# Schaerer E6MU

schaerer®
coffee comes to life

## Spare parts catalogue




SWISS MADE

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# Schaerer E6MU

## Spare parts catalogue

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All information, illustrations, and specifications in this manual are based on the latest product information available at the time of publication approval.
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In case of disagreement (e.g. wrong translation) the German document is our reference!

Note that the pictures and display messages shown inside this manual are only examples!
Your machine and display messages may look different due to the options we offer.

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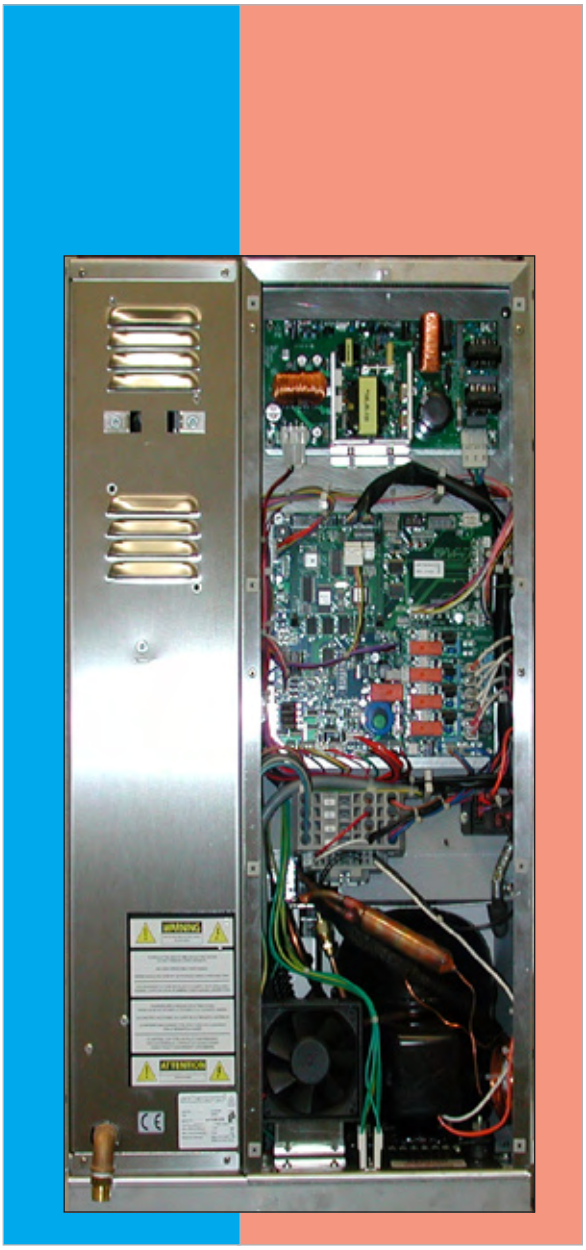
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## Exterior


068602 Hopper lid
069604 Bean hopper rear
068618 Hopper collar
068601 Bean hopper
069485 Cup frame
069456 Coffee transfer
068552 Center plate
069534 Side Panel right
069522 Outlet
068623 Cover grounds bin
068621 Grounds bin
069483 Front cover
069465 Drip grill
069518 Drip tray

# Overview



Back view



Front view

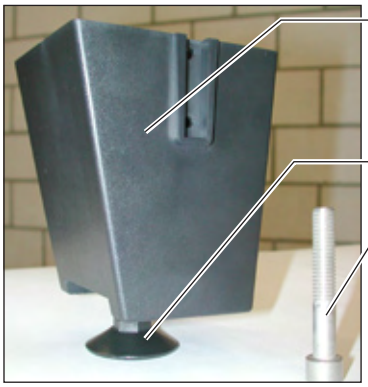
Grinder Module
Boiler Module
Brewing Module

Milk Module
Steam Module
Electronic Module

**Until end of may 2008**

068583 Machine foot





**Ex end of mai 2008**

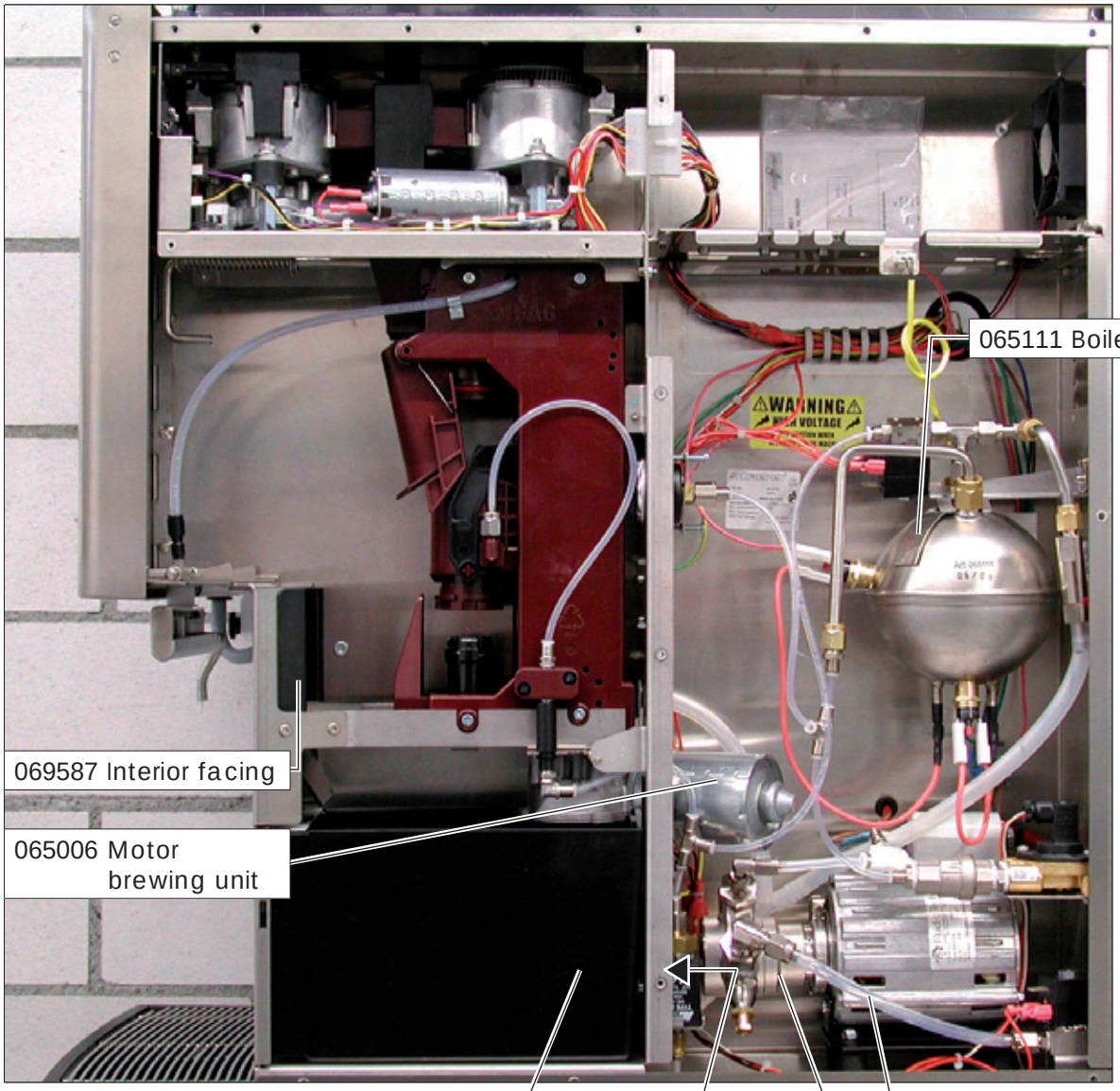
069617 Machine base left

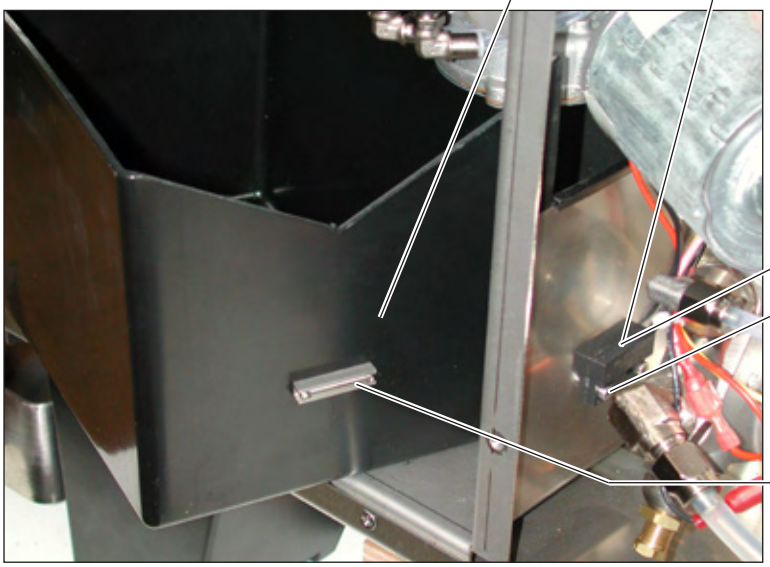
069618 Machine base right

071623 Machine foot adjustable

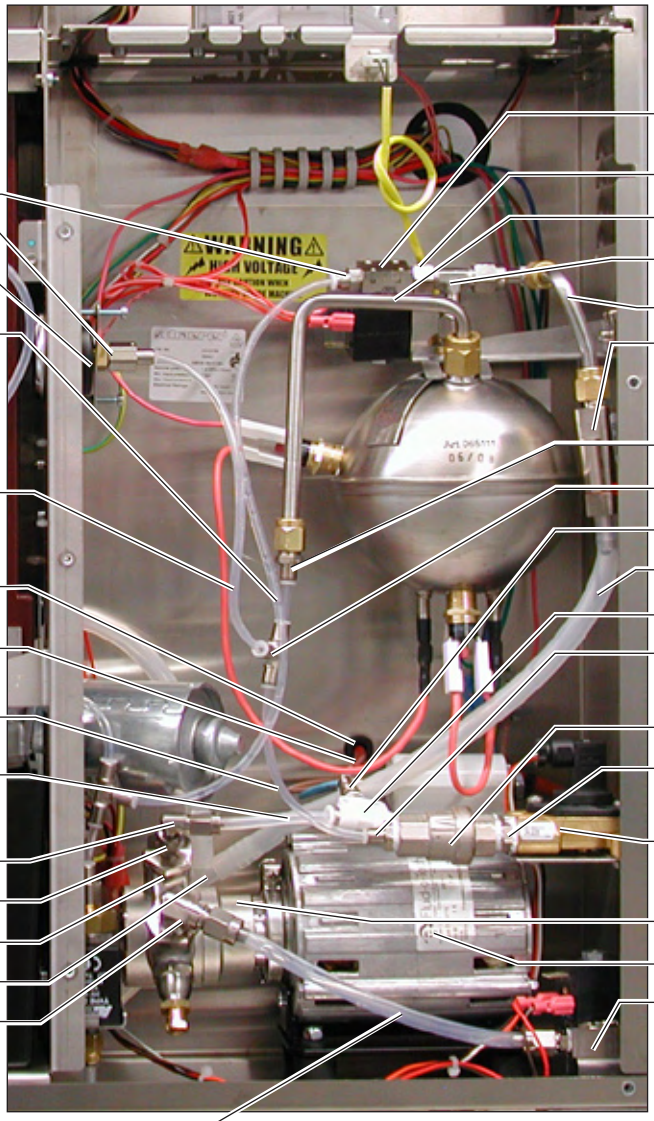
1001091 Socket head screw, M10x70

## Boiler - Overview flushvalve



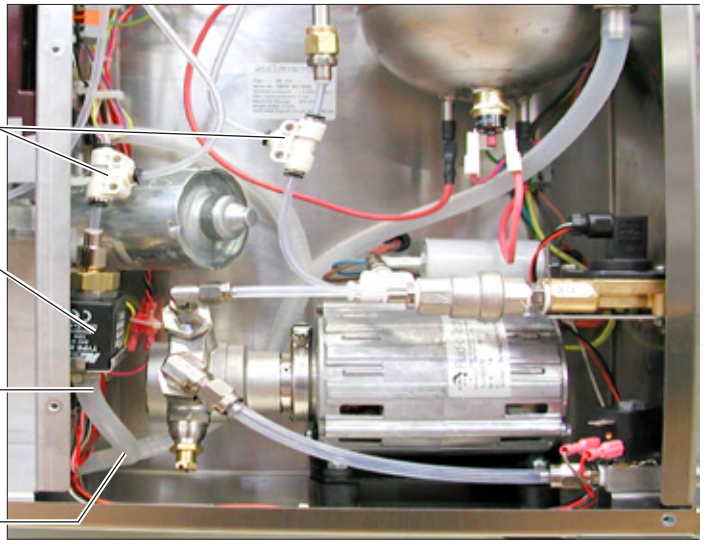
## Boiler - Detail



| | |
|---|---|
| 062110 | Connection |
| 069489 | Connection |
| 063711 | Manometer |
| 070993 | Hose 2.5x4.0x 40mm long |
| 070993 | Hose 2.5x4.0x 210mm long |
| | |
| 013545 | Grommet |
| 070993 | Hose 2.5x4.0x 1110mm long |
| 070993 | Hose 2.5x4.0x 120mm long |
| 069509 | Tube 6.0x3.0 |
| 063657 | Elbow |
| 071352 | Nipple |
| 071357 | Washer |
| 070185 | Y-connection |
| 071351 | Elbow |
| 069584 | Tube 8.0x6.0 |

| | |
|---|---|
| 071022 | Solenoid valve |
| 071041 | Repair kit |
| 063660 | Connection |
| 065151 | Pipe |
| 063659 | T-piece |
| 061487 | Pipe |
| 063654 | Overpressure valve GB: 071600 |
| 068510 | Connection |
| 062120 | T-piece |
| 065574 | Reduction |
| 067722 | Hose |
| 068285 | T-piece |
| 068507 | Screw-in connection |
| 063655 | Check valve |
| 055109 | Double nipple |
| 061226 | Flowmeter |
| 070299 | Pump head |
| 065003 | Motor |
| 070503 | Solenoid valve |

