

Part-Number: X1700-458-022

Part: supporting disc

Part-Number: X1700-458-025

Part: door lever coated

Part-Number: X1700-458-036

Part: sealing door bearing

Part-Number: X1700-458-038

Part: seal door bearing

Part-Number: X1700-458-043

Part: isolation shaft

Part-Number: X1700-458-067

Part: cam

Part-Number: X1700-458-069

Part: extansion shaft

Part-Number: X1700-459-006

Part: bearing plate

Part-Number: X1700-459-030

Part: door bearing right

Part-Number: X1700-459-060

Service manual

Door bearing

Version:

Ident:

Series:

Part-Number: X1700-459-061

Chapter

402793 - collar bush DIN1850

X1700-458-043 - seal door bearing

X1700-459-060 - door bearing right

Part: collar bush DIN1850

Part-Number: 402793



Part: seal door bearing

Part-Number: X1700-458-043

Part: door bearing right

Part-Number: X1700-459-060

Servicemanual

Glass panel mounted

Version:

Ident:

Series:

Part-Number: X1630-459-024

Chapter

- [010] - X1702-460-011 - distance bush
- [020] - X1630-459-014 - glass pane M
- [030] - 9000-129-002 - screw M5 x 16
- [040] - 42034 - nut
- [050] - X1600-459-026 - silicone pad
- [060] - X1600-459-004 - door angle left
- [070] - X1600-459-005 - door angle right

Part: distance bush

Part-Number: X1702-460-011

Part: glass pane M

Part-Number: X1630-459-014

Part: screw M5 x 16

Part-Number: 9000-129-002

Part: nut

Part-Number: 42034

**Part: silicone pad**

Part-Number: X1600-459-026

Part: door angle left

Part-Number: X1600-459-004

Part: door angle right

Part-Number: X1600-459-005

Service manual electric-installation Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

33884 - relay main switch

70508 - Ebo frame for lamps-lower part

70509 - Ebo protective glass f. lamps-lower part

Part: relay main switch

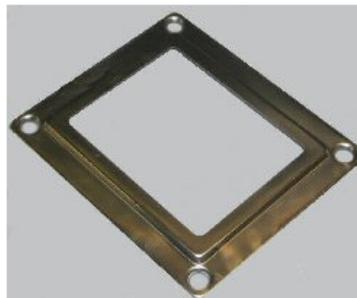
Part-Number: 33884

The contactor switches the heater on/off.



Part: Ebo frame for lamps-lower part

Part-Number: 70508



Part: Ebo protective glass f. lamps-lower part

Part-Number: 70509



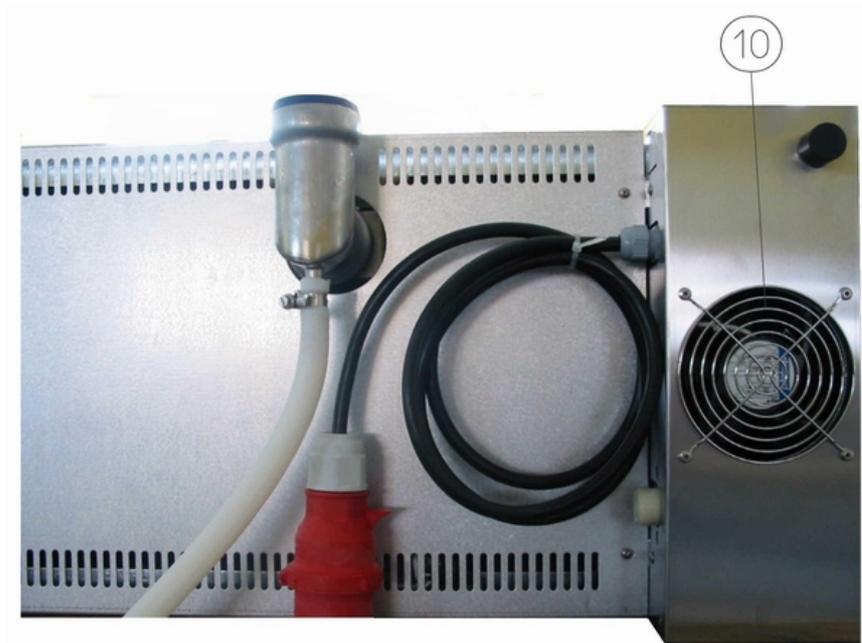
Service manual frame Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version:

Ident:

Series:

Part-Number:



Chapter

107448 - lens flange head screw M4x16

109294 - lens flange head screw 4x10

42033 - spring ring M4

42209 - washer D125 4,3

42392 - screw

X1630-500-015 - side panel left / right

X1630-500-025 - side panel left / right nostalgia

[010] - 402662 - axial blower 19W heat resistance until 75°C

Part: lens flange head screw M4x16

Part-Number: 107448

Part: lens flange head screw 4x10

Part-Number: 109294

Part: spring ring M4

Part-Number: 42033

Part: washer D125 4,3

Part-Number: 42209

**Part: screw**

Part-Number: 42392

**Part: side panel left / right**

Part-Number: X1630-500-015

Part: side panel left / right nostalgia

Part-Number: X1630-500-025

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".



