

# **Service manual Minimat 64 L**

**Version: 2.00**

**Ident:**

**Series:**

**Part-Number: X1220**

**This part can be ordered.**

## **Chapter**

baking chamber, Minimat 64 L 400V 50Hz - V:  
control unit, Minimat 64 L 400V 50Hz - V:  
78019 - door, Minimat 64 L 400V 50Hz - V:  
frame, Minimat 64 L 400V 50Hz - V:  
installation-room, Minimat 64 L 400V 50Hz - V:

# **Service manual baking chamber, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number:**

## **Chapter**

X1200-300-005 - heater recirculating, Minimat 64 L 400V 50Hz - V:

X1200-011-000 - oven comfort, Minimat 64 L 400V 50Hz - V:

tray runners - V:

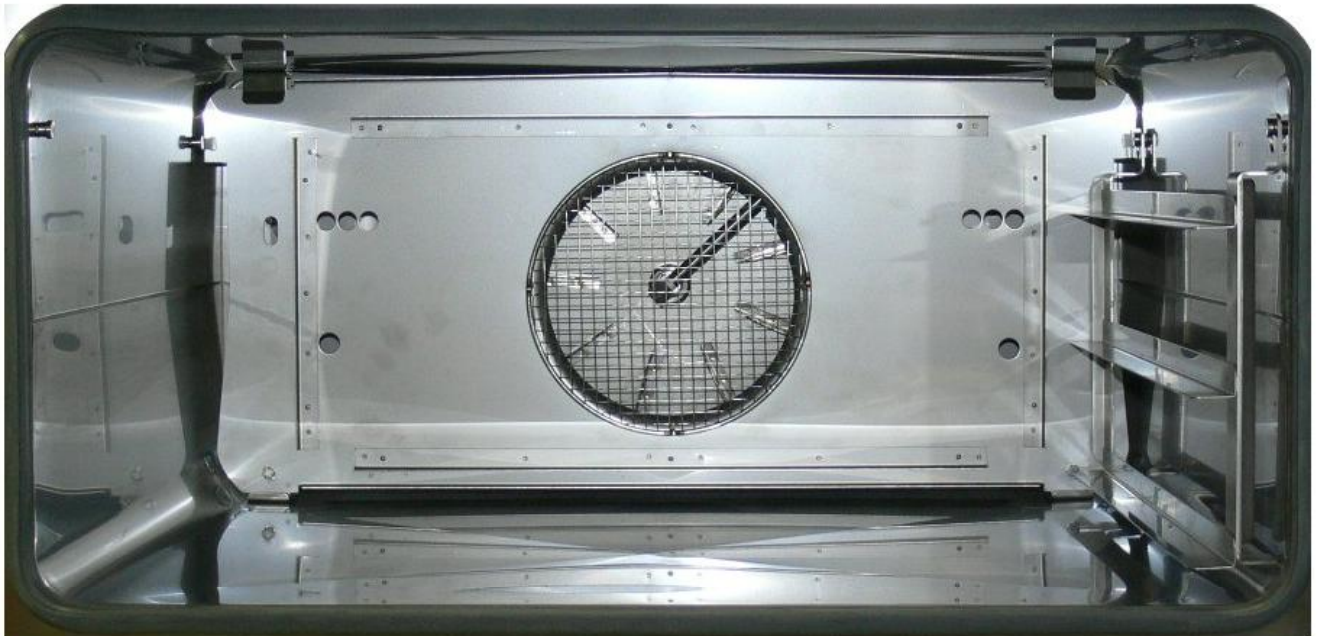
# Service manual heater recirculating, Minimat 64 L 400V 50Hz

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-300-005**



## Chapter

00525 - distance sleeve 15 mm  
106007 - motor shaft seal  
106013 - holder isolation  
106025 - support heating 5 kW  
107163 - female connector 5-pole  
107825 - flange heater 7,5 kW  
107894 - ventilation cover  
109859 - multi pin connector 5-pole  
110676 - screw M5x12  
110753 - washer d= 10,5  
111126 - hex nut M6 DIN 934  
111127 - hexagonal nut M5  
400644 - motor cover  
400654 - fan wheel  
42008 - nut  
42048 - spring ring 5,2  
42105 - screw  
42210 - washer  
42330 - washer  
78016 - heater 7500 W  
9020-110-005 - fan motor Min64 M, L with 2 rotation speeds  
9085-200-003 - seal heater

