

FV 40.2

Premium Class

Glass and dishwashing machine



The all-rounder FV 40.2 -
Marvellously modular with *GiO MODULE*



FV 40.2 – fulfills all washing tasks: The all-rounder with MIKE 2 operating comfort

The FV 40.2 glass and dishwasher represents the unique symbiosis of innovative technology with modern design. Proved and tested state-of-the-art MEIKO washing technology makes the FV 40.2 a reliable all-rounder. It comprises all that is essential for a reliable, hygienic and economic washing result.



FV 40.2

Good things can always be done better, that is the philosophy of MEIKO – and the FV 40.2 is the current proof.

MEIKO produces dishwashers which are different.

FV 40.2: Superior technology meets state-of-the-art design.

A host of useful features provide the FV 40.2 with unique advantages making it the most suitable machine for all washing tasks. The FV 40.2 comprises all that is useful and beneficial from an operator point of view.

- User-friendly, intelligent fully electronic control system *MIKE 2*
- The *AktivPlus* drain filter system
- The MEIKO Aqua-Stop-System ASS
- Soft start up to self-cleaning to protect the dishes from damage
- And the *GiO MODULE*, the optional MEIKO reverse osmosis system

In all:

An attractive washing concept that not only guarantees superb washing results, but also delivers impressive operating efficiencies - and all that at an extremely attractive price.

Entry height (in mm):
H 420

Dimensions (in mm):
H 820-850, W 600, D 600

Basket dimensions (in mm):
500 x 500

Throughput:
Up to 40 baskets/hour

MEIKO Technology:



MIKE 2 – the latest fully electronic control system with infrared interface for all our *Point2* generation of machines.



MIKE 2 – The MEIKO technology for the highest user comfort.



It could not be more comfortable:

MIKE 2 represents one of the most innovative control technologies for warewashing machines. In connection with the intelligent *M-Commander W*, data can now be easily read, defined, and forwarded online to the plant or customer service for immediate processing. Your advantages: Clear advantages in terms of time, effort, and costs.

EWS – That's how MEIKO saves even more water and energy.



This technology is based on the consistent realisation of the advantages of the MEIKO *AktivPlus* filter technology, the excellent effectiveness of which provides the suds with a previously unknown level of "purity". Only 2.6 litres of fresh water are now needed per wash cycle to achieve first-class results.

FV 40.2 – Comprising features both useful and beneficial

The FV 40.2 in detail



AktivPlus drain filter system

Tank water is filtered several times ensuring that residues are effectively removed and guaranteeing first class washing results.



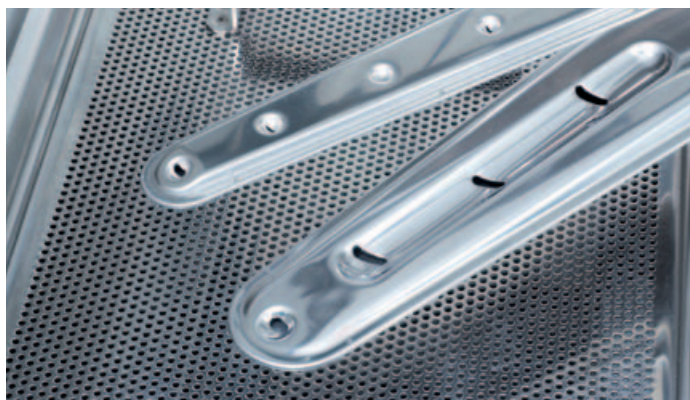
Rapid regeneration

Wash tank capacity of 11 litres. Exact the correct volume for fresh water for a thorough and fast regeneration of the wash water.



Quality assured

With the large deep-drawn wash tank, integral moulded basket runners, and covered edges throughout, this machine is a pleasure to maintain.



Safety first

Only reliable components and first class materials are used in the manufacture of our machines. This guarantees a high standard of operator security. We also only use stainless steel for our wash and rinse arms to ensure a long working life.



Machine supplied with hose and cable connection kit

Position the machine and connect to services and you are ready for commissioning and start-up. With the built-in drain pump, a waste discharge height of up to 700 mm is possible.

