

**Miele**

# JTM Service - Miele PFD 405 Hygiene Air Dishwasher



## PFD 405 [WB HygieneAir]

Freestanding fresh water dishwasher

With baskets, for all locations with high hygiene requirements.



- Max. cleaning performance\*: 456 plates/h or 20baskets/h
- Perfect drying results thanks to DryPlus drying
- Extremely hygienic results –final rinse temperature of 85 °C
- Maximum convenience with M Touch Flex full-touch colour display
- First-class results thanks to freshwater wash system

EAN: 4002516576983 / Article number: 61040510GB / Material number: 12066210

### Construction type and design

Construction type	Freestanding dishwasher, front loader
Range	MasterLine
Model	Hygieneair
Wash system	Fresh water front loader
Number of levels	2
Front	Stainless steel
Lid	Stainless Steel
Side panels	Stainless steel
Rear panel	Galvanised

### Application

Suitable for retirement and care homes	•
Suitable for hospitals	•
Suitable for child care facilities	•
Suitable for universities and schools	•

### Performance data

Tested virucidal efficacy	•
Proven hygiene	•
Circulation pump Qmax in l/min.	390
Shortest programme duration in min.	5
Maximum final rinse temperature in °C	85
Cleaning performance, plates/h	456
Cleaning performance, plates/h with Dry+	99
Cleaning performance, baskets/h	20
Possible to wash plastic baskets on 2 levels	•
Service life in wash cycles	28000

### Miele MOVE

Network-enabled with Miele MOVE	•
Display of machine status and details	•
Receipt of push notifications	•
Assignment of individual machine names	•
Location configuration	•
Reorder consumables	•
Fault management	•
Operating data acquisition	•
Self-help function	•
Installation of remote updates and software updates	•

## PFD 405 [WB HygieneAir]

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With baskets, for all locations with high hygiene requirements.



<b>Controls</b>	
Control system	M Touch Flex
Max. delay start in h	24
Time left display	•
Programmes [number]	12
Programme sequence indicator	•
Choice of display language	•
Language-neutral operation	•
<b>Standard electrical connection</b>	
Electrical connection	AC 230V 50HZ
Heater rating in kW	5.5
Total connected load in kW	5.9
Fuse rating in A	30-32
Length of mains connection cable in m	1.9
<b>Possible voltage variant 1</b>	
Electrical connection	AC 230V 50HZ
Heater rating in kW	2.5
Total connected load in kW	2.9
Fuse rating in A	13
<b>Possible voltage variant 2</b>	
Electrical connection	AC 230V 50HZ
Heater rating in kW	3
Total connected load in kW	3.4
Fuse rating in A	16
<b>Water connection/drainage</b>	
Cold water [number]	1
Hot water [number]	1
Required flow pressure in bar	0.4-10
Drain pump [DN]	22
Drain pump head height from floor level, max. in c	100
Integrated water softener	•
Maximum water hardness in mmol/l	10.7
Water protection system	Waterproof system
Water consumption per wash cycle in l	8
Length of water inlet hose in cm	170
Length of water drain hose in cm	150

## PFD 405 [WB HygieneAir]

Freestanding fresh water dishwasher

With baskets, for all locations with high hygiene requirements.



<b>Dimensions and weight</b>	
External dimensions, height in mm	820
External dimensions with lid, height in mm	835
External dimensions, net width in mm	598
External dimensions, net depth in mm	598
External dimensions, gross height in mm	920
External dimensions, gross width in mm	670
External dimensions, gross depth in mm	740
Usable space in wash cabinet, height in mm	559
Usable space in wash cabinet, width in mm	536
Usable space in wash cabinet, depth of upper basket	474
Usable space in wash cabinet, depth of lower basket in mm	516
In-feed height above floor in mm	216
Required niche width in mm	600
Net weight [kg]	78
Gross weight in kg	88
Maximum floor loading in N	1200
<b>Emissions data</b>	
Emissions – sound pressure at workplace	47 dB(A) re 20 µPa
Sound power (LwA) in dB(A) re 1 pW	59
Heat dissipation into the room in MJ/h	1.44
<b>Programmes</b>	
Universal	•
Super short	•
Short	•
Hygiene	•
Hygiene plus	•
Cold/Pre-wash	•
Glasses	•
Beer glasses	•
Cutlery	•
Plastics	•
Energy save/Eco	•
Intensive	•
Reactivation	•
Drainage	•
<b>Basket design</b>	
2 x E 816 inserts for plates	•
Height-adjustable upper basket	•
Combinable with APFD 210 bottle basket	•