## Boiler - Detail flushvalve USA version



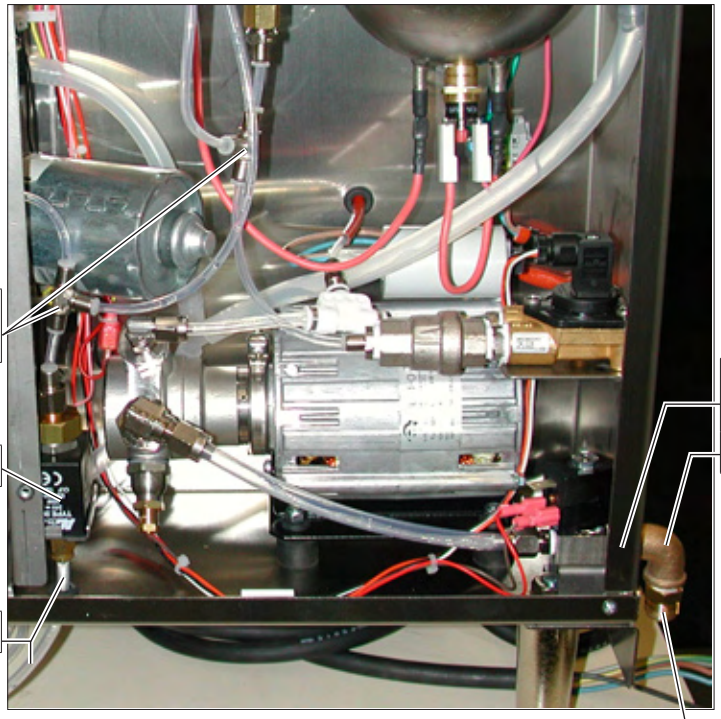
062120 T-connection 4.0

061029 Flushvalve

067722 Hose 8x12 silicone

070185 Y-connecting piece

## Boiler - Detail flushvalve EUROPE version



062120 T-connection 4.0

061029 Flushvalve

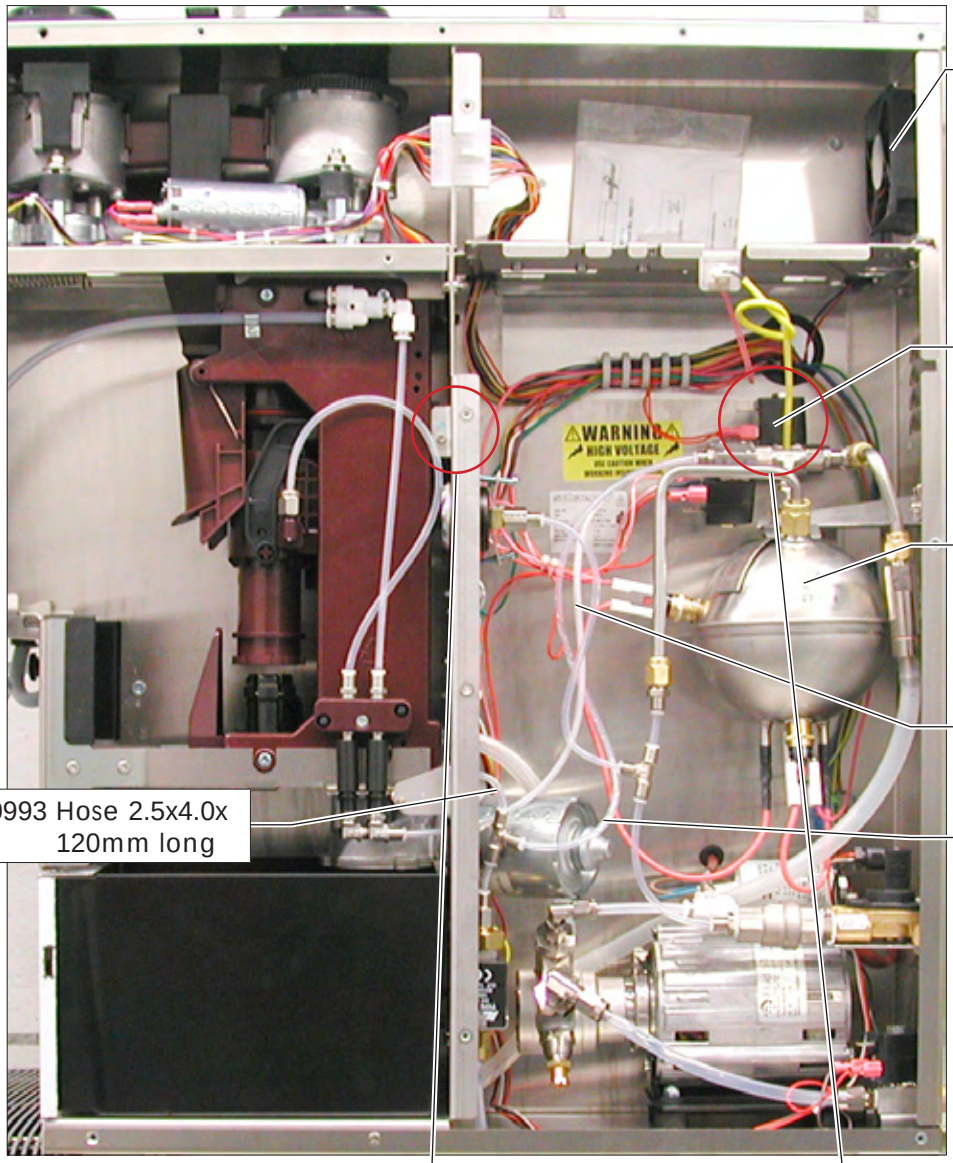
061086 Tube 6x1

068206 Double nipple (not shown)

068135 Angle

068501 Fastener

## Boiler - Bybass




061065 Axial fan

063215 Solenoid valve
071041 Repair kit

065111 Boiler

070993 Hose 2.3x4.0x 405mm long

070993 Hose 2.5x4.0x 120mm long

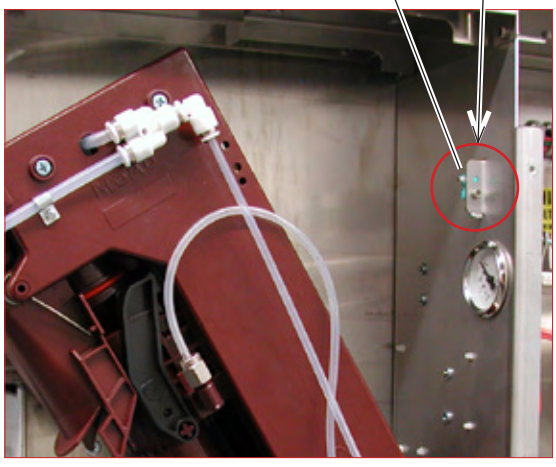
070993 Hose 2.5x4.0x 360mm long

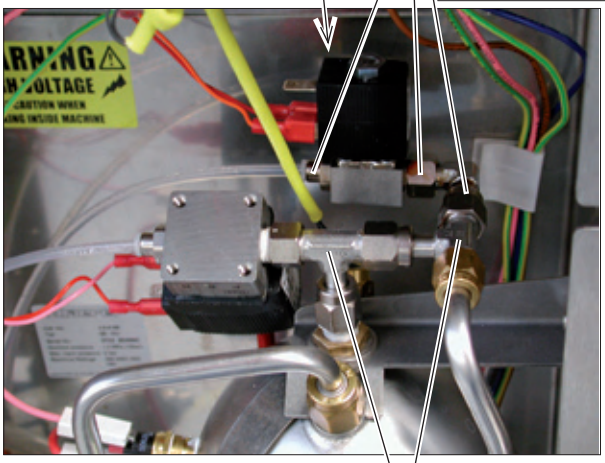
062110 Connection

063660 Male adapter

063662 Elbow

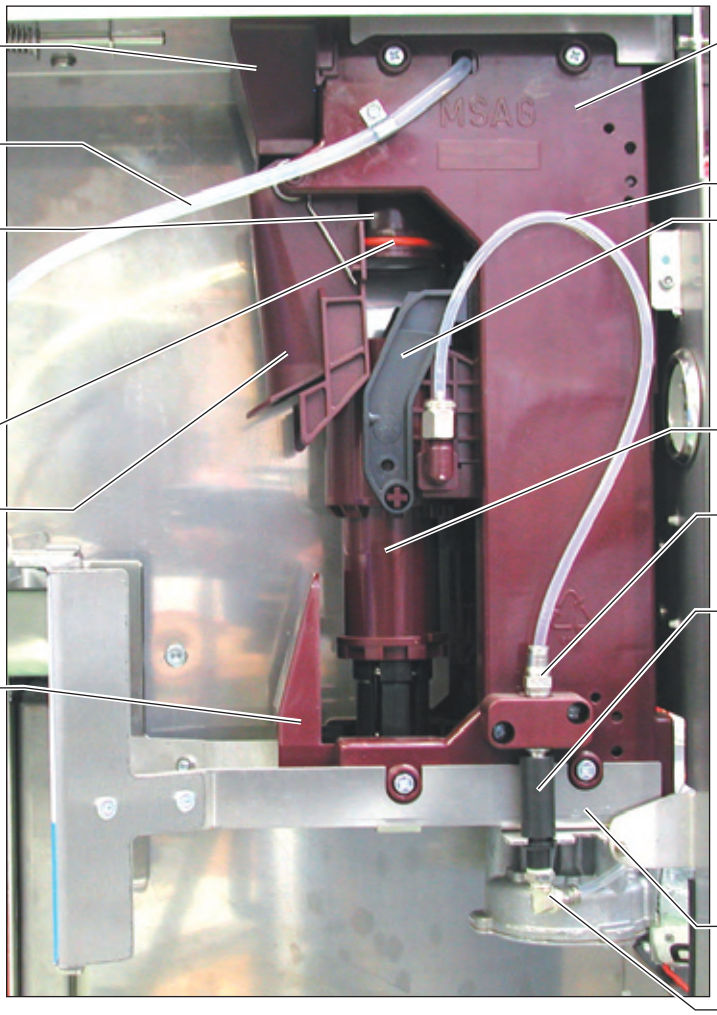
068595 Microswitch



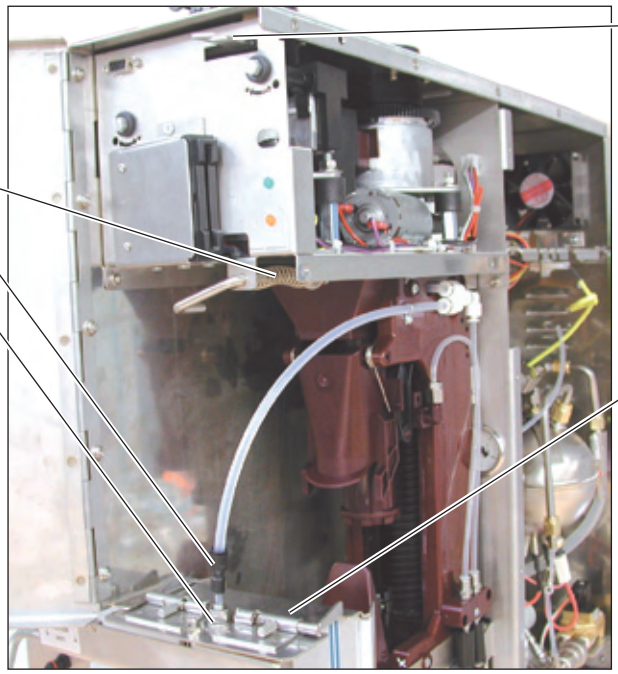


063659 T-piece

## Brewing unit 15 - Upper piston without restrictor
## Brewing unit 11 - Upper piston with restrictor

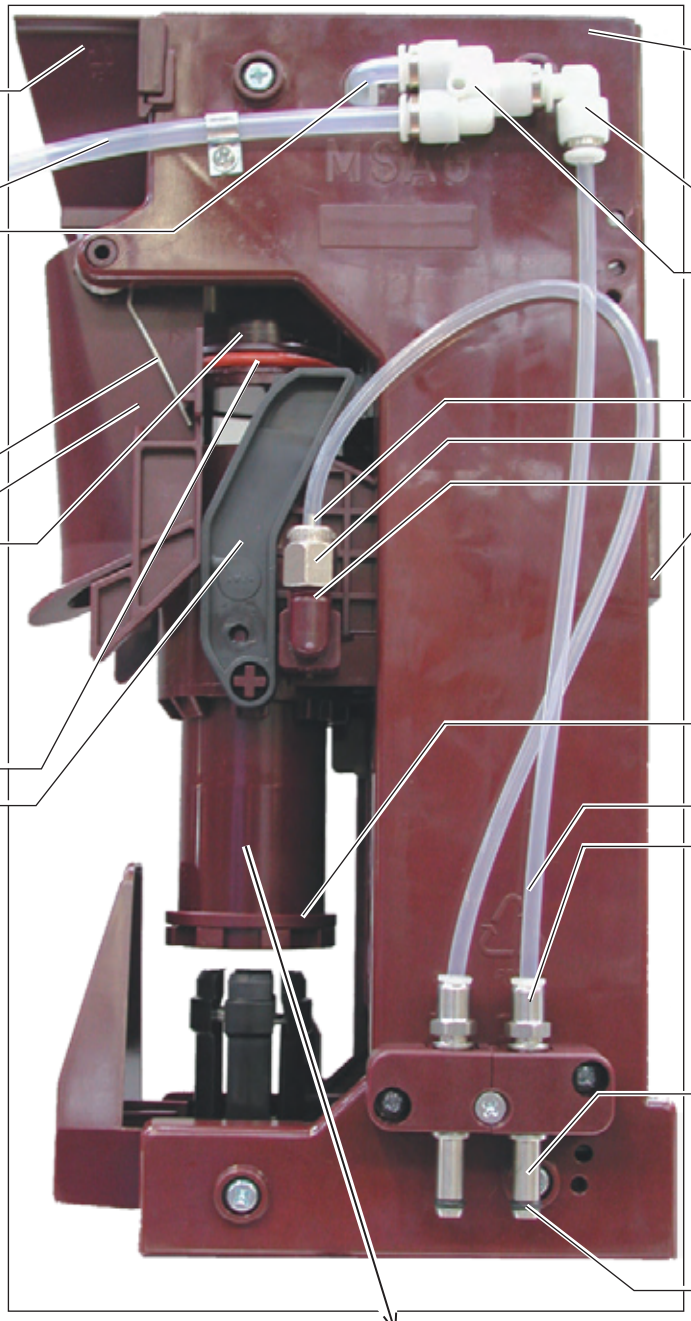


- 065309 Brewing unit inlet
- 068613 Outlet tube
- 061011 Upper piston for brewing unit 071605
  065310 Upper piston for brewing unit 068600
- 065190 O-ring
- 065311 Funnel
- 065216 Protection plate
- 071605 Brewing unit 15
  068600 Brewing unit 11
- 070993 Tube 2.5x4.0
- 065313 Scraper
- 062316 Lower piston
- 062399 INOX fitting
- 068553 Brew water nipple
- 068550 Bracket
- 069570 INOX fitting



- 069530 Door latch
- 068643 Spring
- 069495 Connection
- 1070005 Self locking nut M8
- 1060015 Washer (not shown)
- 069459 Slip bushing (not shown)
- 069460 Slip washer (not shown)
- 068552 Center plate

## Brewing unit 19 - With bypass, upper piston with restrictor
## Brewing unit 14 - With bypass, upper piston without restrictor