FV 40.2 – Features that deliver real benefits

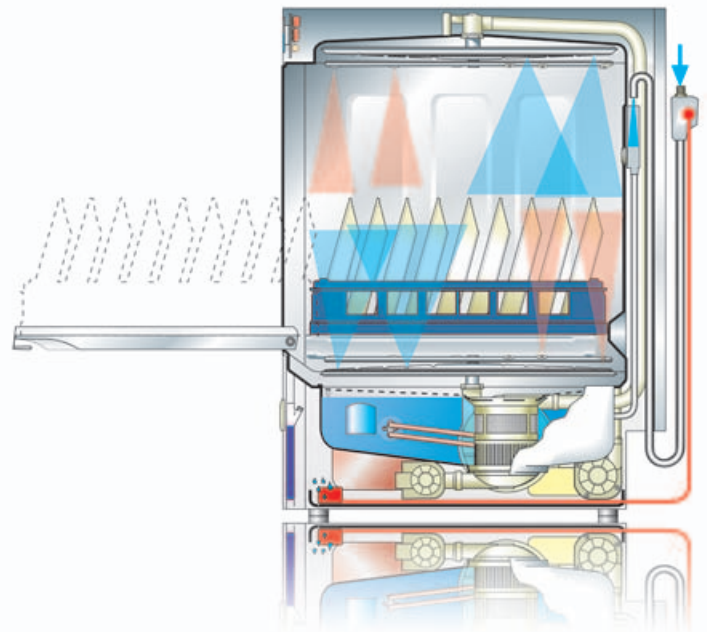
Convincing in all respects –
that's MEIKO dishwashing technology

- **Clear entry dimensions of 420H x 540W x 535D**
allow all types of products to be washed, including GN trays.
- **Perforated tank strainer**
to direct food residue into the *AktivPlus* drain filter system.
- **Aqua-Stop-System ASS with bottom sheet**
high operating safety due to automatic leaking water control and optimal protection of all incorporated parts.
- **Wash and rinse arms made of stainless steel**
robust for even the heaviest of commercial applications.
- **Sloping and tented ceiling**
prevents the washing solution from dripping onto the cleaned items.
- **Built-in drain pump**
suitable for a waste outlet height of 700 mm.
- **Built-in chemical pumps**
including liquid detergent and rinse aid containers.
- **ADT – Advanced Dosing Technology**
secure - reliable - long-lasting.



- **Self-cleaning programme**
following drain down of the machine.
- **Soft start feature**
for protection of delicate glassware and crockery.
- **Boiler safety interlock**
extends the washing programme if the rinse temperature is not achieved – Total hygiene security.
- **Rinse booster pump**
ensures a constant rinse water volume and temperature, regardless of mains water pressure.
- **Class 'A' air gap**
complies with all local water authority byelaws.
- **AktivPlus drain filter system**
gives first class cleaning results due to the multi-filtering of the wash tank water.
- **Rapid regeneration wash tank**
with only 11 ltr capacity to reduce running costs and to ensure that the machine is always ready for operation.
- **Water changing programme** (optional).

Upon request we will deliver integrated high-quality
water treatment technology.