**Part: distance sleeve 15 mm**

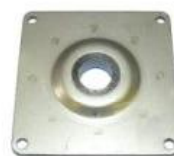
Part-Number: 00525

**Part: motor shaft seal**

Part-Number: 106007

**Part: holder isolation**

Part-Number: 106013

**Part: support heating 5 kW**

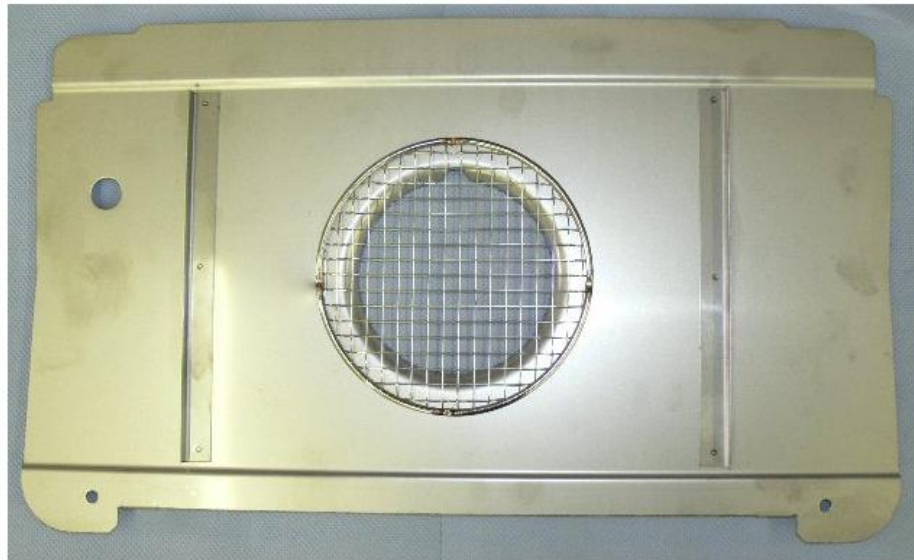
Part-Number: 106025

**Part: female connector 5-pole**

Part-Number: 107163

**Part: flange heater 7,5 kW****Part-Number: 107825**

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**Part: ventilation cover****Part-Number: 107894****Part: multi pin connector 5-pole****Part-Number: 109859****Part: screw M5x12****Part-Number: 110676**

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**Part: washer d= 10,5****Part-Number: 110753**

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## Part: hex nut M6 DIN 934

Part-Number: 111126



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## Part: hexagonal nut M5

Part-Number: 111127

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## Part: motor cover

Part-Number: 400644

The engine cover must be placed in operation again and secured using the fixing screws.



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## Part: fan wheel

Part-Number: 400654

The manufacturer tested the fan wheel for imbalance. Keep away any direct heat from the fan wheel for e.g. Blow lamps, otherwise the wheel will not run smoothly. An imbalance of the wheel will damage the motor and yield unsatisfactory baking results. The fan wheel is attached to the motor shaft and a fan wheel removal device must be used when replacing it. At any sign of imbalance the fan wheel must be replaced to prevent further damage.



**Part: nut****Part-Number: 42008****Part: spring ring 5,2****Part-Number: 42048****Part: screw****Part-Number: 42105****Part: washer****Part-Number: 42210****Part: washer****Part-Number: 42330**

## Part: heater 7500 W

**Part-Number: 78016**

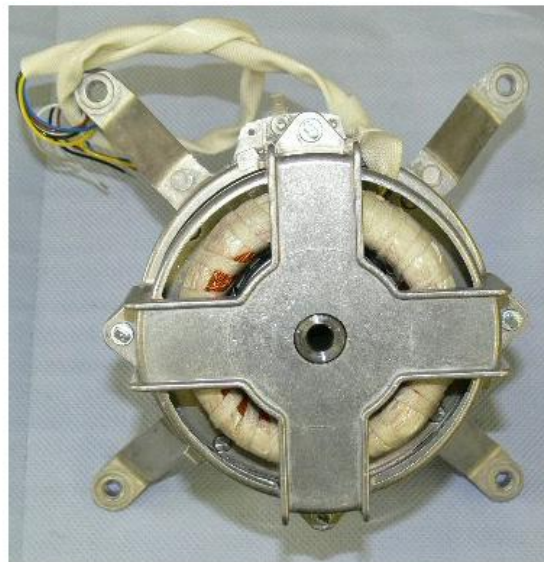
The ring heater is attached by the securing loops on the welded bolts on the oven wall with the nuts. The heater flange is secured with hexagonal screws. The ring heater can be replaced. When replacing the ring heater the seal must be also be replaced. Work with thread free hexagonal screws to prevent damage that may be caused by heat.



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## Part: fan motor Min64 M, L with 2 rotation speeds

**Part-Number: 9020-110-005**



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## Part: seal heater

**Part-Number: 9085-200-003**





# **Service manual oven comfort, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-011-000**

## **Chapter**

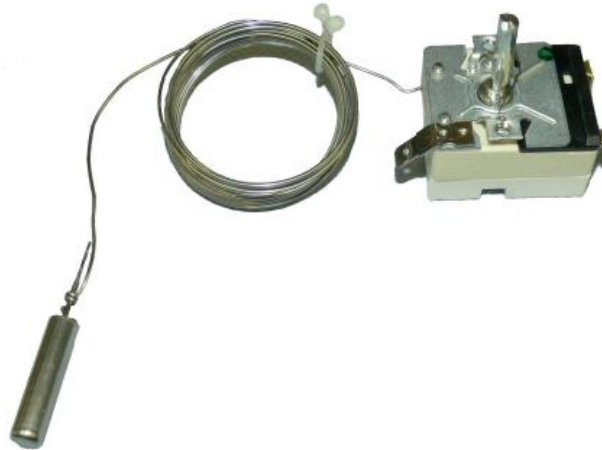
06035 - tray runners Minimat  
08628 - thermostat tube  
107663 - punched tray  
107923 - thermocouple plug  
107924 - thermocouple tube  
37981 - capillary tube regulator  
38337 - door seal MINIMAT  
9030-140-005 - thermocouple

**Part: tray runners Minimat****Part-Number: 06035****Part: thermostat tube****Part-Number: 08628****Part: punched tray****Part-Number: 107663****Part: thermocouple plug****Part-Number: 107923****Part: thermocouple tube****Part-Number: 107924**

## Part: capillary tube regulator

**Part-Number: 37981**

The thermostat measures the oven temperature. The fluid in the capillary tube measures the temperature. Be sure not to kink the capillary tube when placing it the result will be a false reading or interruption. Insulate the capillary tube on critical spots ( e.g. circuit board) with silicone hose article number 40074.