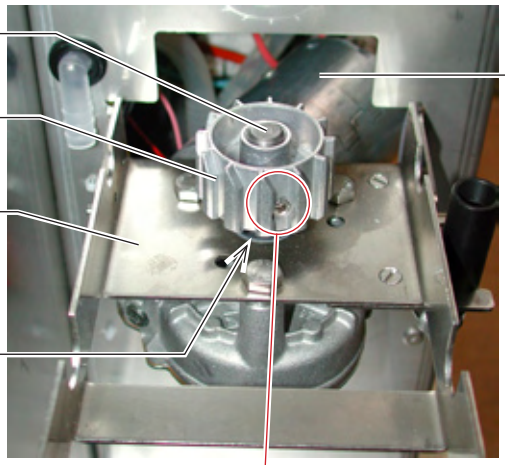


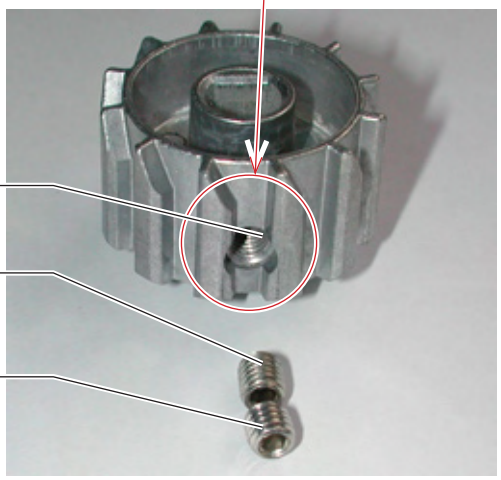
- 070539 Brewing unit inlet
- 068613 Outlet tube
- Pipe
- 062954 Elbow (not shown)
- 065198 Spring left (not shown)
- 065197 Spring right
- 065311 Funnel
- 065310 Upper piston
- for brewing unit 068668
- 061011 Upper piston for brewing unit 068605
- 065190 O-ring
- 065313 Scraper
- 068668 Brewing unit 19
- 068605 Brewing unit 14
- 071696 Elbow
- 3322374000 Y-piece
- 065314 Lock
- 065192 O-ring
- 065315 Angle
- 061998 Spindle support
- 065312 Clip ring
- 070993 Tube 2.5x4.0
- 062399 INOX fitting
- 062678 Valve plug, coffee
- 062681 O-ring

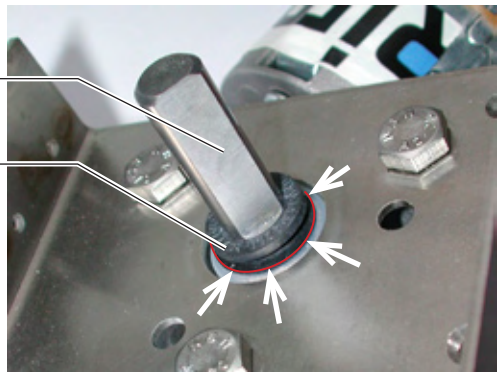


- 062622 Piston spring
- 065190 O-ring
- 062316 Lower piston

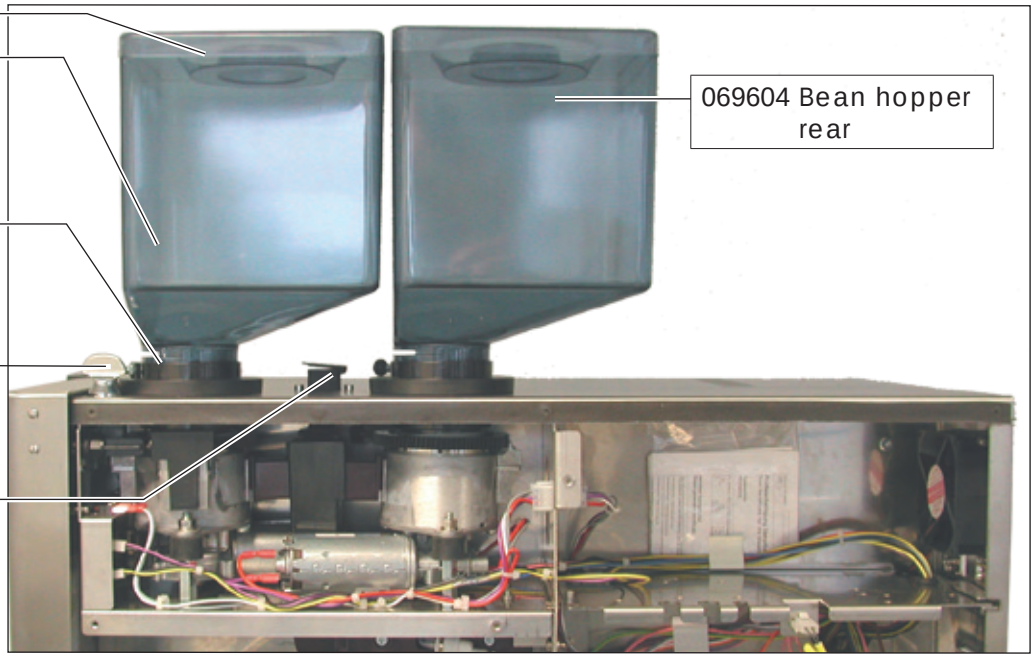
## Carrier, KM

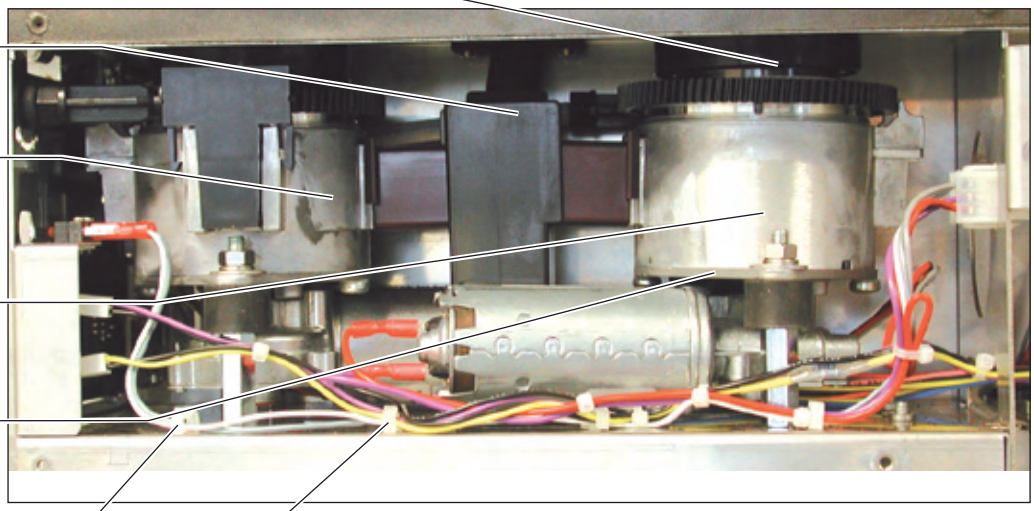

Motor shaft
065222 Carrier, KM
Holder down brewing unit
071557 V-Ring
Motor brewing unit


065222 Carrier, KM
1009048 Set screw with cone piont, M6x8
1009047 Set screw with cone piont, M6x6


Motor shaft
071557 V-ring

## Grinder - Overview

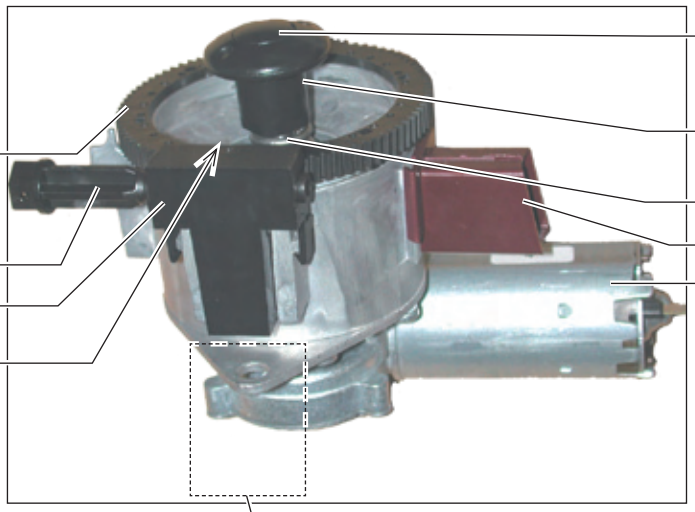


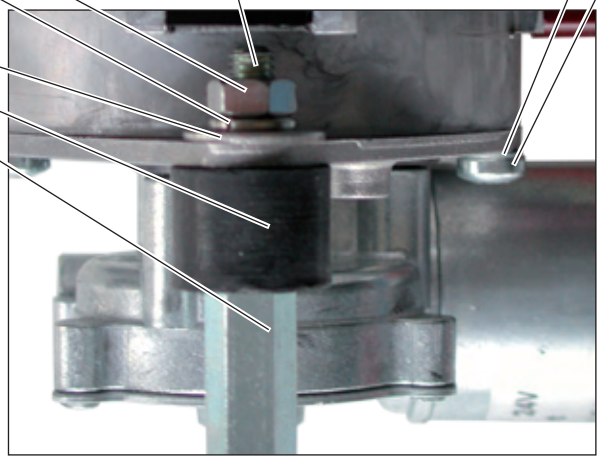
## Grinder - Detail

| | |
|---|---|
| 068569 | Grinder 16 comlete (front) |
| 062083 | Lens head screw M4x20 (not shown) |
| 070465 | Grinding degree adjusting ring 360° |
| 070432 | Worm gear |
| 062425 | Main bearing |
| 071263 | Grinder disk set 3 holes |
| 1204080 | Counter sunk screw torx M4x8 (not shown) |

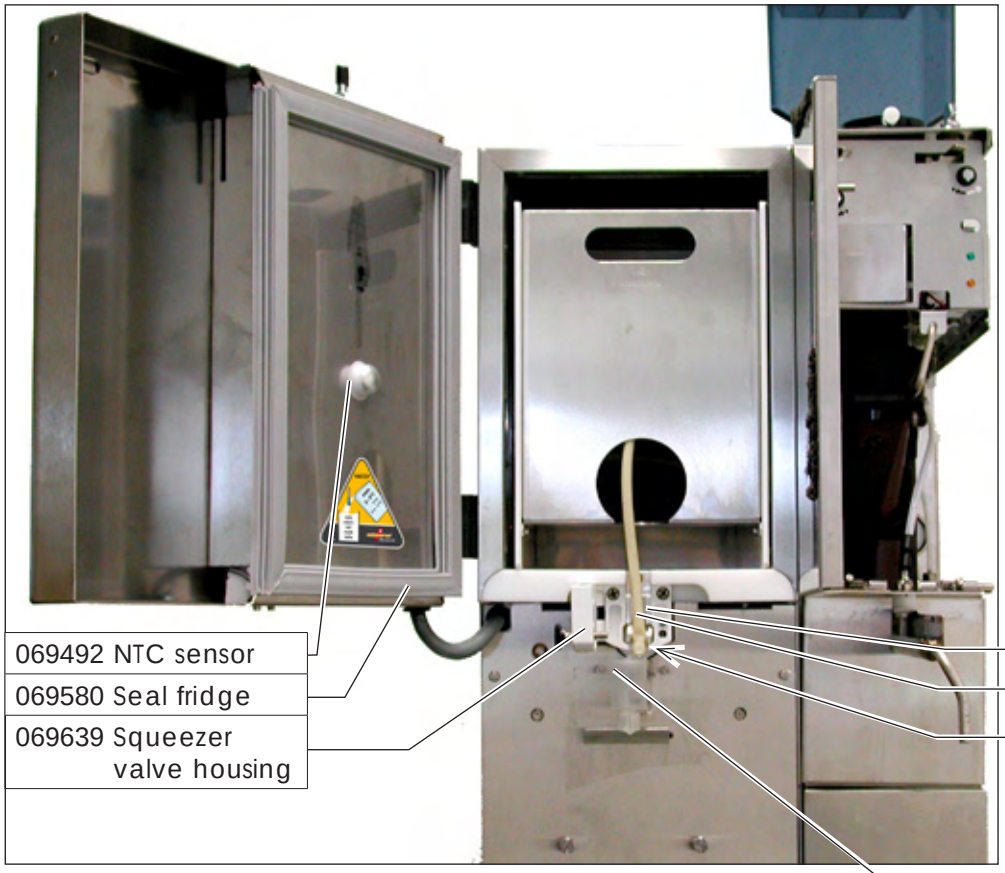
| | |
|---|---|
| 068570 | Grinder 17 comlete (back) |
| 070629 | Cap finger protection |
| 069577 | Finger protection grinder |
| 019757 | Spring |
| 062437 | Power outlet |
| 062431 | Grinder motor |
| 062434 | Shock absorber to motor (not shown) |
| 062450 | Hollow rivet (not shown) |
| 062440 | Cheese head screw M5x16 (not shown) |
| 062021 | Ripped washer M5 |
| 062442 | Lens head screw M5x12 |



| | |
|---|---|
| 1018013 | Nut |
| 1067009 | Spring washer |
| 1064005 | Washer |
| 063290 | Damper |
| 063291 | Grinder support |