Highlights of the MEIKO washing technology

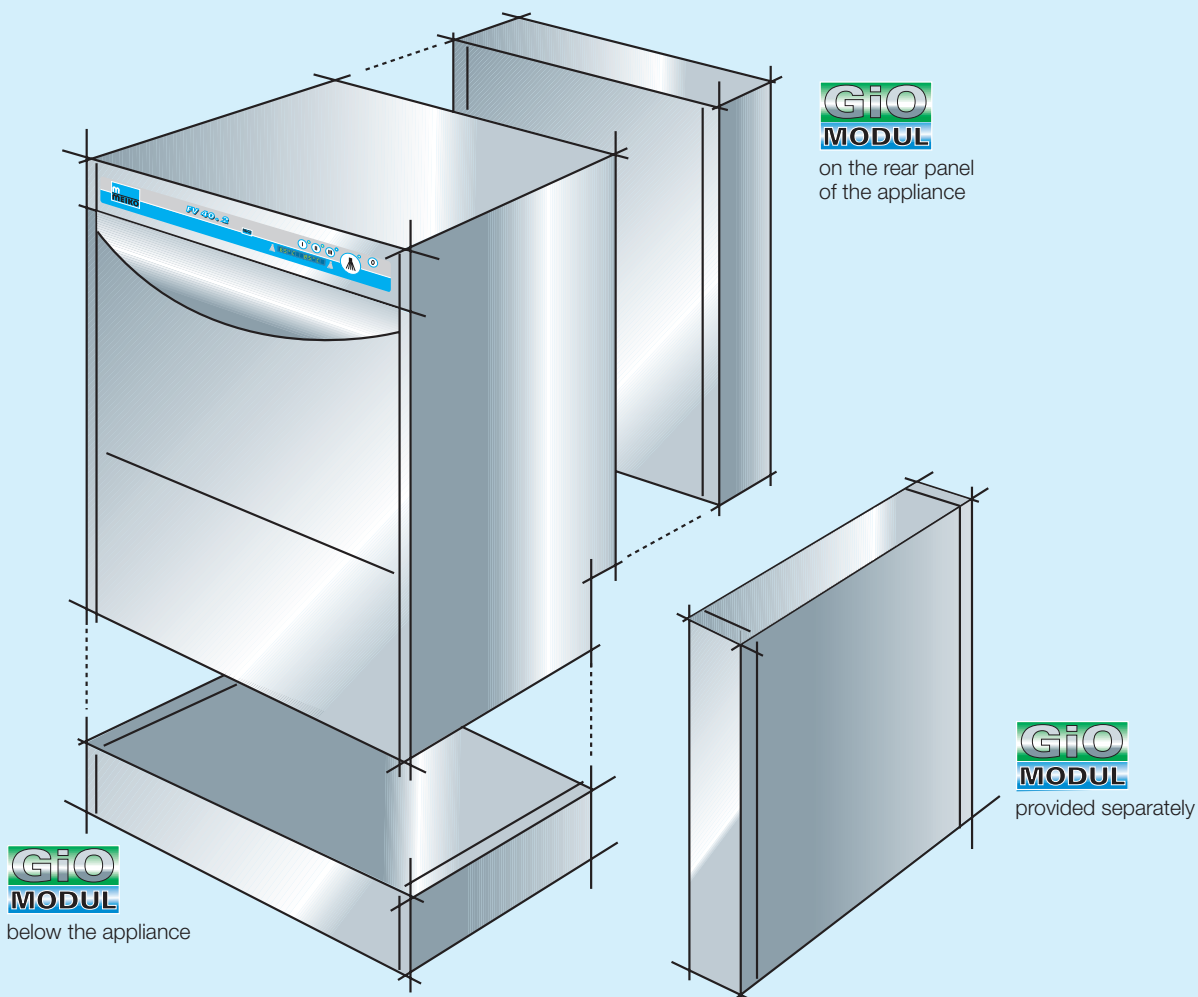


Clean and perfect. MEIKO GiO MODULE – the reverse osmosis system, brilliant performance in a modular design.

With its new design and look, this reverse osmosis system with a 98% demineralisation rate offers optimum performance

with minimum space requirements. Clean, sparkling, hygienically flawless dishes and glassware for many years.

- Minimum space
- With complete connection set
- Fully integrated into the control of the dishwasher



FV 40.2 glass washer
GiO MODULE on the rear panel of the appliance.



FV 40.2 glass washer
GiO MODULE can be located nearby or in another room.

FV 40.2 – Everything's possible: Models that can be delivered



FV 40.2 – always on top: the new MEIKO pre-wash unit on top.

The warranty for maximum pleasure of washing.

Economic operating sequences without additional space requirement save time and additional equipment. Ergonomic working is guaranteed because the washing basket can be easily located in the pre-wash unit on top – to the joy of your personnel.