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## Part: door seal MINIMAT

**Part-Number: 38337**

The door seal is glued with transparent heat resistant silicone on the radii, on the edges and on the long stretches. Should this be exchanged the old seal must be removed with the help of a knife. Clean the tracks and remove all silicone remains. Ensure when installing that the seal is completely in the frame. Order the door seal as cut ware. Instructions for installation and length of door seal can be found in the assembly instructions.



**Part: thermocouple**

**Part-Number: 9030-140-005**



# **Service manual tray runners**

**Version:**

**Ident:**

**Series:**

**Part-Number:**

## **Chapter**

111502 - tray left 5 plates

111503 - tray right 5 plates



**Part: tray left 5 plates**

**Part-Number: 111502**



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**Part: tray right 5 plates**

**Part-Number: 111503**



# **Servicemanual control unit, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number:**

## **Chapter**

X1200-301-010 - control panel classic assembled, Minimat 64 L 400V 50Hz - V:

X1200-355-000 - control panel comfort assembled, Minimat 64 L 400V 50Hz - V:

X1200-355-026 - slider classic assembled, Minimat 64 L 400V 50Hz - V:

X1200-355-027 - slider comfort assembled, Minimat 64 L 400V 50Hz - V:

# **Servicemanual**

## **control panel classic assembled, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-301-010**

### **Chapter**

107215 - control lamp 120 degrees WB 90  
107216 - glass sign Lux yellow WB 90  
110239 - carrier thermostat  
110855 - silicone hose  
34862 - knob thermostat  
35148 - signal lamp with clip  
36691 - knob timer  
400342 - safety limit switch  
400771 - illuminated key attachment adapter  
400772 - illuminated key LED 230 V  
400773 - illuminated key closing contact  
401082 - illuminated key  
401083 - illuminated notch (ON / OFF)  
421017 - clock timer 60 minutes  
70355 - safety limit switch  
9030-325-001 - illuminated push-button black  
9030-325-002 - button lense flat, "ON" "OFF"  
9030-325-003 - button lense flat, steaming  
9030-325-004 - button lense flat, fan speed  
X1200-355-017 - cover classic tank  
X1200-355-018 - cover classic

**Part: control lamp 120 degrees WB 90**

Part-Number: 107215

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**Part: glass sign Lux yellow WB 90**

Part-Number: 107216

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**Part: carrier thermostat**

Part-Number: 110239

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**Part: silicone hose**

Part-Number: 110855

**Part: knob thermostat**

Part-Number: 34862

Please note when ordering: Thermostat dial and timer dial have different connectors and are not compatible



## Part: signal lamp with clip

Part-Number: 35148



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## Part: knob timer

Part-Number: 36691

Please note when ordering: Thermostat dial and timer dial have different connectors and are not compatible



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## Part: safety limit switch

Part-Number: 400342

The thermostat knob regulates the post running of the fan to prevent the electrical components from overheating.





## Part: illuminated key attachment adapter

Part-Number: 400771



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## Part: illuminated key LED 230 V

Part-Number: 400772

LED only with manual version as well as IS400 version with water tank.



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## Part: illuminated key closing contact

Part-Number: 400773

By locking the switch the contactor tightens and the normally open contact closes the inductor circuit as long as the power is supplied.



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## Part: illuminated key

Part-Number: 401082

The illuminated key does not click in. It only functions as long as it is pressed e.g. steaming



## Part: illuminated notch (ON / OFF)

**Part-Number: 401083**

The illuminated key clicks in when in use. To deactivate the key it must be pressed. For example on/off



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## Part: clock timer 60 minutes

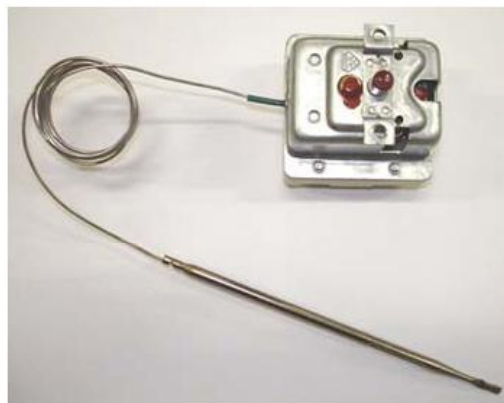
**Part-Number: 421017**

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## Part: safety limit switch

**Part-Number: 70355**

The temperature safety limit switch (STB) is the overheating protection for the baking chamber. It is activated at a temperature of 360°C. The heater connector switches off and the appliance quits working. Once the oven cools down the STB can be manually reset. The measurement occurs from the fluid in the capillary tube. Ensure when placing the capillary tube that it does not kink. The result is false readings or interruption. Insulate the capillary tube on the critical spots (e.g. circuit board) with silicone hose article number 40074.