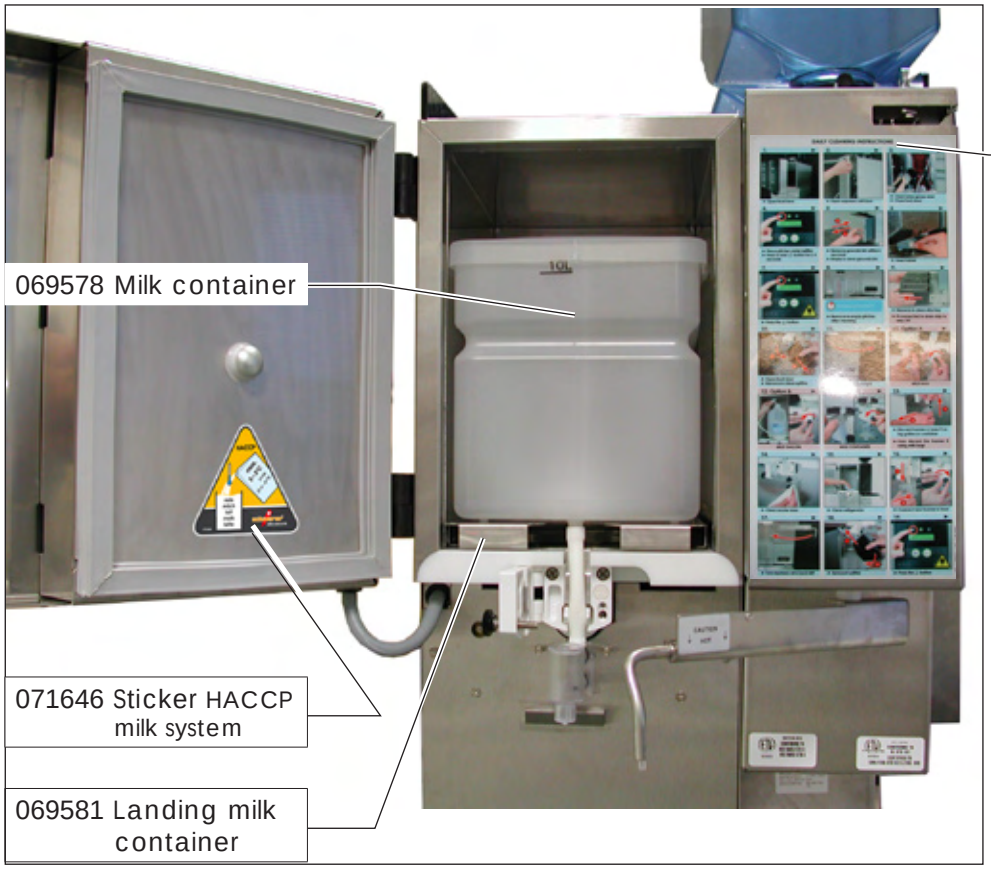
## Milk system - Overview



069492 NTC sensor
069580 Seal fridge
069639 Squeezer valve housing

069579 Pinch valve
069574 Milk hose
069575 Milk hose (not shown)

069523 Foamer



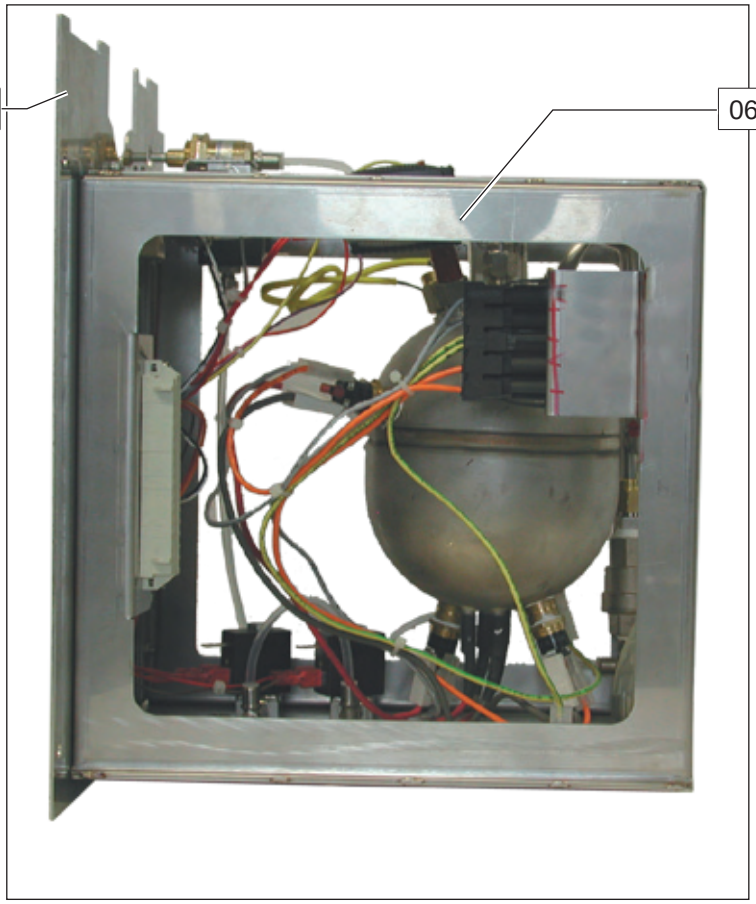
069578 Milk container

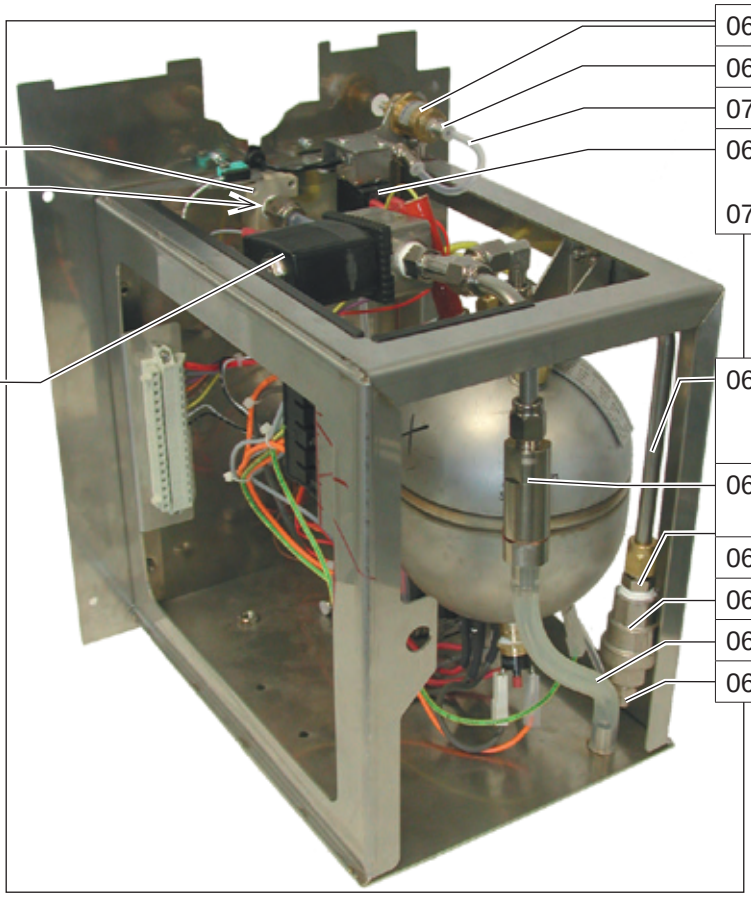
Daily cleaning insructions
068661 USA
068664 EUROPE