Service manual installation-room Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

exhaust air - V:

57144 - steam generator Ebo 86 M (standard chambers 80/60) 400V 50Hz - V:
water connection chambers among each other - V:

111324 - solenoid valve with straight 1 / 4 "thread

33358 - hose connection G1/4"

33524 - HT - hose silicone D 18xS3 LW12

33780 - T-fitting

400534 - flow controller D=2,0

403754 - solenoid valve (flow restrictor) Attention replaced by 111324

42237 - hose clamp 12-22/9A1

9010-110-008 - pressure spring VD-090Y

9020-700-002 - servo drive, Attention replaced by 9020-700-004

9020-700-004 - actuators EBO

9060-115-001 - extension -inside

9060-510-001 - flow meter

X1700-251-024 - exhaust air gasket; Attention replaced by X1700-258-031

X1700-258-031 -

Part: solenoid valve with straight 1 / 4 "thread

Part-Number: 111324

It is necessary to clean the dirt sieve of the solenoid valve regularly. Particles in the water line will stick to the sieve and interrupt the water flow. Please note the maximum water pressure and other warnings from the data sheets regarding the water connection. The solenoid valve works with a flow pressure of 150 - 600 kPa. You can test the solenoid valve function in the PC - Tool - Test. Attention the test is a continued test and this function is not protected from overload.

Part: hose connection G1/4"

Part-Number: 33358



Part: HT - hose silicone D 18xS3 LW12

Part-Number: 33524



Part: T-fitting

Part-Number: 33780



Part: flow controller D=2,0

Part-Number: 400534

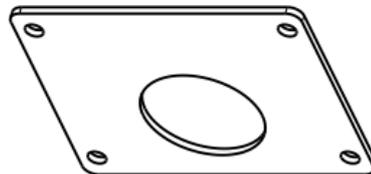


Part: solenoid valve (flow restrictor) Attention replaced by 111324**Part-Number: 403754**

It is necessary to clean the dirt sieve of the solenoid valve regularly. Particles in the water line will stick to the sieve and interrupt the water flow. Please note the maximum water pressure and other warnings from the data sheets regarding the water connection. The solenoid valve works with a flow pressure of 150 - 600 kPa. You can test the solenoid valve function in the PC - Tool - Test. Attention the test is a continued test and this function is not protected from overload.

**Part: hose clamp 12-22/9A1****Part-Number: 42237****Part: pressure spring VD-090Y****Part-Number: 9010-110-008****Part: servo drive, Attention replaced by 9020-700-004****Part-Number: 9020-700-002****Part: actuators EBO****Part-Number: 9020-700-004****Part: extension -inside****Part-Number: 9060-115-001**

Part: flow meter**Part-Number: 9060-510-001**

Part: exhaust air gasket; Attention replaced by X1700-258-031**Part-Number: X1700-251-024****Part:****Part-Number: X1700-258-031**

Service manual exhaust air

Version:

Ident:

Series:

Part-Number:

Chapter

104948 - collar bushing
104972 - screw
111263 - clamping sleeve for chain ring
42008 - nut M4 DIN934
42500 - grub screw
9000-132-009 - hexagonal screw M5x8
9010-445-003 - bush without collar D=8x10x5
9020-700-004 - actuators EBO
X1500-257-018 - camshaft
X1700-258-001 - exhaust air
X1700-258-018 - camshaft
X1700-258-039 - lever connection
X1700-258-055 - holder motor
X1700-258-058 - role
X1730-258-062 - drive shaft

Part: collar bushing

Part-Number: 104948

Part: screw

Part-Number: 104972

**Part: clamping sleeve for chain ring**

Part-Number: 111263

Part: nut M4 DIN934

Part-Number: 42008

**Part: grube screw**

Part-Number: 42500

Part: hexagonal screw M5x8

Part-Number: 9000-132-009

Part: bush without collar D=8x10x5

Part-Number: 9010-445-003

Part: actuators EBO

Part-Number: 9020-700-004

Part: camshaft

Part-Number: X1500-257-018

Part: exhaust air

Part-Number: X1700-258-001

Part: camshaft

Part-Number: X1700-258-018

Part: lever connection

Part-Number: X1700-258-039

Part: holder motor

Part-Number: X1700-258-055

Part: role

Part-Number: X1700-258-058

Part: drive shaft

Part-Number: X1730-258-062

Service manual steam generator Ebo 86 M (standard chambers 80/60) 400V 50Hz

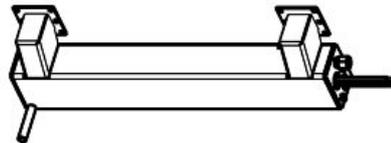
Version:

Ident:

Series:

Part-Number: 57144

This part can be ordered.