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## Part: illuminated push-button black

**Part-Number: 9030-325-001**

**Part: button lense flat, "ON" "OFF"**

Part-Number: 9030-325-002



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**Part: button lense flat, steaming**

Part-Number: 9030-325-003



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**Part: button lense flat, fan speed**

Part-Number: 9030-325-004



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**Part: cover classic tank**

Part-Number: X1200-355-017

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**Part: cover classic**

Part-Number: X1200-355-018

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# **Servicemanual**

## **control panel comfort assembled, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-355-000**

### **Chapter**

107695 - blade terminal, double 6,3

110239 - carrier thermostat

110855 - silicone hose

70355 - safety limit switch

9030-320-007 - Comfort Minimat

X1200-355-029 - seal

X1200-355-065 - cover comfort tank, glued

X1200-355-066 - cover comfort, glued

X1200-355-116 - cover control

X1200-355-117 - fastener USB

**Part: blade terminal, double 6,3****Part-Number: 107695**

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**Part: carrier thermostat****Part-Number: 110239**

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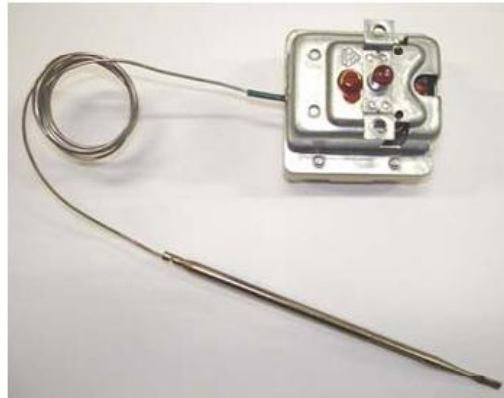
**Part: silicone hose****Part-Number: 110855**



## Part: safety limit switch

**Part-Number: 70355**

The temperature safety limit switch (STB) is the overheating protection for the baking chamber. It is activated at a temperature of 360°C. The heater connector switches off and the appliance quits working. Once the oven cools down the STB can be manually reset. The measurement occurs from the fluid in the capillary tube. Ensure when placing the capillary tube that it does not kink. The result is false readings or interruption. Insulate the capillary tube on the critical spots (e.g. circuit board) with silicone hose article number 40074.



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## Part: Comfort Minimat

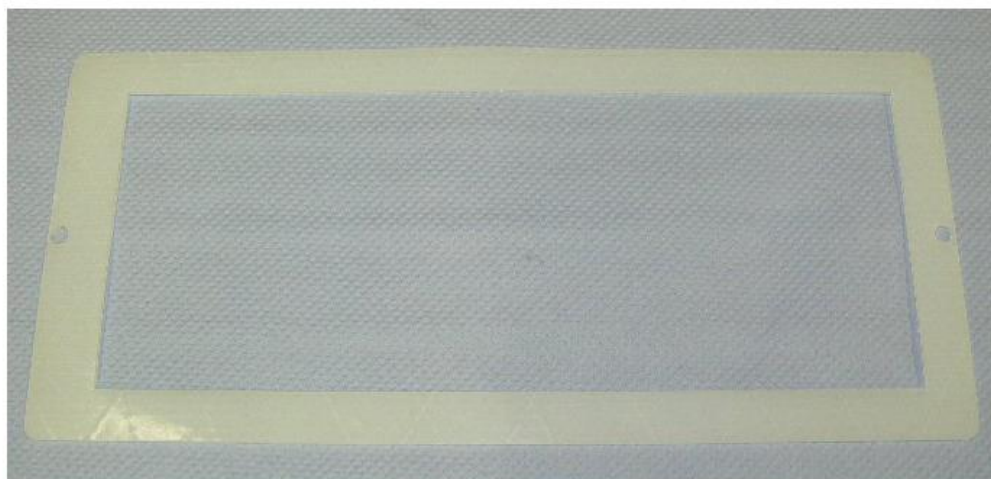
**Part-Number: 9030-320-007**



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## Part: seal

**Part-Number: X1200-355-029**



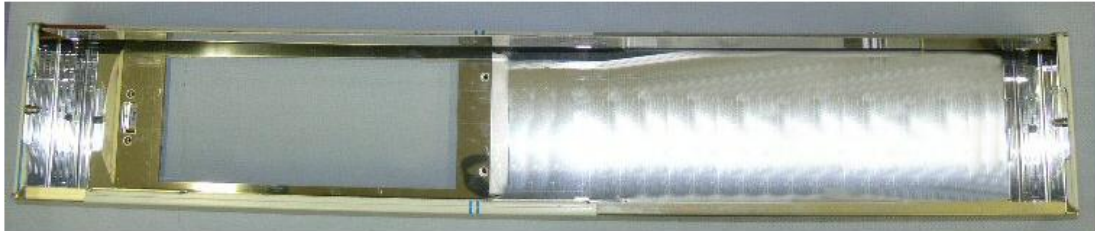
**Part: cover comfort tank, glued**

Part-Number: X1200-355-065

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**Part: cover comfort, glued**