071646 Sticker HACCP milk system

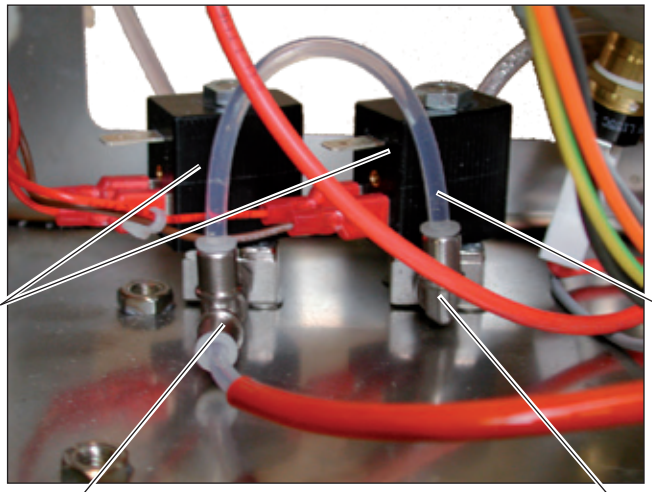
069581 Landing milk container

## Steam boiler



## Steam boiler - Detail

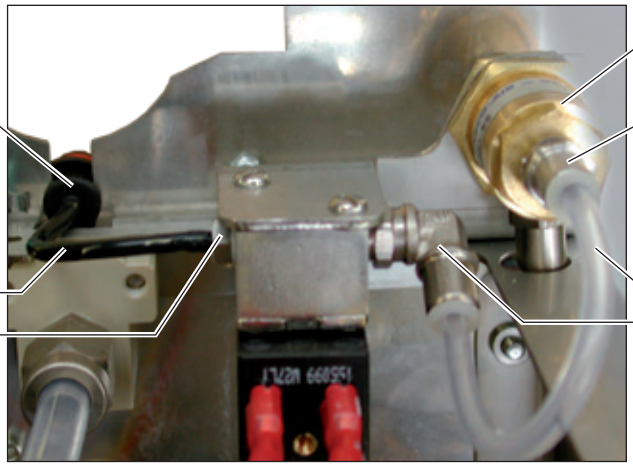


062125 Solenoid valve
071041 Repair kit

070993 Tube

062359 Connection

069570 Elbow



069497 Air injector

069500 Valve

062399 Connection

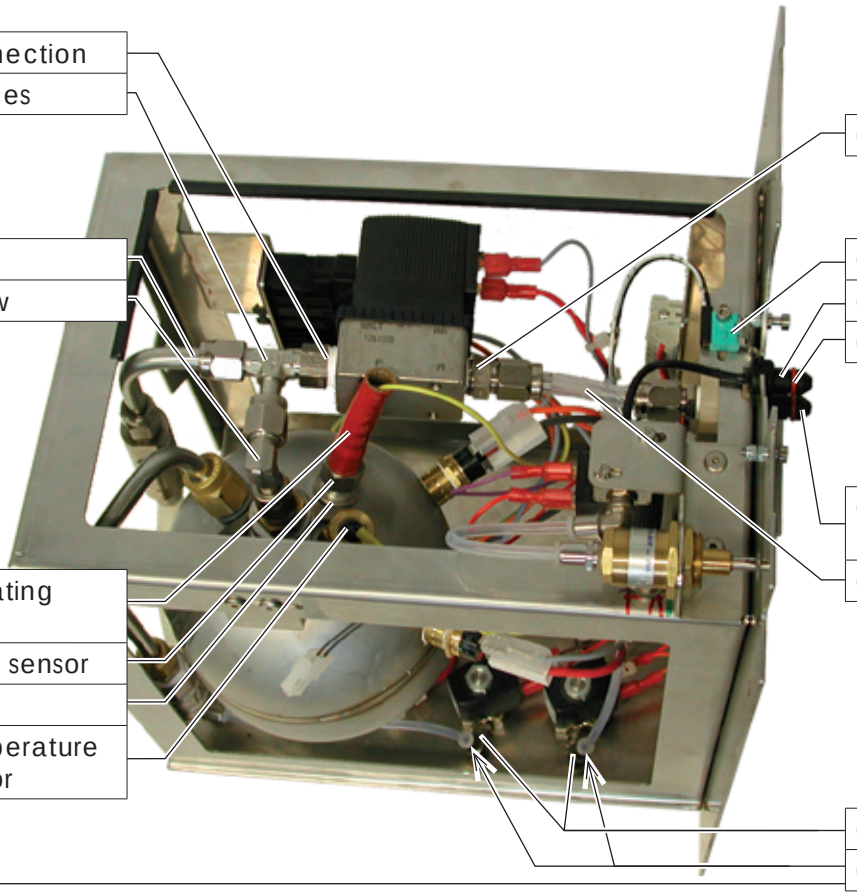
069525 Hose

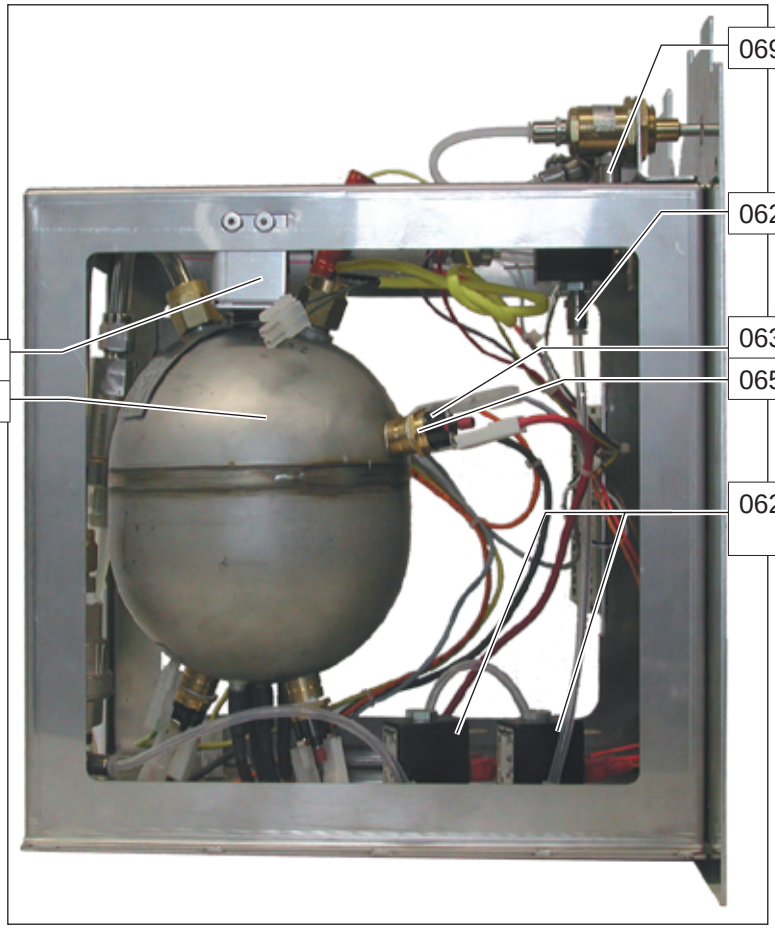
069487 Connection

070993 Tube

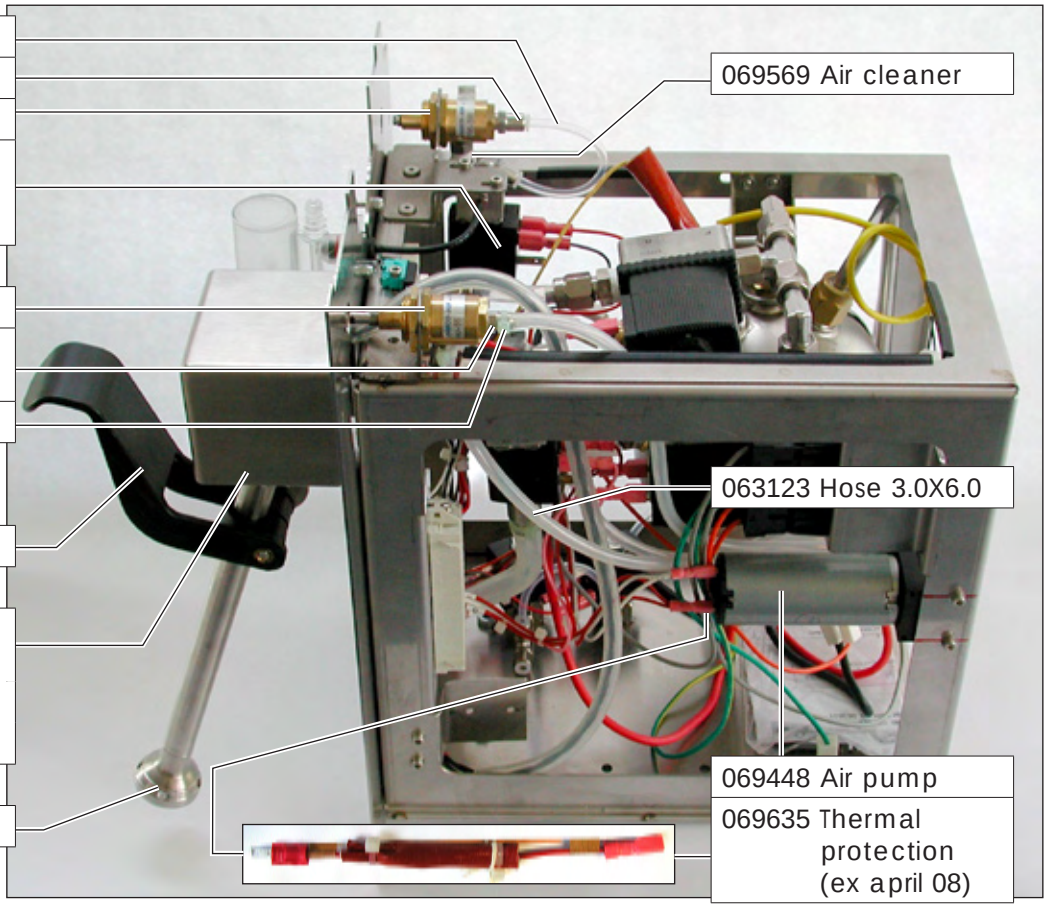
071351 Elbow

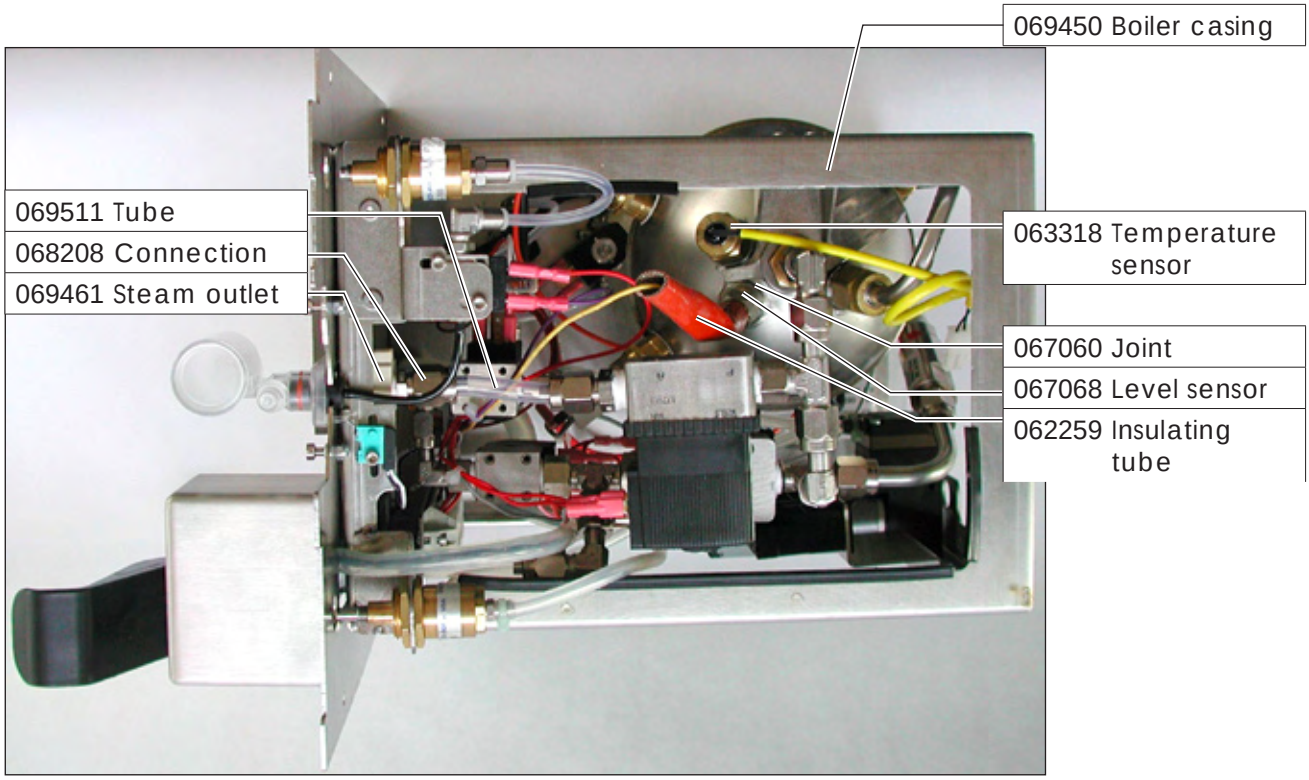
## Steam boiler



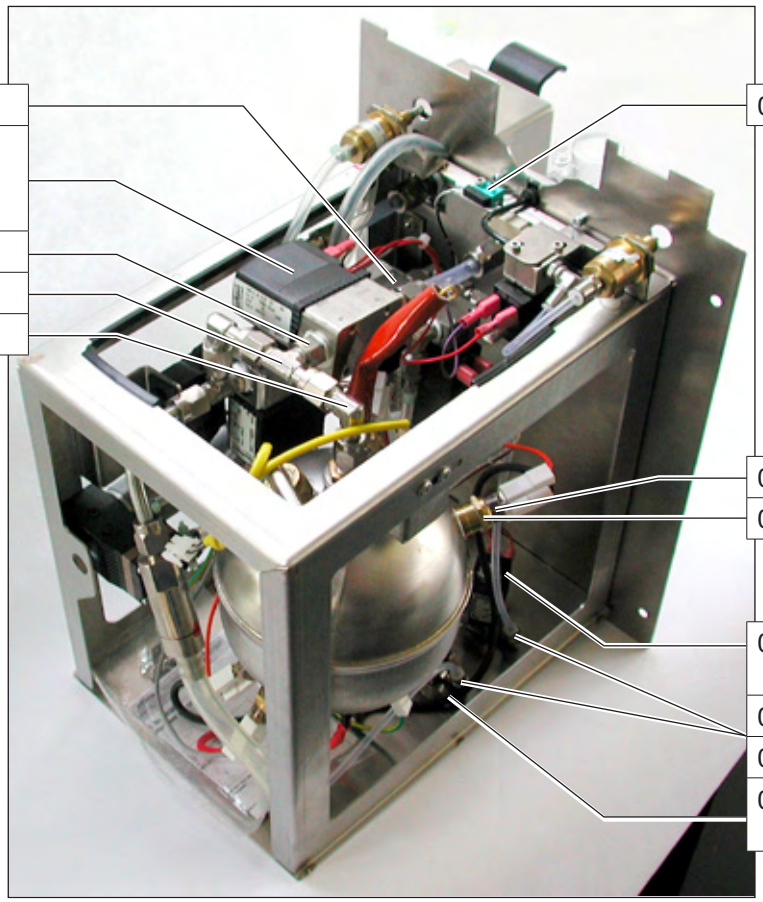



## Steam boiler with supersteam



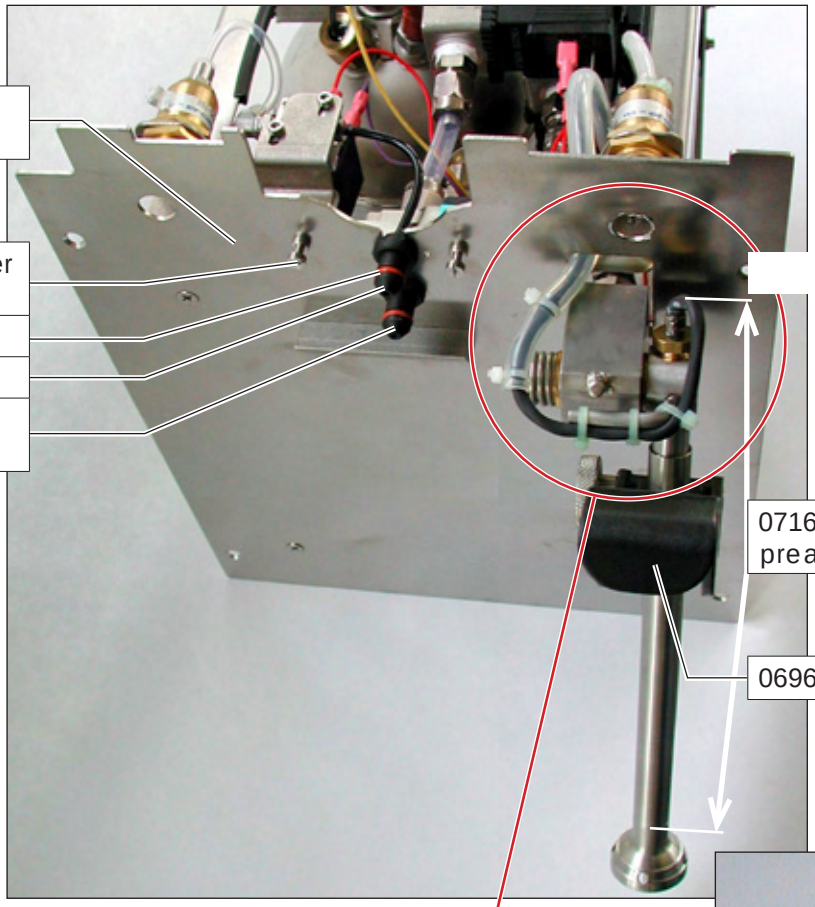



## Steam boiler with supersteam



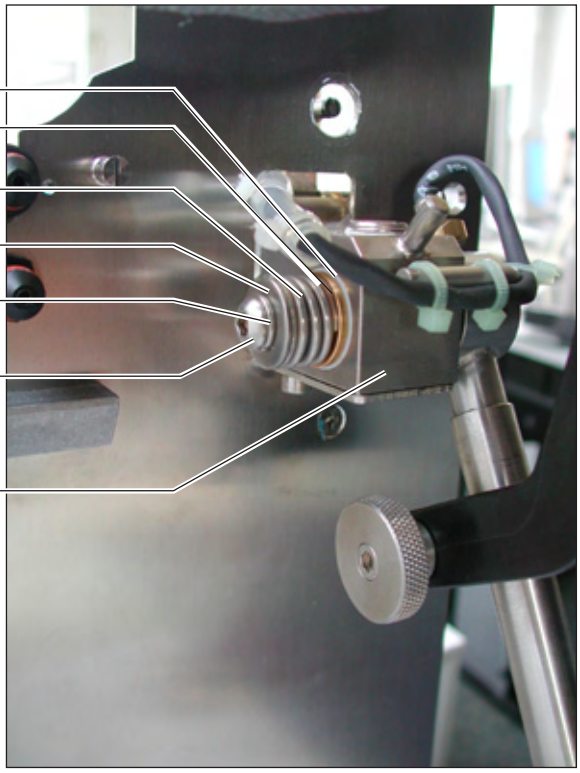



## Steam boiler with supersteam - Detail

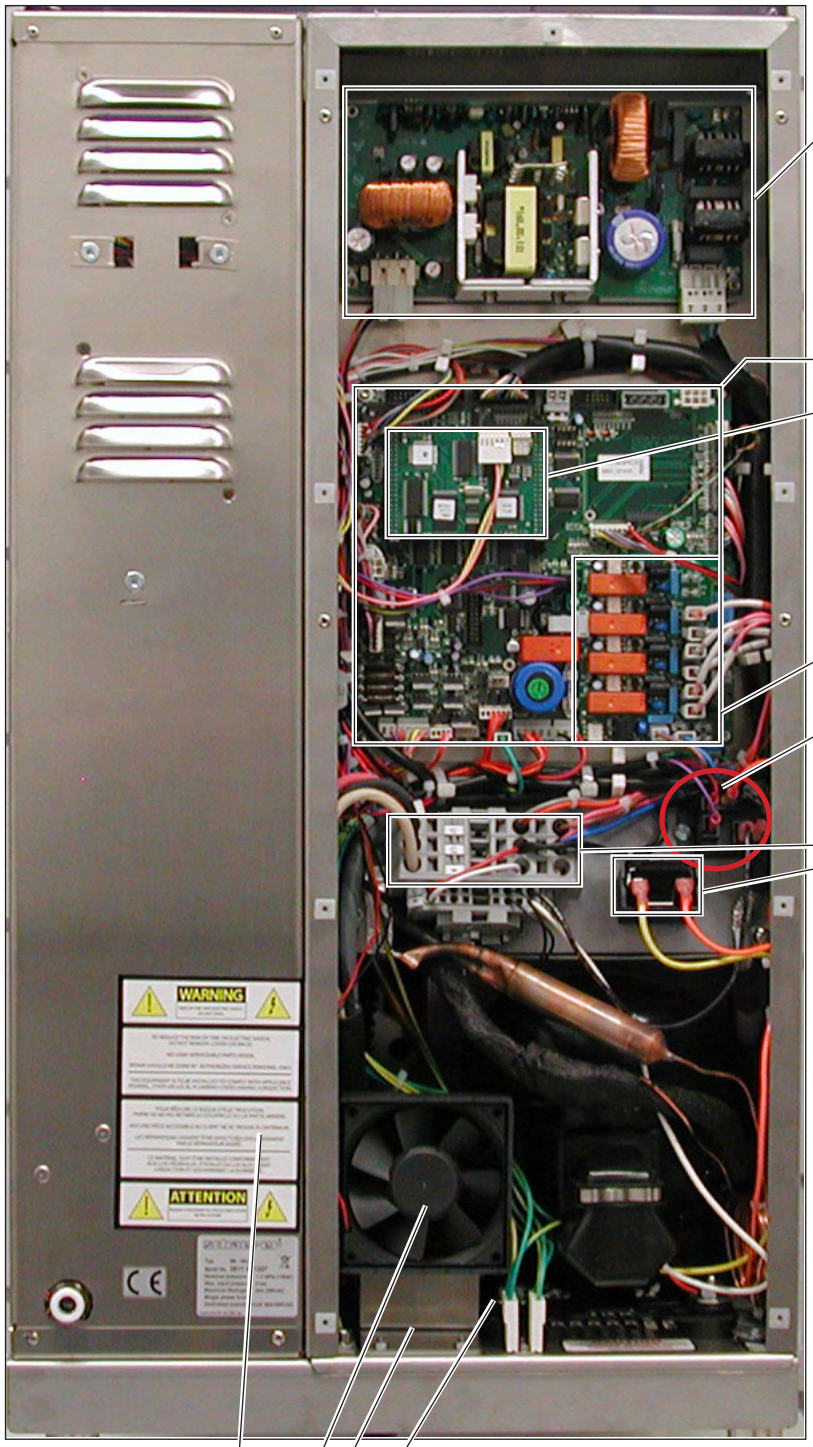








## Back view version USA version




070146 Power Supply

069068 Main board

064082 CPU print

069069 Heather control

069626 Relay

Execution USA

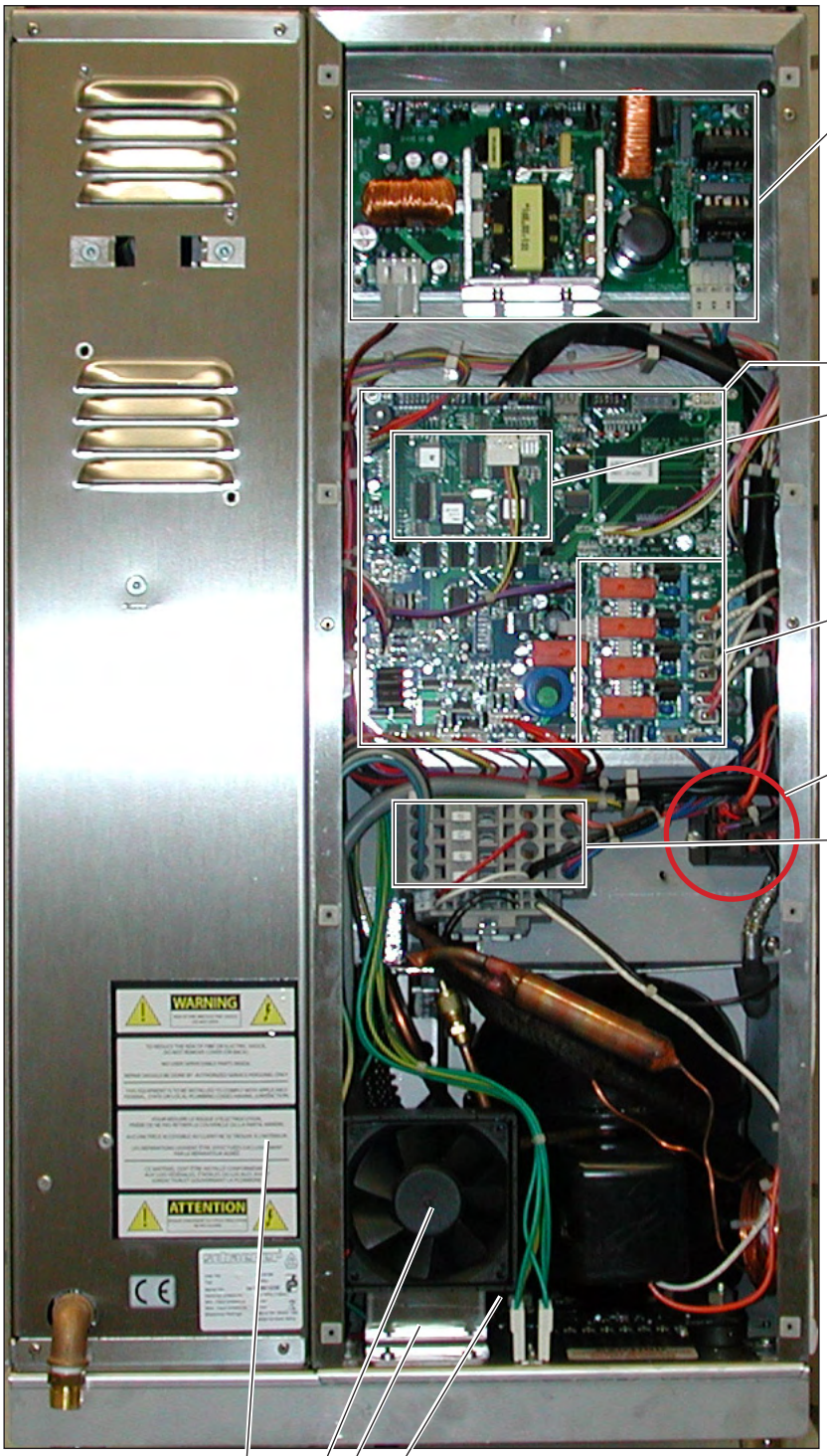
069589 Sticker Warning/Attention

061095 Fan

069545 Fan owner

069512 Fan funne

## Back view EUROPE version




070146 Power Supply