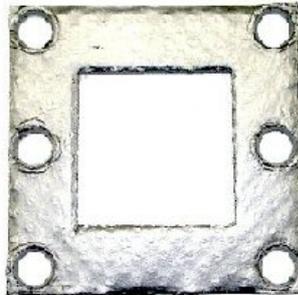


Chapter

03617 - seal for steam generator
111323 - Solenoid valve with angled 1 / 4 "thread
33358 - hose connection G1/4"
33524 - HT - hose silicone D 18xS3 LW12
400534 - flow controller D=2,0
402885 - heater 750W / 230V
402933 - screw connection
404919 - nut for boiler connection
42237 - hose clamp 12-22/9A1
9060-115-001 - extension -inside
9060-210-009 - silicone tube tissue
9060-510-001 - flow meter
EX1530-236-000 - steam generator standard 86 S+M
X1500-236-021 - steaming pipe S,M
X1630-007-008 - isolation second layer
X1700-218-020 - condensate collector
X1700-235-052 - filling section of boiler
X1700-235-053 - blind cover solenoid valve
X1720-235-001 - steam generator XEbo 68

Part: seal for steam generator

Part-Number: 03617

**Part: Solenoid valve with angled 1 / 4 "thread**

Part-Number: 111323

Part: hose connection G1/4"

Part-Number: 33358

**Part: HT - hose silicone D 18xS3 LW12**

Part-Number: 33524

**Part: flow controller D=2,0**

Part-Number: 400534



Part: heater 750W / 230V

Part-Number: 402885

When replacing the pipe heater always to seal the heating pipe to be replaced.



Part: screw connection

Part-Number: 402933



Part: nut for boiler connection

Part-Number: 404919

Part: hose clamp 12-22/9A1

Part-Number: 42237



Part: extension -inside

Part-Number: 9060-115-001



Part: silicone tube tissue

Part-Number: 9060-210-009

Part: flow meter

Part-Number: 9060-510-001



Part: steam generator standard 86 S+M

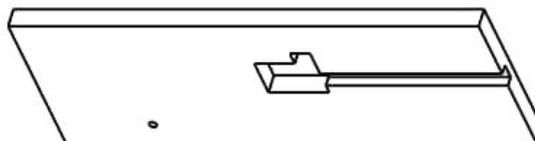
Part-Number: EX1530-236-000

Part: steaming pipe S,M

Part-Number: X1500-236-021

Part: isolation second layer

Part-Number: X1630-007-008



Part: condensate collector

Part-Number: X1700-218-020

Part: filling section of boiler

Part-Number: X1700-235-052

Part: blind cover solenoid valve

Part-Number: X1700-235-053

Part: steam generator XEbo 68

Part-Number: X1720-235-001

Servicemanual

water connection chambers among each other

Version:

Ident:

Series:

Part-Number:

Chapter

403230 - angle screw connection 1/4" Ø10

403231 - T-screw-in connection 1/4"

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

403233 - plastic tube

403234 - circlip 3/8

Part: angle screw connection 1/4" Ø10

Part-Number: 403230



Part: T-screw-in connection 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



Servicemanual

Insulating lid Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

X1730-116-100 - insulating lid down

X1730-116-101 - insulating lid up

X1730-116-102 - insulating lid down nostalgia

X1730-116-103 - insulating lid up nostalgia

Part: insulating lid down

Part-Number: X1730-116-100

Part: insulating lid up

Part-Number: X1730-116-101

Part: insulating lid down nostalgia

Part-Number: X1730-116-102

Part: insulating lid up nostalgia

Part-Number: X1730-116-103

Servicemanual piping Ebo 86 M (standard chambers 80/60) 400V 50Hz

Version:

Ident:

Series:

Part-Number:



Chapter

33970 - exhaust air duct gasket DN 50 to 26632

34310 - O-ring, silicone

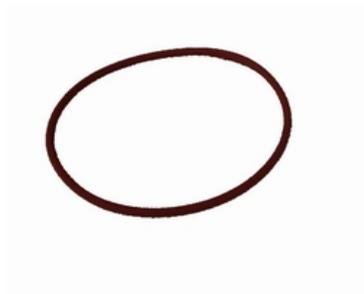
X1600-200-009 - exhaust tube Ebo M

X1600-200-011 - exhaust tube Ebo M with drain

Part: exhaust air duct gasket DN 50 to 26632**Part-Number: 33970**

The exhaust air must always exit upwards. Make sure that no steam reaches the electrical slide. The seal must be exchanged when discoloration or cracks occur.



Part: O-ring, silicone**Part-Number: 34310**

Part: exhaust tube Ebo M**Part-Number: X1600-200-009**

Part: exhaust tube Ebo M with drain**Part-Number: X1600-200-011**

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