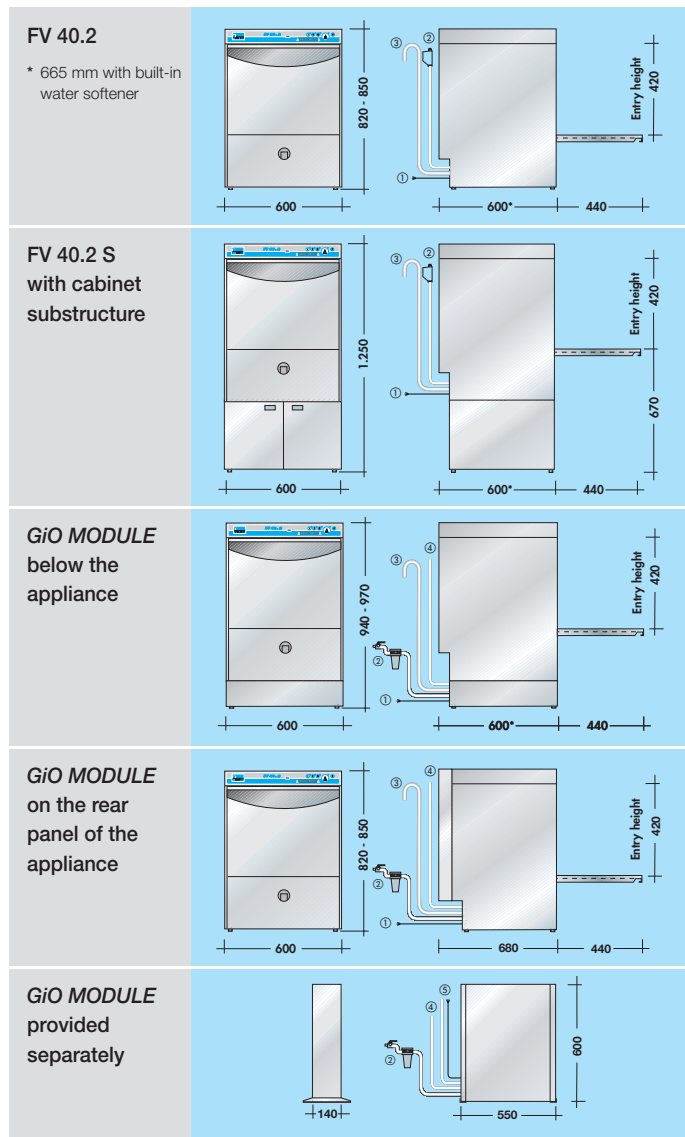
FV 40.2 S cabinet substructure

For an even more comfortable handling



FV 40.2 washing center

Ideal and compact combination



Programme times:

| | | |
|---------------------|-----------------------|---------------------|
| Short programme | = 90 seconds (400 V) | 160 seconds (230 V) |
| Normal programme | = 120 seconds (400 V) | 240 seconds (230 V) |
| Intensive programme | = 240 seconds (400 V) | 360 seconds (230 V) |

| FV 40.2 | 230 V | 400 V |
|--|-----------|----------|
| Basket dimensions (mm) | 500 x 500 | |
| Entry height (mm) | 420 | |
| Theoretical basket capacity (per hour)* | 22/15/10 | 40/30/15 |
| Plates (per hour) up to | 396 | 720 |
| Glasses (per hour) | 792 | 1440 |
| Pump motor (kW) | 0.55 | |
| Tank capacity (litres) | 11 | |
| Final rinse (litres/basket) | 2.6 | |
| Tank heating (kW) | 2.0 | 1.3 |
| Built-in boiler with | | |
| 45°C inlet temperature (kW) | 3.0 | 4.5 |
| 10°C inlet temperature (kW) | 3.0 | 7.5 |
| Total connected load for | | |
| 45°C inlet temperature (kW) | 3.7 | 6.5 |
| 10°C inlet temperature (kW) | 3.7 | 9.5 |

*If connected to cold water and / or if there are brief basket changing times, the cycle times for reaching hygienic rinsing temperatures increase. The programme cycles are longer for the water change programme.

Electrical installation:

Electrical connection: ① Alternating current 1 NPE, 230 V, 50 Hz; three-phase current 3 NPE, 400 V, 50 Hz. With integrated AktivClean water softener (option), total supply increases by 0.25 kW. Circuit complies with the requirements of the VDE (German Association of Electrical Engineers).

Water installation:

The machines can be connected directly to the fresh water supply without the use of intermediate safety fixtures ②. Minimum flow pressure 0.6 bar, maximum pressure 5 bar. Installation requirements of EN 1717 are to be observed. 3/4" drain. Wall-mounted, on-site drain should be max. 700 mm high ③. Length of connection cables from the machine is approx. 1.4 m.

GiO MODULE (all models):

Cold water (max. 35°C). Minimum flow pressure 1 bar, maximum pressure 5 bar. Conductivity of raw water <1000 µS/cm. Total water hardness max. 28°dH (German hardness). Including connection kit: check valve, pressure regulating valve, filter 10 µm including activated carbon, safety equipment "HD" (backflow preventer and pipe aerator). Installation requirements of EN 1717 must be observed. Connection length approx. 3 m. Connection kit of the appliance with reinforced hose (without AquaStop). Concentrate drain 1/2" ④, length approx. 2 m. Permeate and electrical cables between machine and separate GiO MODULE approx. 3 m ⑤.

(1 bar = 100 kPa) (1° dH ca. 0.18 mmol/l CaCO₃)



In accordance with the hygiene requirements of DIN 10511-H for commercial glasswashing and DIN 10512 for commercial dishwashing

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