069068 Main board

064082 CPU print

069069 Heather control

069626 Relay

Ececution EUROPE

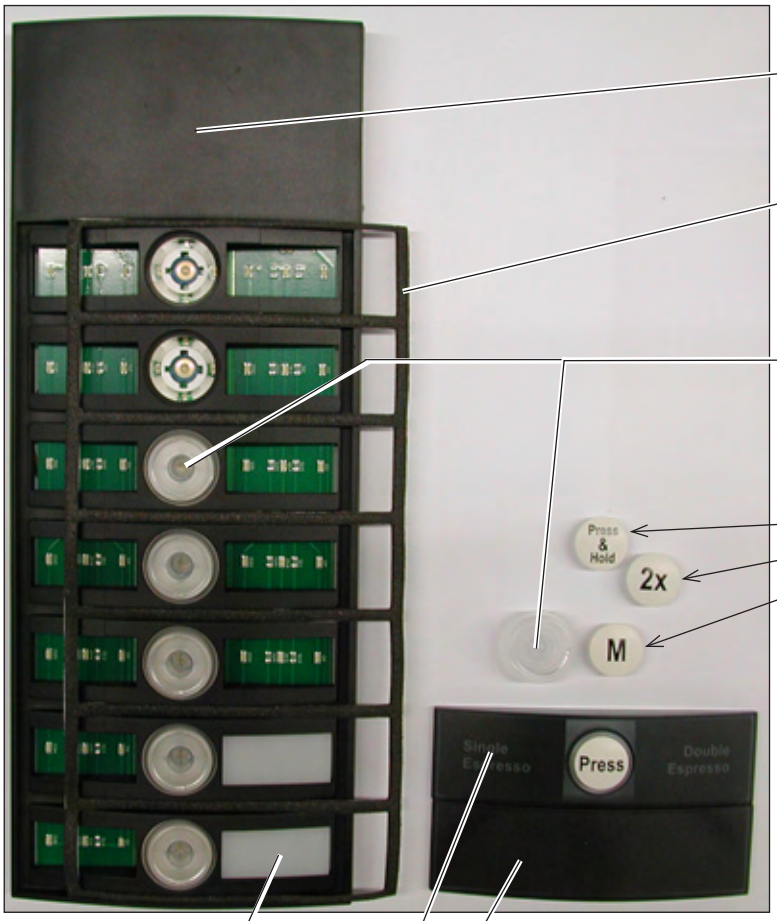
069589 Sticker Warning/Attention

061095 Fan

069545 Fan owner

069512 Fan funnel

## Panel 7 buttons




069480 Panel frame 7 buttons
069548 Reflector
069543 Seal
069550 Pressure piece

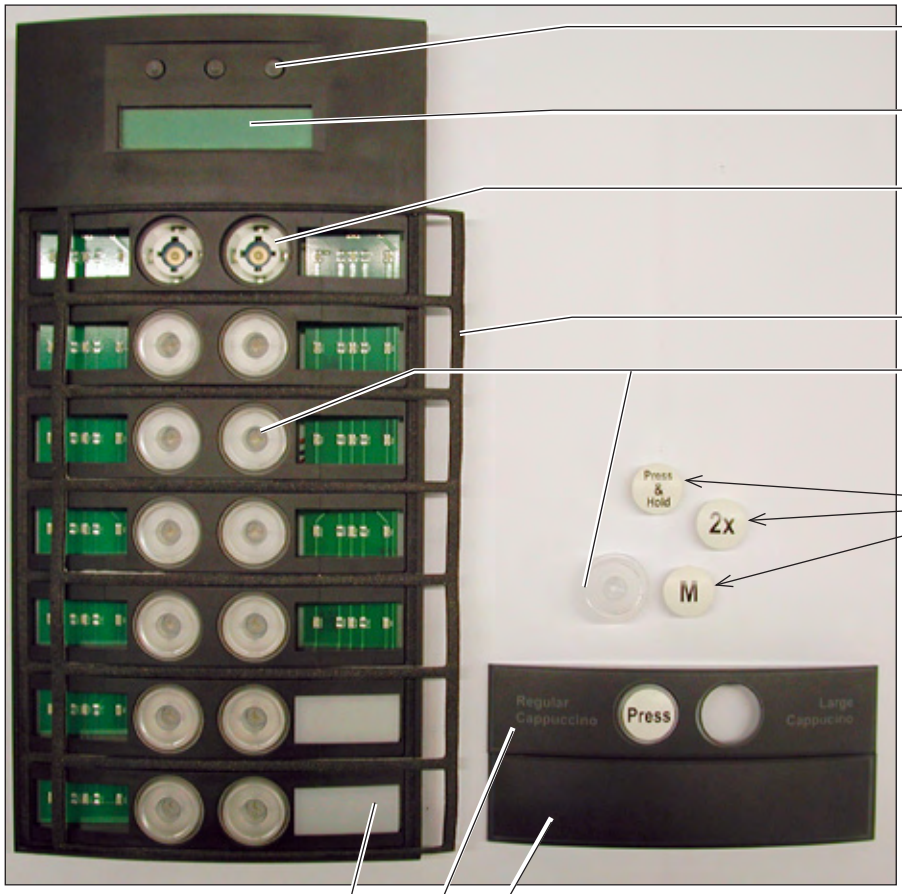
Buttons available:
069592 Symbol S
069593 Symbol M
069593 Symbol M
069597 Symbol XL
069590 Symbol 2x
069599 Symbol Press & Hold (small type)
069595 Symbol Press & Hold
069591 Symbol Decaf
069598 Symbol D
069594 Symbol Press
069559 Button white
069560 Button orange

069647 Diffuser
069554 Screen without hole
069553 Screen



069469 Text LED
069471 Key print
1685002 Screw PT

## Panel 14 buttons




069561 Button
069547 Washer
068651 Safety glass

069548 Reflektor

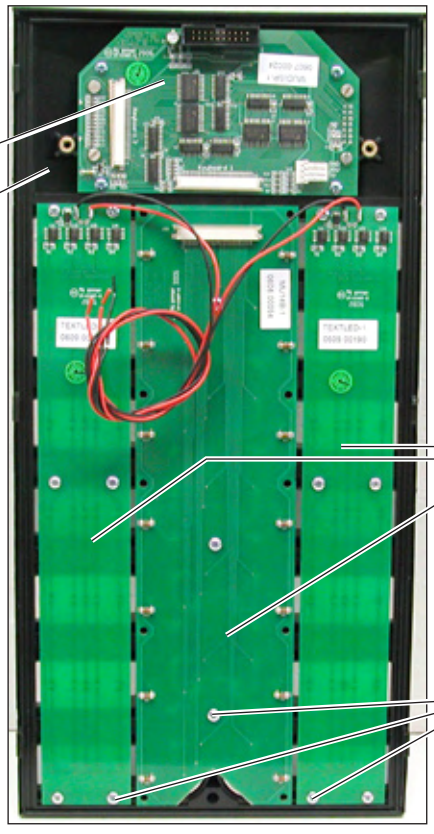
069541 Seal
069548 Pressure piece

Buttons available:
069592 Symbol S
069593 Symbol M
069596 Symbol L
069597 Symbol XL
069590 Symbol 2x
069599 Symbol Press & Hold (small Letters)
069595 Symbol Press & Hold
069591 Symbol Decaf
069598 Symbol D
069594 Symbol Press
069559 Button white
069560 Button orange