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Freestanding fresh water dishwasher

With baskets, for all locations with high hygiene requirements.



Features	
Drying	AutoOpen assisted drying Dry+ drying
1 combi dispenser in the door for powder cleaning agent and rinsing agent	•
Wash cabinet made from high-quality stai	•
In-door salt container	•
AutoClose	•
Perfect GlassCare	•
Door lock, protected by code	•
Adjustable temperature holding time	•
Drying time can be altered	•
Optical interface	•
Highly effective filter system with filter monitoring	•
WiFi module	•
A wide range of accessories (optional)	•
Connection options	
External dispensing module for liquid detergent	•
External dispensing module for rinse aid	•
Standards, certs, symbols	
CE	•
Complies with Machinery Directive 2006/42/EC	•
Splash-protection IPX1	•
EMC radio suppressed	•
DIN 10512	•
DIN EN 17735	•
Regulation 4 compliant	•
UKCA	•

## PFD 405 [WB HygieneAir]

Freestanding fresh water dishwasher

With baskets, for all locations with high hygiene requirements.



- Max. cleaning performance\*: 456 plates/h or 24baskets/h
- Perfect drying results thanks to DryPlus drying
- Extremely hygienic results –final rinse temperature of 85 °C
- Maximum convenience with M Touch Flex full-touch colour display
- First-class results thanks to freshwater wash system

EAN: 4002516577027 / Article number: 61040515GB / Material number: 12066250

### Construction type and design

Construction type	Freestanding dishwasher, front loader
Range	MasterLine
Model	Hygieneair
Wash system	Fresh water front loader
Number of levels	2
Front	Stainless steel
Lid	Stainless Steel
Side panels	Stainless steel
Rear panel	Galvanised

### Application

Suitable for retirement and care homes	•
Suitable for hospitals	•
Suitable for child care facilities	•
Suitable for universities and schools	•

### Performance data

Tested virucidal efficacy	•
Proven hygiene	•
Circulation pump Qmax in l/min.	390
Shortest programme duration in min.	5
Maximum final rinse temperature in °C	85
Cleaning performance, plates/h	456
Cleaning performance, plates/h with Dry+	104
Cleaning performance, baskets/h	24
Possible to wash plastic baskets on 2 levels	•
Service life in wash cycles	28000

### Miele MOVE

Network-enabled with Miele MOVE	•
Display of machine status and details	•
Receipt of push notifications	•
Assignment of individual machine names	•
Location configuration	•
Reorder consumables	•
Fault management	•
Operating data acquisition	•
Self-help function	•
Installation of remote updates and software updates	•

## PFD 405 [WB HygieneAir]

Freestanding fresh water dishwasher

With baskets, for all locations with high hygiene requirements.



<b>Controls</b>	
Control system	M Touch Flex
Max. delay start in h	24
Time left display	•
Programmes [number]	12
Programme sequence indicator	•
Choice of display language	•
Language-neutral operation	•
<b>Standard electrical connection</b>	
Electrical connection	3N AC 400V 50HZ
Heater rating in kW	8.5
Total connected load in kW	8.9
Fuse rating in A	15-16
Length of mains connection cable in m	1.9
<b>Possible voltage variant 1</b>	
Electrical connection	AC 230V 50HZ
Heater rating in kW	3
Total connected load in kW	3.4
Fuse rating in A	15-16
<b>Water connection/drainage</b>	
Cold water [number]	1
Hot water [number]	1
Required flow pressure in bar	0.4-10
Drain pump [DN]	22
Drain pump head height from floor level, max. in c	100
Integrated water softener	•
Maximum water hardness in mmol/l	10.7
Water protection system	Waterproof system
Water consumption per wash cycle in l	8
Length of water inlet hose in cm	170
Length of water drain hose in cm	150

## PFD 405 [WB HygieneAir]

Freestanding fresh water dishwasher

With baskets, for all locations with high hygiene requirements.