Part-Number: X1200-355-066

**Part: cover control**

Part-Number: X1200-355-116

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**Part: fastener USB**

Part-Number: X1200-355-117

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# Service manual

## slider classic assembled, Minimat 64 L 400V 50Hz

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-355-026**

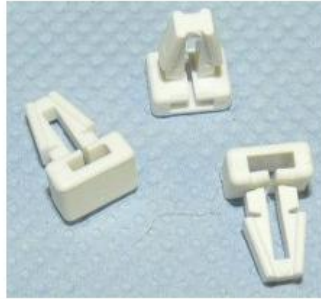
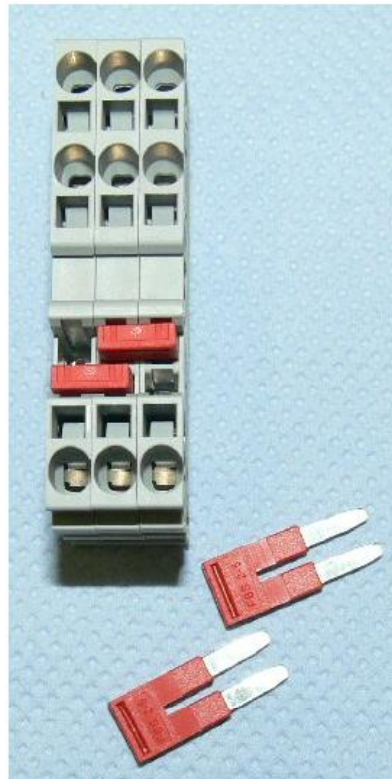


### Chapter

- 107082 - fastening element for cable clip 6mm
- 109042 - bearing rail l=225
- 109905 - through terminal, blue 2,5m
- 109906 - PE- terminal
- 111338 - holder for wire harness
- 111343 - cross bridge iso. red 24 A 4/0
- 111344 - continuation clamp gray 2,5qmm
- 111345 - cable with plug for axial fan
- 33884 - relay main switch
- 34100 - transformer
- 36058 - buzzer
- 36304 - cam switch
- 404810 - end clamp grey
- 404814 - intermediate plate clamp
- 9030-430-040 - cable set Minimat classic
- X1200-355-028 - slide Minimat

**Part: fastening element for cable clip 6mm****Part-Number: 107082****Part: bearing rail l=225****Part-Number: 109042****Part: through terminal, blue 2,5m****Part-Number: 109905****Part: PE- terminal****Part-Number: 109906**



**Part: holder for wire harness****Part-Number: 111338****Part: cross bridge iso. red 24 A 4/0****Part-Number: 111343**



**Part: continuation clamp gray 2,5qmm****Part-Number: 111344****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: transformer

Part-Number: 34100



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## Part: buzzer

Part-Number: 36058

An acoustic signal is given at the end of the timer. ( Buzzer 230 V )



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## Part: cam switch

Part-Number: 36304

The cam switch is a timed controlled direction changer of the fanwheel and controls the turning contactor.



## Part: end clamp grey

Part-Number: 404810



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## Part: intermediate plate clamp

Part-Number: 404814



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## Part: cable set Minimat classic

Part-Number: 9030-430-040



**Part: slide Minimat**

**Part-Number: X1200-355-028**

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# Service manual

## slider comfort assembled, Minimat 64 L 400V 50Hz

**Version:**

**Ident:**

**Series:**

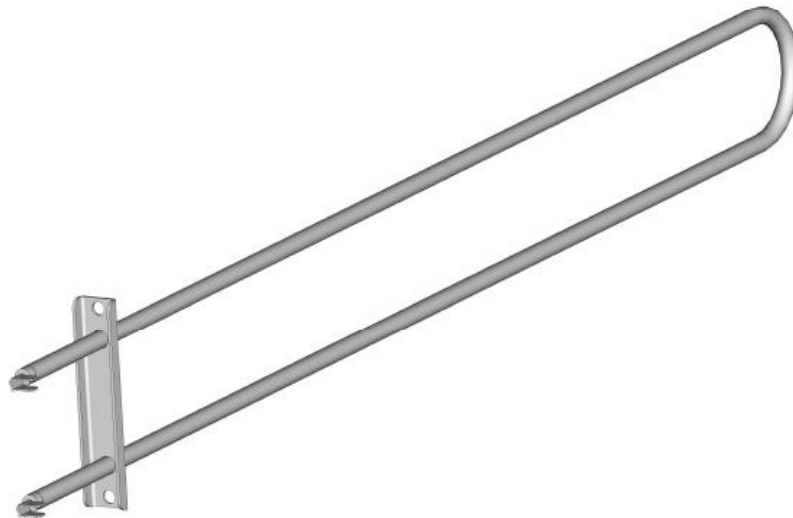
**Part-Number: X1200-355-027**



### Chapter

107082 - fastening element for cable clip 6mm  
107159 - female multipoint connector 2 pole  
107161 - female multipoint connector 3 pole  
107657 - spacer for circuit boards  
109042 - bearing rail l=225  
109904 - end clamp grey  
111231 - spacer  
111338 - holder for wire harness  
111345 - cable with plug for axial fan  
33884 - relay main switch  
9030-330-001 - motherboard universal  
9030-330-003 - terminal board active  
9030-330-004 - additional board hoppo Minimat  
9030-430-037 - data cable control Comfort-Classic  
9030-430-041 - cable set Minimat comfort  
9030-430-113 - USB-extension cord  
X1200-355-028 - slide Minimat



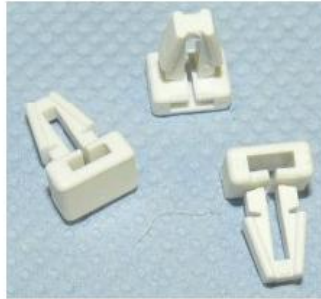
**Part: fastening element for cable clip 6mm****Part-Number: 107082****Part: female multipoint connector 2 pole****Part-Number: 107159****Part: female multipoint connector 3 pole****Part-Number: 107161**



**Part: spacer for circuit boards****Part-Number: 107657****Part: bearing rail I=225****Part-Number: 109042****Part: end clamp grey****Part-Number: 109904****Part: spacer****Part-Number: 111231**

## Part: holder for wire harness

Part-Number: 111338



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## Part: cable with plug for axial fan

Part-Number: 111345



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## Part: relay main switch

Part-Number: 33884

The contactor switches the heater on/off.