069647 Diffuser
069551 Screen
069552 Screen without holes

069472 Display

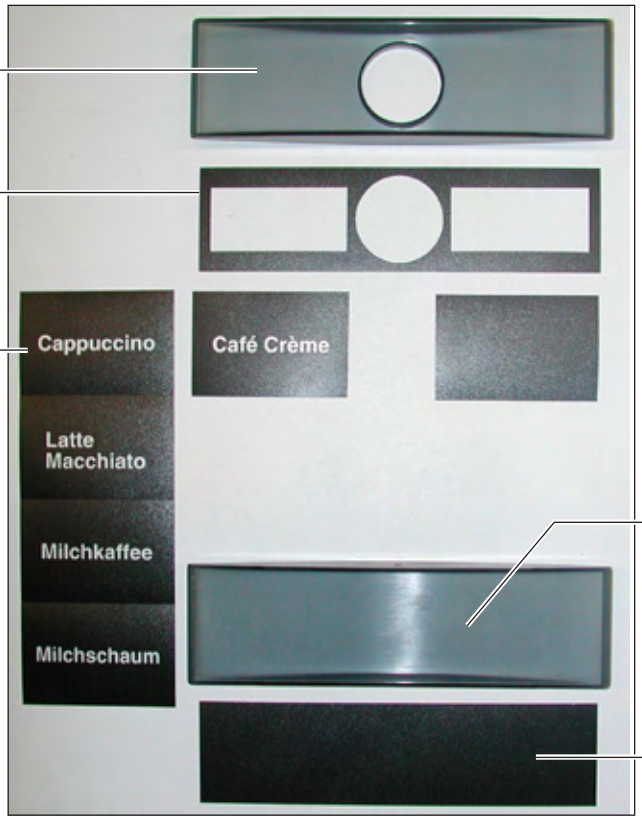
069479 Panel frame 14 buttons



069469 Text LED
069470 Key Print

1685002 Screw PT

## Panel 7 buttons - Films




069553 Screen

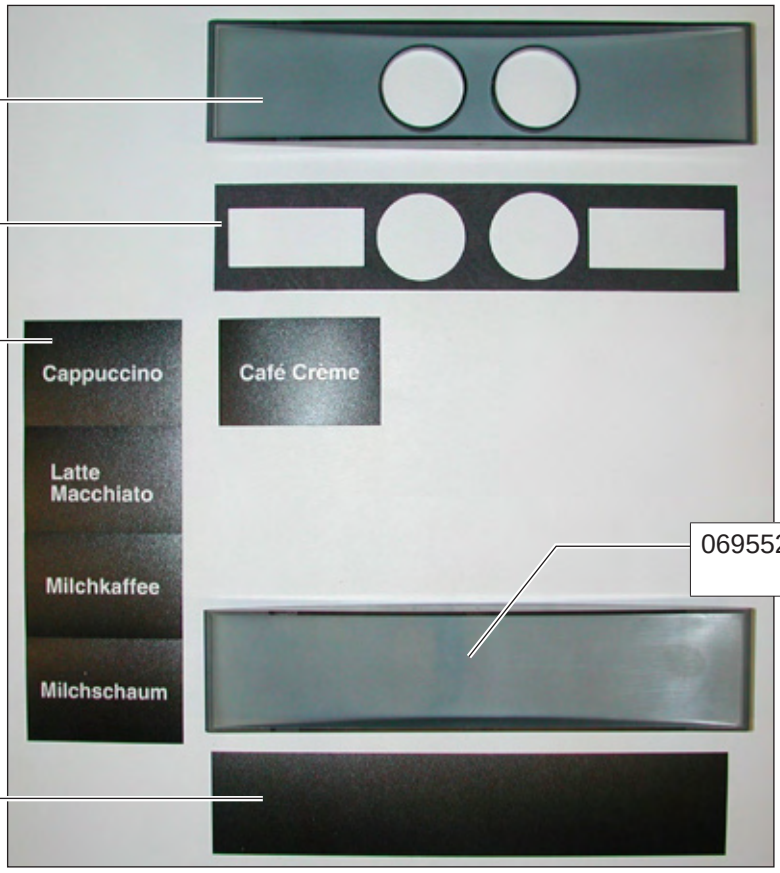
069556 Mask
1 hole

069541 Product film

069554 Screen
without hole

069557 Cover film
without hole

## Panel 14 buttons - Films




069551 Screen

069555 Mask
2 holes

069540 Product film

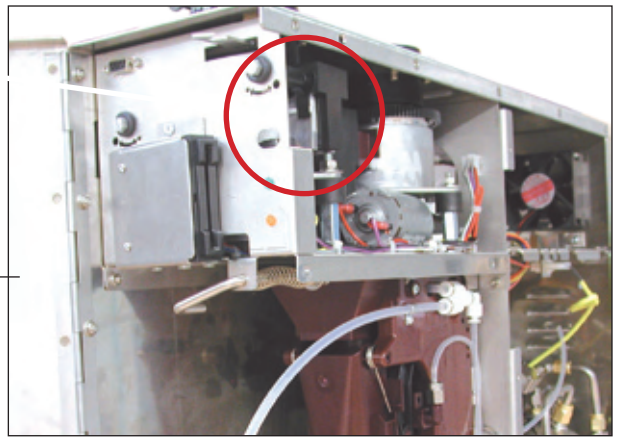
069552 Screen
without holes

069558 Cover film
without holes

## Door surveillance panel E6

069533 Grinder plate

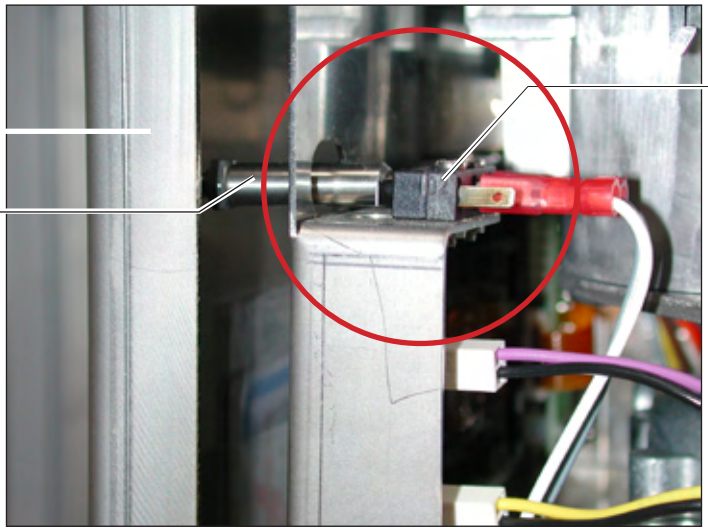
Panel E6 open



## Microswitch - Until maschine number 0722 800 870

Panel E6 closed

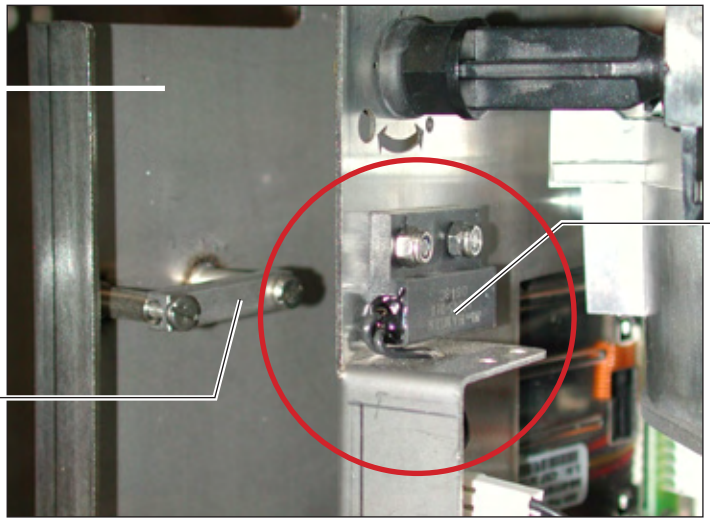
Plunger microswitch



062562 Microswitch

## Reedsensor - Ex maschine number 0722 800 871

Panel E6 closed

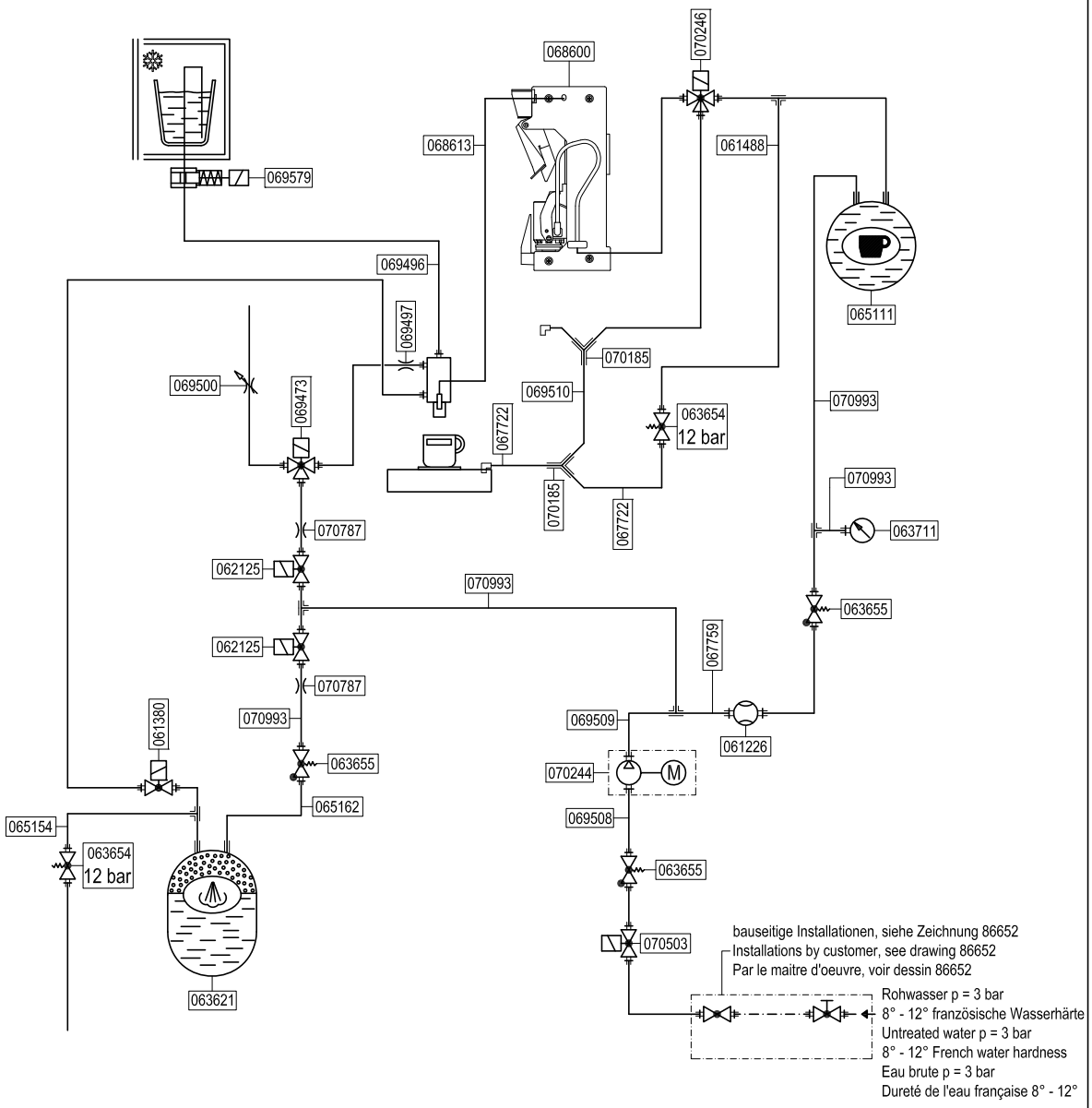


071016 Reedsensor

061595 Magnet-holder

071015 Magnet

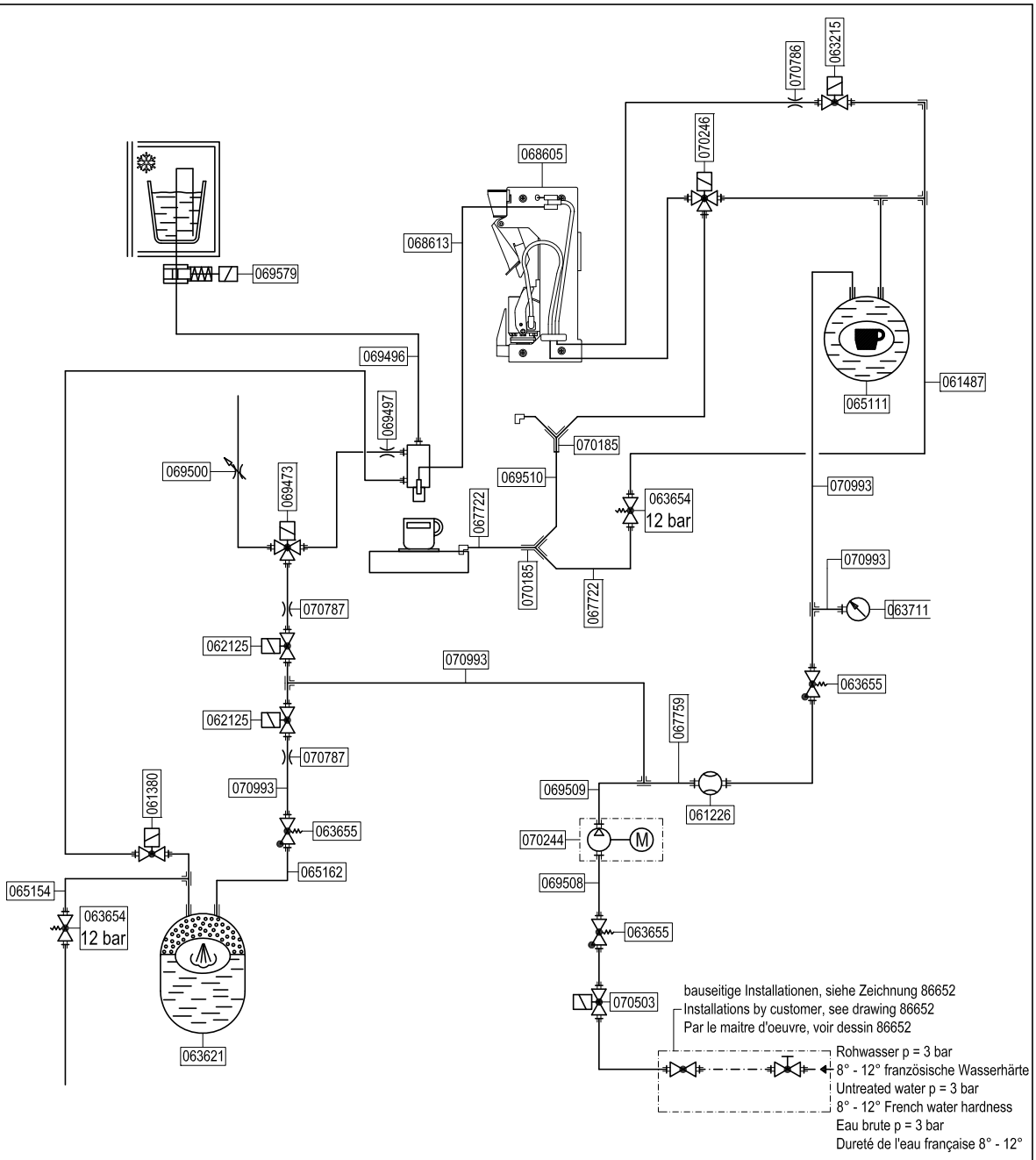
## Piping schema




| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aenderungen: | | c) . | . | f) . | . | i) . | . | Bemerkungen: | | | |
| a) 12.07.07 | REJO | d) . | . | g) . | . | j) . | . | | | | |
| b) 28.01.08 | REJO | e) . | . | h) . | . | k) . | . | gezeichnet | 01.11.06 | R. Joye | |
| Ersatz für: 3.5.6410 a | | | | Ersetzt durch: . | | | | kontrolliert | . | . | |
| E6MU<br>Projekt: - | | | | | Massstab | | | freigegeben | . | . | |
| | | | | | | | | Teilekategorie: | | | |
| Rohrleitungsschema<br>Piping schema<br>Schéma du tuyautage | | | | | % | | | geprueft | . | . | |
| | | | | | | | | Anz. Bl. | 1 | Blatt-Nr. | 1 |
| schaerer CAD | | | | 4.5.6410 | | | | b | | | |

Achtung: CAD-Zeichnung! Aenderungen nur auf CAD-System vornehmen!