<b>Dimensions and weight</b>	
External dimensions, height in mm	820
External dimensions with lid, height in mm	835
External dimensions, net width in mm	598
External dimensions, net depth in mm	598
External dimensions, gross height in mm	920
External dimensions, gross width in mm	670
External dimensions, gross depth in mm	740
Usable space in wash cabinet, height in mm	559
Usable space in wash cabinet, width in mm	536
Usable space in wash cabinet, depth of upper basket	474
Usable space in wash cabinet, depth of lower basket in mm	516
In-feed height above floor in mm	216
Required niche width in mm	600
Net weight [kg]	78
Gross weight in kg	88
Maximum floor loading in N	1200
<b>Emissions data</b>	
Emissions – sound pressure at workplace	47 dB(A) re 20 µPa
Sound power (LwA) in dB(A) re 1 pW	59
Heat dissipation into the room in MJ/h	1.44
<b>Programmes</b>	
Universal	•
Super short	•
Short	•
Hygiene	•
Hygiene plus	•
Cold/Pre-wash	•
Glasses	•
Beer glasses	•
Cutlery	•
Plastics	•
Energy save/Eco	•
Intensive	•
Reactivation	•
Drainage	•
<b>Basket design</b>	
2 x E 816 inserts for plates	•
Height-adjustable upper basket	•
Combinable with APFD 210 bottle basket	•



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With baskets, for all locations with high hygiene requirements.



Features	
Drying	Dry+ drying AutoOpen assisted drying
1 combi dispenser in the door for powder cleaning agent and rinsing agent	•
Wash cabinet made from high-quality stai	•
In-door salt container	•
AutoClose	•
Perfect GlassCare	•
Door lock, protected by code	•
Adjustable temperature holding time	•
Drying time can be altered	•
Optical interface	•
Highly effective filter system with filter monitoring	•
WiFi module	•
A wide range of accessories (optional)	•
Connection options	
External dispensing module for liquid detergent	•
External dispensing module for rinse aid	•
Standards, certs, symbols	
CE	•
Complies with Machinery Directive 2006/42/EC	•
Splash-protection IPX1	•
EMC radio suppressed	•
DIN 10512	•
DIN EN 17735	•
Regulation 4 compliant	•
UKCA	•

## PFD 405 DOS [WB HygieneAir]

Freestanding fresh water dishwasher

With baskets, for all locations with high hygiene requirements.



- Max. cleaning performance\*: 380 plates/h or 20baskets/h
- Perfect drying results thanks to DryPlus drying
- Easy and safe handing thanks to automatic dispensing
- Extremely hygienic results –final rinse temperature of 85 °C
- Maximum convenience with M Touch Flex full-touch colour display

EAN: 4002516576990 / Article number: 61040587GB / Material number: 12066220

### Construction type and design

Construction type	Freestanding dishwasher, front loader
Range	MasterLine
Model	Hygieneair
Wash system	Fresh water front loader
Number of levels	2
Front	Stainless steel
Lid	Stainless Steel
Side panels	Stainless steel
Rear panel	Galvanised

### Application

Suitable for retirement and care homes	•
Suitable for hospitals	•
Suitable for child care facilities	•
Suitable for universities and schools	•

### Performance data

Tested virucidal efficacy	•
Proven hygiene	•
Circulation pump Qmax in l/min.	390
Shortest programme duration in min.	6
Maximum final rinse temperature in °C	85
Cleaning performance, plates/h	380
Cleaning performance, plates/h with Dry+	99
Cleaning performance, baskets/h	20
Possible to wash plastic baskets on 2 levels	•
Service life in wash cycles	28000

### Miele MOVE

Network-enabled with Miele MOVE	•
Display of machine status and details	•
Receipt of push notifications	•
Assignment of individual machine names	•
Location configuration	•
Reorder consumables	•
Fault management	•
Operating data acquisition	•
Self-help function	•
Installation of remote updates and software updates	•

## PFD 405 DOS [WB HygieneAir]

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With baskets, for all locations with high hygiene requirements.