## Part: motherboard universal

Part-Number: 9030-330-001



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## Part: terminal board active

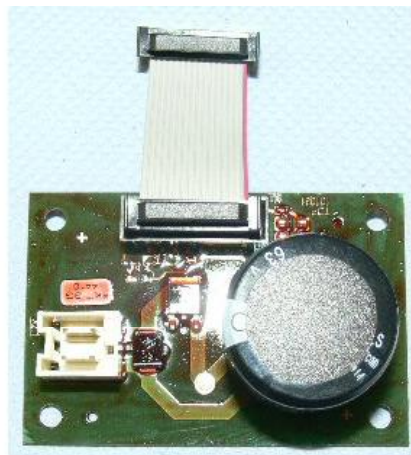
Part-Number: 9030-330-003

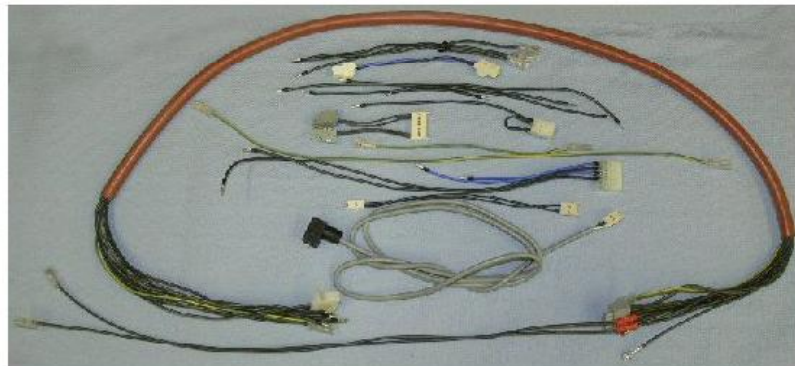


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## Part: additional board hoppo Minimat

Part-Number: 9030-330-004



**Part: data cable control Comfort-Classic****Part-Number: 9030-430-037****Part: cable set Minimat comfort****Part-Number: 9030-430-041****Part: USB-extension cord****Part-Number: 9030-430-113****Part: slide Minimat****Part-Number: X1200-355-028**

# **Service manual door, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: 78019**

**This part can be ordered.**

## **Chapter**

X1200-450-001 - door assembled, Minimat 64 M 400 V 50Hz - V:

door latch mechanical, Minimat 64 L 400V 50 Hz - V:

X1200-400-020 - latch electrical right, Minimat 64 L 400V 50 Hz - V:



# **Servicemanual**

## **door assembled, Minimat 64 M 400 V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-450-001**

### **Chapter**

06288 - hinge bolts top  
100171 - silicone underlay Minimat door  
107793 - terminal block 6mm<sup>2</sup> with boring  
110900 - hose heat shrinkable  
111807 - sealing pane bonded, MIN3, Minimat 64L  
31335 - drain gutter MINIMAT2 and MINIMAT3  
33427 - halogen lamp 12V 20W  
33891 - halogen socket  
36050 - DU bushing  
37502 - rubber foot silicone  
39092 - blind plug, door MINIMAT  
42642 - thrust piece  
9000-199-003 - screw thread furrow  
9040-110-001 - double ball catch  
9040-150-001 - handle Minimat  
X1200-400-010 - right door Min 64 L complete  
X1200-400-011 - left door Min 64 L complete



## **Part: hinge bolts top**

**Part-Number: 06288**

In order to correctly set the door, close the door and press with a wrench the door slightly outward. Tighten the upper hexagon with a spanner. The lower door hinge is set in the same way. Align the door bracket and the electric door lock to each other from the center to ensure a smooth running of the door and electric door lock. Check the tightness of the door with the help of a sheet of paper.



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## **Part: silicone underlay Minimat door**

**Part-Number: 100171**

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## **Part: terminal block 6mm<sup>2</sup> with boring**

**Part-Number: 107793**

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## **Part: hose heat shrinkable**

**Part-Number: 110900**

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**Part: sealing pane bonded, MIN3, Minimat 64L**

**Part-Number: 111807**



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**Part: drain gutter MINIMAT2 and MINIMAT3**

**Part-Number: 31335**



## Part: halogen lamp 12V 20W

Part-Number: 33427



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## Part: halogen socket

Part-Number: 33891

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



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## Part: DU bushing

Part-Number: 36050



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## Part: rubber foot silicone

Part-Number: 37502

The separator between the sealing pane and the viewing pane ensures that it will not bend. This ensures that even in extreme conditions for example when steaming that the Minimat door remains sealed