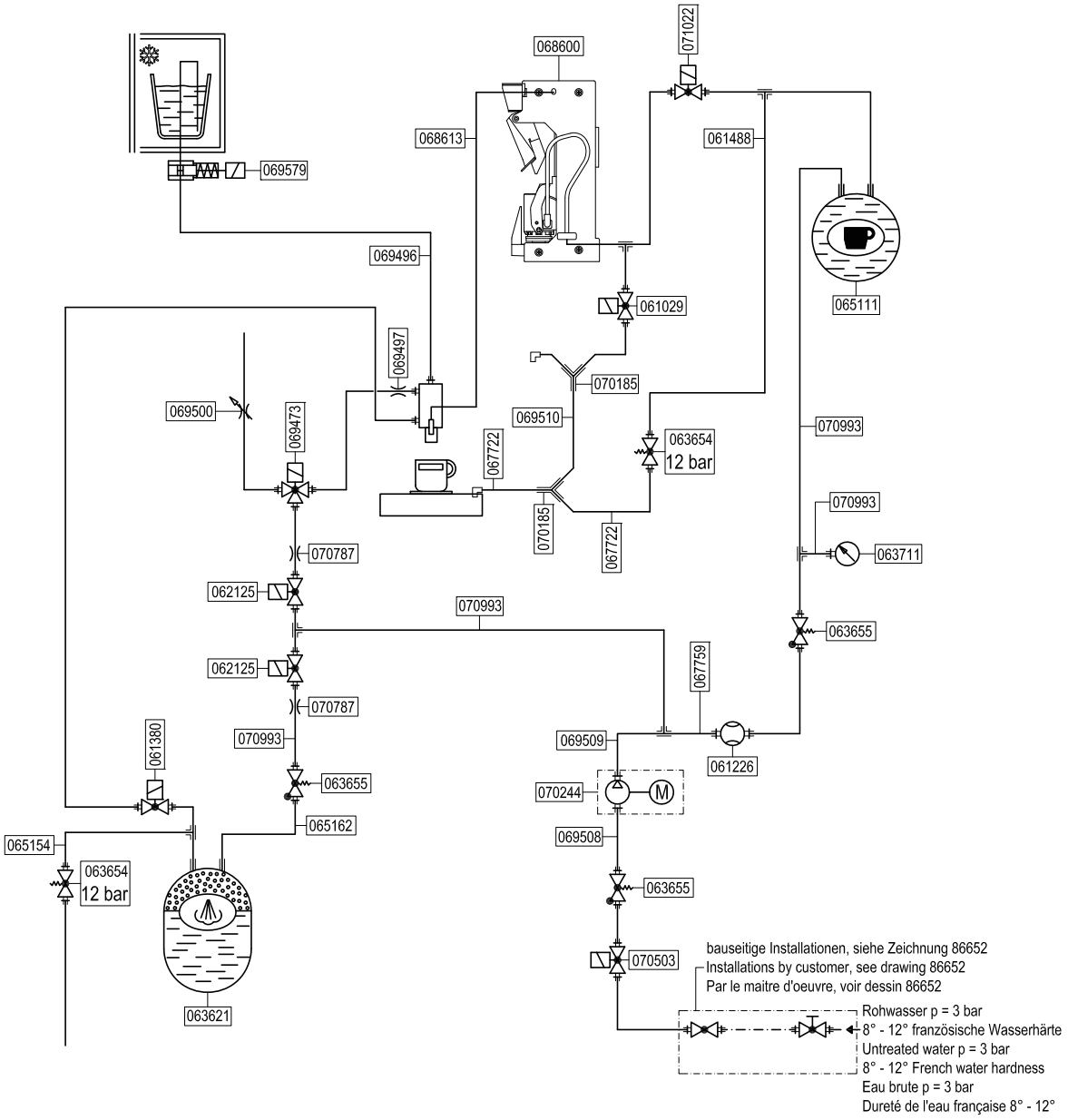
# Piping schema - Bypass




| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aenderungen: | | c) . | . | f) . | . | i) . | . | Bemerkungen: | | | |
| a) 06.07.07 | REJO | d) . | . | g) . | . | j) . | . | | | | |
| b) 28.01.08 | REJO | e) . | . | h) . | . | k) . | . | gezeichnet | 03.11.06 | R. Joye | |
| Ersatz für: 3.5.6411 a | | | | Ersetzt durch: . | | | | kontrolliert | . | . | |
| E6MU<br>Projekt: - | | | | Massstab | | | | freigegeben | . | . | |
| | | | | | | | | Teilekategorie: | | | |
| Rohrleitungsschema mit Bypass<br>Piping schema with bypass<br>Schéma du tuyautage avec bypass | | | | % | | | | geprueft | . | . | |
| | | | | | | | | Anz. Bl. | 1 | Blatt-Nr. | 1 |
| schaerer CAD | | | | 4.5.6411 | | | | b | | | |

Achtung: CAD-Zeichnung! Aenderungen nur auf CAD-System vornehmen!

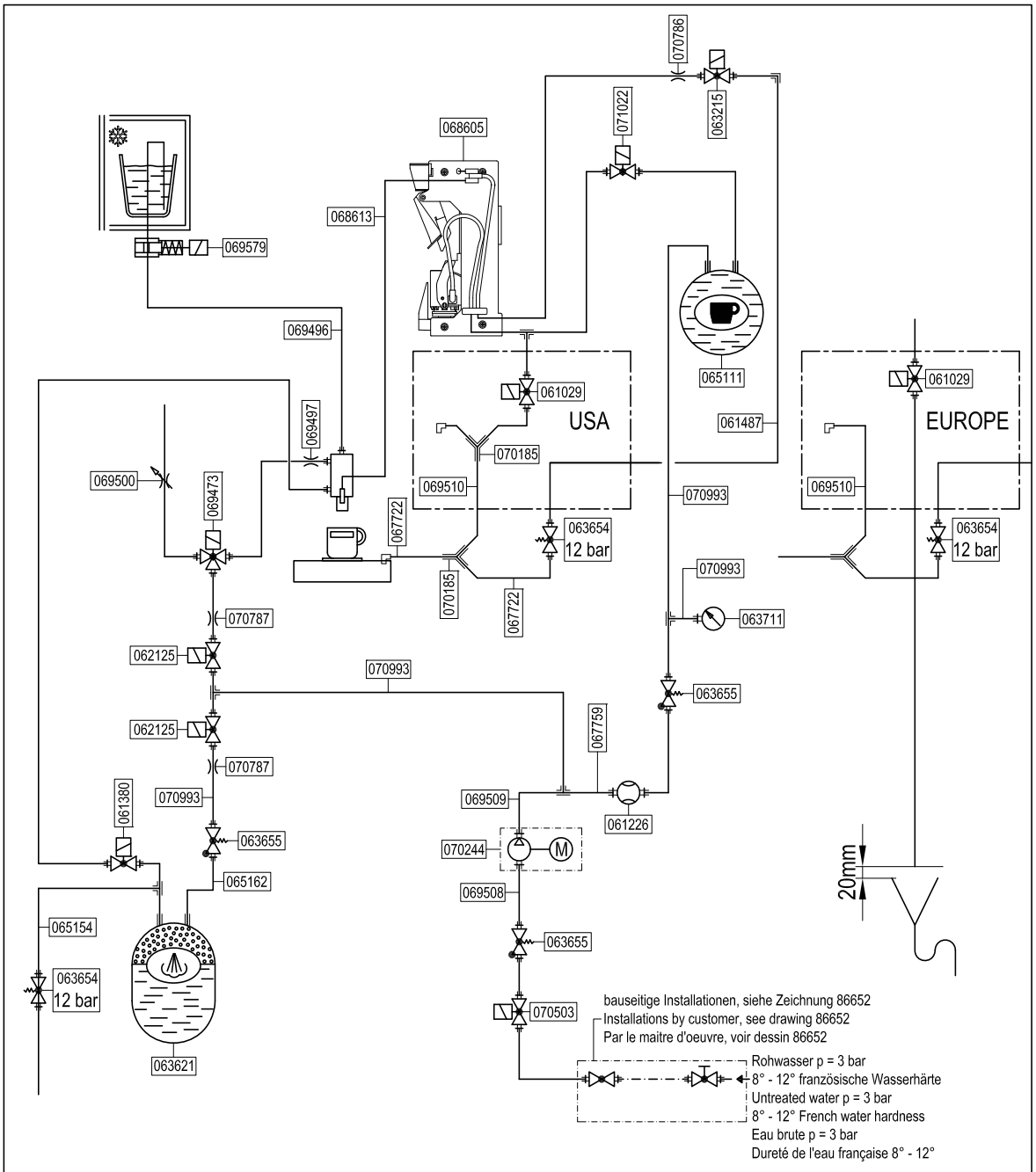
## Piping schema - Flush system




| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aenderungen: | | c) . | . | f) . | . | i) . | . | Bemerkungen: | | | |
| a) . | . | d) . | . | g) . | . | j) . | . | | | | |
| b) . | . | e) . | . | h) . | . | k) . | . | gezeichnet | 28.01.08 | R. Joye | |
| Ersatz für: . | | | | Ersetzt durch: . | | | | kontrolliert | . | . | |
| E6MU<br>Projekt: - | | | | | | Massstab | | freigegeben | . | . | |
| | | | | | | | | Teilekategorie: | | | |
| Rohrleitungsschema mit Flush-System<br>Piping schema with flush-system<br>Schéma du tuyautage avec système flush | | | | | | % | | geprueft | . | . | |
| | | | | | | | | Anz. Bl. | 1 | Blatt-Nr. | 1 |
| schaerer CAD | | | | 4.5.6432 | | | | . | | | |

Achtung: CAD-Zeichnung! Aenderungen nur auf CAD-System vornehmen!

## Piping schema - Bypass and flush system




| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aenderungen: | | c) . | . | f) . | . | i) . | . | Bemerkungen: | | | |
| a) . | . | d) . | . | g) . | . | j) . | . | | | | |
| b) . | . | e) . | . | h) . | . | k) . | . | gezeichnet | 28.01.08 | R. Joye | |
| Ersatz für: . | | | | Ersetzt durch: . | | | | kontrolliert | . | . | |
| E6MU<br>Projekt: - | | | | Massstab | | | | freigegeben | . | . | |
| | | | | | | | | Teilekategorie: | | | |
| Rohrleitungsschema mit Bypass und Flush-System<br>Piping schema with bypass and flush-system<br>Schéma du tuyautage avec bypass et système flush | | | | % | | | | geprueft | . | . | |
| | | | | | | | | Anz. Bl. | 1 | Blatt-Nr. | 1 |
| schaerer CAD | | | | 4.5.6433 | | | | . | | | |

Achtung: CAD-Zeichnung! Aenderungen nur auf CAD-System vornehmen!

## Accessories

**USA version**

068601 bean hopper

061666 Sticker
"Espresso Beans"

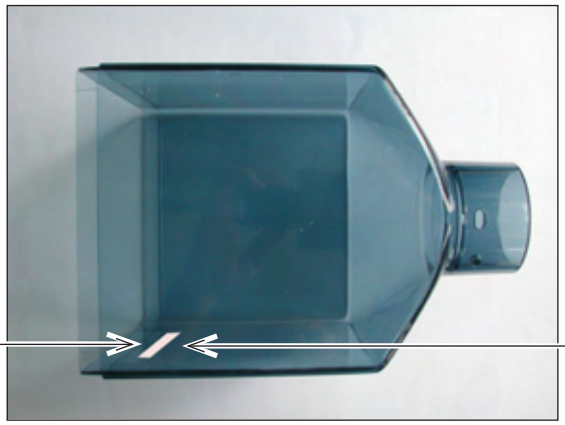


**EUROPE version**

068601 bean hopper

061666 Sticker
"Espresso Beans"

069604 bean hopper
rear



069604 bean hopper
rear

061364 Sticker
"Regular Beans"

061364 Sticker
"Regular Beans"

068602 Bean cover



068602 Bean cover

069518 Drip tray
without
discharge

Option:

069600 Drip tray with
discharge

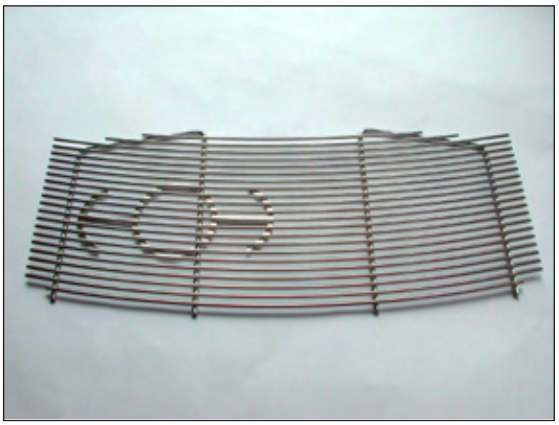
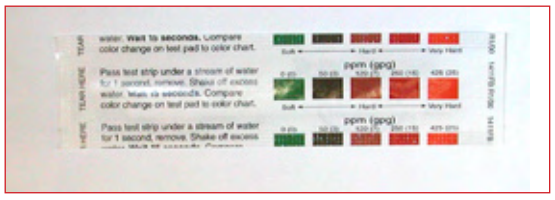


069600 Drip tray with
discharge

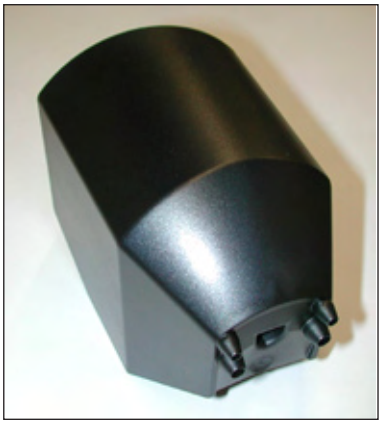
Option:

069518 Drip tray
without
discharge

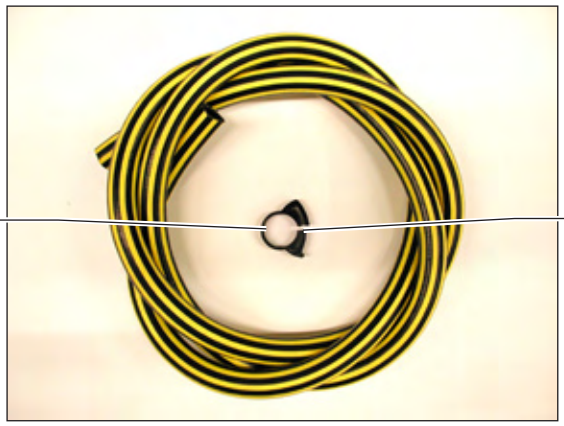
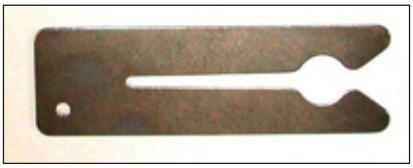
## Accessories

| USA version | | EUROPE version |
|---|---|---|
| 069465 Drip grille |  | 069465 Drip grille |
| 021700 E6MU User Manual |   | 021700 E6MU User Manual |
| 067409 Brush 75-40 |  | 067409 Brush 75-40 |
| 071288 Cleaning tablets |  | 071288 Cleaning tablets |
| 061356 Water hardness test strips |  | 061356 Water hardness test strips |
| 069634 Replacement slide bean hopper |  | 069634 Replacement slide bean hopper |

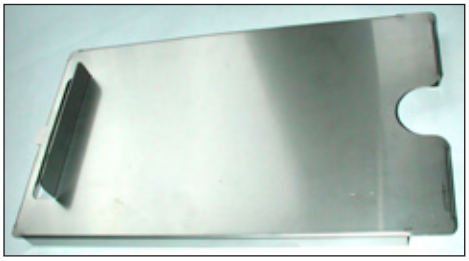
## Accessories

| USA version | | EUROPE version |
|---|---|---|
| 021705 QRC daily Milk bag<br>021710 QRC daily Milk gallon<br>021715 QRC weekly Brewer & been hopper |  | 021720 QRC daily Milk container<br>021715 QRC weekly Brewer & bean hopper |
| 020791 Info Urnex |  | **none** |
| 069522 Dispensing cup |  | 069522 Dispensing cup |
| 068661 Sticker, cleaning |   | 068664 Sticker cleaning |

## Accessories

| USA version | | EUROPE version |
|---|---|---|
| Option: | | |
| 063345 Discharge hose | | 063345 Discharge hose |
| 071549 Hose clamp |  | 071549 Hose clamp |
| 069523 milk foamer |  | 069523 milk foamer |
| **none** |  | 065574 Milk hose |
| **none** |  | 069575 Clip |

## Accessories

| USA version | | EUROPE version |
|---|---|---|
| none |  | 069578 Milk container |
| | | Cover |
| none |  | 069581 Landing milk container |
| none |  | 067766 Armoured hose |
| | | 064249 Flat seal |