<b>Controls</b>	
Control system	M Touch Flex
Max. delay start in h	24
Time left display	•
Programmes [number]	12
Programme sequence indicator	•
Choice of display language	•
Language-neutral operation	•
<b>Standard electrical connection</b>	
Electrical connection	AC 230V 50HZ
Heater rating in kW	5.5
Total connected load in kW	5.9
Fuse rating in A	30-32
Length of mains connection cable in m	1.9
<b>Possible voltage variant 1</b>	
Electrical connection	AC 230V 50HZ
Heater rating in kW	2.5
Total connected load in kW	2.9
Fuse rating in A	13
<b>Possible voltage variant 2</b>	
Electrical connection	AC 230V 50HZ
Heater rating in kW	3
Total connected load in kW	3.4
Fuse rating in A	16
<b>Water connection/drainage</b>	
Cold water [number]	1
Hot water [number]	1
Required flow pressure in bar	0.4-10
Drain pump [DN]	22
Drain pump head height from floor level, max. in c	100
Integrated water softener	•
Maximum water hardness in mmol/l	10.7
Water protection system	Waterproof system
Water consumption per wash cycle in l	8
Length of water inlet hose in cm	170
Length of water drain hose in cm	150

## PFD 405 DOS [WB HygieneAir]

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<b>Dimensions and weight</b>	
External dimensions, height in mm	820
External dimensions with lid, height in mm	835
External dimensions, net width in mm	598
External dimensions, net depth in mm	598
External dimensions, gross height in mm	920
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External dimensions, gross depth in mm	740
Usable space in wash cabinet, height in mm	559
Usable space in wash cabinet, width in mm	536
Usable space in wash cabinet, depth of upper basket	474
Usable space in wash cabinet, depth of lower basket in mm	516
In-feed height above floor in mm	216
Required niche width in mm	600
Net weight [kg]	79
Gross weight in kg	89
Maximum floor loading in N	1200
<b>Emissions data</b>	
Emissions – sound pressure at workplace	47 dB(A) re 20 µPa
Sound power (LwA) in dB(A) re 1 pW	59
Heat dissipation into the room in MJ/h	1.44
<b>Programmes</b>	
Universal	•
Super short	•
Short	•
Hygiene	•
Hygiene plus	•
Cold/Pre-wash	•
Glasses	•
Beer glasses	•
Cutlery	•
Plastics	•
Energy save/Eco	•
Intensive	•
Reactivation	•
Drainage	•
<b>Basket design</b>	
2 x E 816 inserts for plates	•
Height-adjustable upper basket	•
Combinable with APFD 210 bottle basket	•

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With baskets, for all locations with high hygiene requirements.



Features	
Drying	Dry+ drying AutoOpen assisted drying
1 combi dispenser in the door for powder cleaning agent and rinsing agent	•
Integrated dispensing pump/dispensing module for liquid cleaning agent with fill level indicator	•
Wash cabinet made from high-quality stainless steel	•
In-door salt container	•
AutoClose	•
Perfect GlassCare	•
Door lock, protected by code	•
Adjustable temperature holding time	•
Drying time can be altered	•
Optical interface	•
Highly effective filter system with filter monitoring	•
WiFi module	•
A wide range of accessories (optional)	•
Connection options	
External dispensing module for rinse aid	•
Standards, certs, symbols	
CE	•
Complies with Machinery Directive 2006/42/EC	•
Splash-protection IPX1	•
EMC radio suppressed	•
DIN 10512	•
DIN EN 17735	•
Regulation 4 compliant	•
UKCA	•

The Miele logo is displayed in white, bold, sans-serif font against a dark red rectangular background.

# Miele

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