**Part: blind plug, door MINIMAT**

Part-Number: 39092

**Part: thrust piece**

Part-Number: 42642

**Part: screw thread furrow**

Part-Number: 9000-199-003

**Part: double ball catch**

Part-Number: 9040-110-001

**Part: handle Minimat**

Part-Number: 9040-150-001

**Part: right door Min 64 L complete**

Part-Number: X1200-400-010

**Part: left door Min 64 L complete**

**Part-Number: X1200-400-011**

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# **Servicemanual**

## **door latch mechanical, Minimat 64 L 400V 50 Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number:**

### **Chapter**

00000797 - holding plate

106006 - block holder left

107571 - spacers

109123 -

111698 - mechanical door latch right MIN 3

111699 - mechanical door latch left MIN 3

400141 - contact switch door (MAN)

400542 - door latch, mechanical

400600 - mechanical closing sheet, MINIMAT left

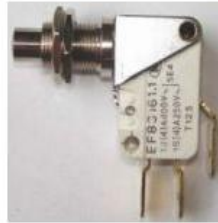
400973 - mechanical closing sheet, MINIMAT right



**Part: holding plate****Part-Number: 00000797****Part: block holder left****Part-Number: 106006****Part: spacers****Part-Number: 107571****Part:****Part-Number: 109123****Part: mechanical door latch right MIN 3****Part-Number: 111698****Part: mechanical door latch left MIN 3****Part-Number: 111699**

## Part: contact switch door (MAN)

Part-Number: 400141



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## Part: door latch, mechanical

Part-Number: 400542

The door block is fastened with 2 hexagonal screws M5 (wrench size 8) By loosening the screws the door blocks can be optimally adjusted. Tighten the screws once set. Secure the screws with Loctite 243 Article Number 61905.



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## Part: mechanical closing sheet, MINIMAT left

Part-Number: 400600



**Part: mechanical closing sheet, MINIMAT right**

**Part-Number: 400973**



# **Servicemanual**

## **latch electrical right, Minimat 64 L 400V 50 Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-400-020**

### **Chapter**

00000797 - holding plate

106006 - block holder left

107634 - closing sheet left / door hinge right

107635 - closing sheet right / door hinge left

107650 - emergency opening door Minimat

110855 - silicone hose

36195 - electrical magnetic closure (IS)

36198 - door latch, electrical

9030-330-004 - additional board hoppo Minimat

**Part: holding plate****Part-Number: 00000797****Part: block holder left****Part-Number: 106006****Part: closing sheet left / door hinge right****Part-Number: 107634**

**Part: closing sheet right / door hinge left****Part-Number: 107635****Part: emergency opening door Minimat****Part-Number: 107650****Part: silicone hose****Part-Number: 110855**



## Part: electrical magnetic closure (IS)

Part-Number: 36195



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## Part: door latch, electrical

Part-Number: 36198

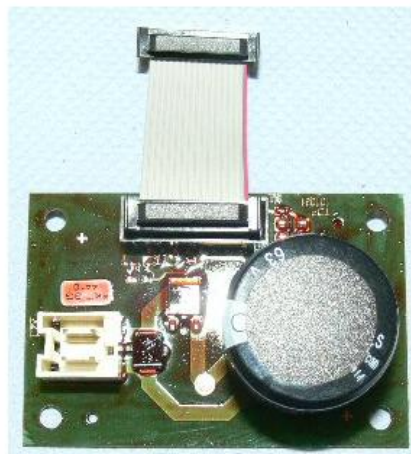
The door block is fastened with 2 hexagonal screws M5 (wrench size 8) By loosening the screws the door blocks can be optimally adjusted. Tighten the screws once set. Secure the screws with Loctite 243 Article Number 61905.



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## Part: additional board hoppo Minimat

Part-Number: 9030-330-004



# **Service manual frame, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number:**

## **Chapter**

111586 - frame assembled, Minimat 64 L 400V 50Hz - V:

# **Servicemanual frame assembled, Minimat 64 L 400V 50Hz**

**Version:**

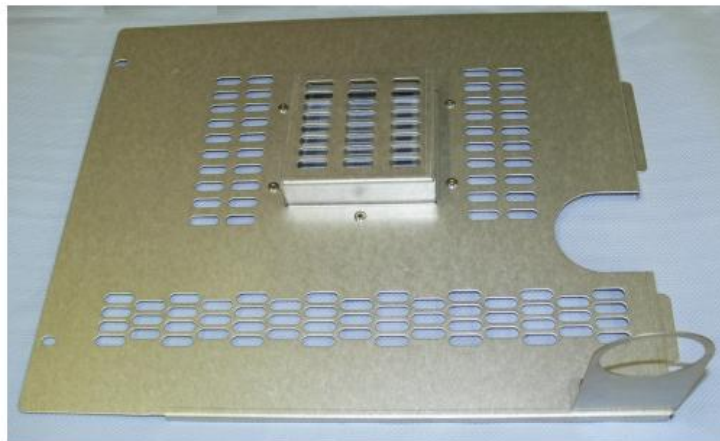
**Ident:**

**Series:**

**Part-Number: 111586**

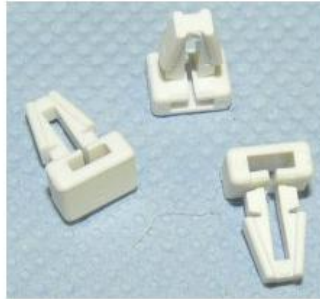
## **Chapter**

06286 - Hinge pin with grating lower  
106162 - rear panel Minimat  
106454 - earth sign Ø 12,5  
109753 - stiffening plate Minimat  
110167 - food welded  
111338 - holder for wire harness  
33104 - rubber separator  
33105 - foot cover cap  
33973 - axial fan cover  
36219 - cover cap, plug  
40003 - silicone seal door  
401606 - axial blower  
42628 - Hexagon screw  
78022 - locking pin Minimat  
9030-415-003 - cable gland + counter nut  
9030-415-004 - angled screw coupling

**Part: Hinge pin with grating lower****Part-Number: 06286****Part: rear panel Minimat****Part-Number: 106162****Part: earth sign Ø 12,5****Part-Number: 106454****Part: stiffening plate Minimat****Part-Number: 109753****Part: food welded****Part-Number: 110167**

## Part: holder for wire harness

Part-Number: 111338



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## Part: rubber separator

Part-Number: 33104



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## Part: foot cover cap

Part-Number: 33105



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## Part: axial fan cover

Part-Number: 33973

To avoid injury the axial fan cover must be installed correctly.



## Part: cover cap, plug

Part-Number: 36219

Plug for holes in the side wall.



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## Part: silicone seal door

Part-Number: 40003



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## Part: axial blower

Part-Number: 401606



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## Part: Hexagon screw

Part-Number: 42628



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## Part: locking pin Minimat

Part-Number: 78022



**Part: cable gland + counter nut**

**Part-Number: 9030-415-003**

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**Part: angled screw coupling**

**Part-Number: 9030-415-004**

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# **Servicemanual installation-room, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number:**

## **Chapter**

X1200-200-021 - fixed water connection comfort control, Minimat 64 L 400V 50Hz - V:

111700 - fixed water connection manual control, Minimat 64 L 400V 50Hz - V:

X1200-200-011 - tank connection, Minimat 64 L 400V 50Hz - V:

# **Service manual**

## **fixed water connection comfort control, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-200-021**

### **Chapter**

107920 - straight male 10/8

111324 - solenoid valve with straight 1 / 4 "thread

33377 - double nipple Ms

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

40485 - teflon hose

9060-115-001 - extansion -inside

9060-510-001 - flow meter

**Part: straight male 10/8****Part-Number: 107920****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: double nipple Ms****Part-Number: 33377****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: teflon hose****Part-Number: 40485**

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**Part: extension -inside****Part-Number: 9060-115-001**

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

## **Servicemanual**

### **fixed water connection manual control, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: 111700**

#### **Chapter**

107066 - access line

109002 - bolting angle 10/8

111324 - solenoid valve with straight 1 / 4 "thread

111502 - tray left 5 plates

111503 - tray right 5 plates

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

40485 - teflon hose



**Part: access line****Part-Number: 107066****Part: bolting angle 10/8****Part-Number: 109002****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: tray left 5 plates****Part-Number: 111502**

## Part: tray right 5 plates

Part-Number: 111503



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## 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.



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## Part: teflon hose

Part-Number: 40485



# **Service manual**

## **tank connection, Minimat 64 L 400V 50Hz**

**Version:**

**Ident:**

**Series:**

**Part-Number: X1200-200-011**

### **Chapter**

100495 - tank lid Minimat  
100515 - plug nipple tank  
100529 - float switch  
106224 - pump holder Minimat manual  
107921 - fitting angle 10/8  
111490 - holding plate Minimat  
33355 - Bushing  
33377 - double nipple Ms  
34555 - silicone hose  
37882 - level sensor connection  
38513 - pump  
401137 - water tank  
40485 - teflon hose  
42237 - hose clamp 12-22/9A1  
9010-810-003 - magnetic lock  
9060-115-001 - extension -inside  
9060-510-001 - flow meter  
E 100502 - quick connect tank  
X1200-355-054 - stiffening plate

## Part: tank lid Minimat

Part-Number: 100495



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## Part: plug nipple tank

Part-Number: 100515



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## Part: float switch

Part-Number: 100529

The level sensor controls the filling level of the tank. A signal is given when the remaining contents are at 10%.



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## Part: pump holder Minimat manual

Part-Number: 106224

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## Part: fitting angle 10/8

Part-Number: 107921

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**Part: holding plate Minimat**

Part-Number: 111490

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**Part: Bushing**

Part-Number: 33355

**Part: double nipple Ms**

Part-Number: 33377

**Part: silicone hose**

Part-Number: 34555





## Part: level sensor connection

Part-Number: 37882



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## Part: pump

Part-Number: 38513

In mobile appliances with a tank the pump for the steamer is 230 V controlled. It puts the required amount of spray pressure in the oven.



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## Part: water tank

Part-Number: 401137

Use only distilled water for refilling the tank. To prevent bacterial buildup we recommend to empty and clean the tank daily.





**Part: teflon hose****Part-Number: 40485****Part: hose clamp 12-22/9A1****Part-Number: 42237****Part: magnetic lock****Part-Number: 9010-810-003****Part: extension -inside****Part-Number: 9060-115-001**

## Part: flow meter

Part-Number: 9060-510-001



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## Part: quick connect tank

Part-Number: E 100502

In order to avoid a snap in into the quick connector the metal clips have been removed



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## Part: stiffening plate

Part-Number: X1200-355-054

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