MODEL SPECIFICATION

B36645(M-112-0600C) – Knee Basin with Upstand, Metered Valve

DOCUMENT SCOPE	DOCUMENT REFERENCE	GENERATED ON
Model	B36645(M-112-0600C){PSS}	17 Nov 2026

01 Model specification

Knee Operated Wash Hand Basin, Grade 304 Stainless Steel 1.2mm, 600 x 435 x 692mm, Metered Valve, Rear Upstand and Bib Spout

02 Technical specifications

PARAMETER	VALUE	UNIT	TECHNICAL NOTE
Demand / Metered Valve	Metered Valve	–	–
Material	Stainless Steel Grade 304	–	The primary material used in the construction of the item. Certain components may be manufactured from different materials.
Waste Outlet Diameter	40	mm	–
Material Thickness	1.2	mm	The thickness of the material used for the item's primary construction. The thickness of individual components may vary.
Waste Outlet Orientation	Centre	–	–
Bowl Depth	150	mm	–
Mounting Type	Wall Mounted	–	–

03 Dimensions and mass

PARAMETER	VALUE	UNIT
Length	600	mm
Width	435	mm
Overall height	692	mm

04 Model and supply data

Parent product	B36645 — Knee-Operated Wash Basin with Upstand
Typical lead time	10–15 working days
Warranty	12 months

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05 Specification notes

Configuration description

The Basterfield B36645(M-112-0600C) is a wall-mounted knee-operated wash hand basin with metered valve activation. It is manufactured from 1.2 mm Grade 304 stainless steel and measures 600 mm long x 435 mm wide x 692 mm overall height.

The trough-style bowl is 150 mm deep, with smooth radiused corners and a central 40 mm waste outlet. An integral rear upstand helps protect the wall from splash, and a standard bib spout supplies water to the basin.

The front-mounted control can be operated with either knee, leaving both hands free for washing. Water flows for a preset period after knee activation. This metered configuration is available under advanced customisation.

Short Form Specification

SPECIFICATION USE
Use this description when specifying this model.

Basterfield B36645(M-112-0600C) knee-operated wash hand basin; Grade 304 stainless steel, 1.2 mm thick; 600 x 435 x 692 mm overall (L x W x H); 150 mm deep trough bowl with radiused corners and central 40 mm waste outlet; integral rear upstand; wall-mounted; front-mounted knee-operated metered valve; standard bib spout.

Detailed specification

- Model: B36645(M-112-0600C)
- Material: Grade 304 stainless steel
- Material thickness: 1.2 mm
- Overall dimensions (L x W x H): 600 x 435 x 692 mm
- Bowl depth: 150 mm
- Bowl corners: Radiused
- Waste outlet: 40 mm diameter, centre
- Rear upstand: Integral
- Mounting: Wall mounted
- Valve activation: Knee-operated metered valve
- Operation: Water flows for a preset period after knee activation.
- Spout: Standard bib spout

06 Frequently asked questions

How is the B36645 wash basin operated?

The front-mounted knee control can be operated with either the left or right knee. Water is delivered through the supplied standard bib spout, leaving both hands free for washing. Demand activation is standard; metered activation is available under advanced customisation.

What are the overall dimensions?

The basin measures 600 mm long x 435 mm wide x 692 mm overall height. The overall unit height is not the installation height above the floor; agree the mounting position for the intended users and plumbing layout.

What material and thickness are used?

These B36645 demand and metered configurations are manufactured from Grade 304 stainless steel with a 1.2 mm material thickness.

What bowl depth and waste outlet are provided?

The trough-style bowl is 150 mm deep, with smooth radiused corners and a centrally positioned 40 mm waste outlet.

How is the basin mounted?

The basin is designed for wall mounting and includes an integral rear upstand to help protect the wall from splash. Confirm suitable wall support, mounting height and plumbing access for the installation.

What is the difference between demand and metered activation?

The demand valve supplies water while the knee control is pressed. The metered valve supplies water for a preset period after activation. Choose Show advanced options to select the metered configuration.

Which model codes should I specify?

Specify B36645(D-112-0600C) for the standard demand-valve model or B36645(M-112-0600C) for the advanced metered-valve model. Both use the 600 mm Grade 304, 1.2 mm basin configuration.

Where can the B36645 be used?

The basin provides personnel handwashing at food-processing plants, commercial kitchens, catering facilities and staff change rooms. It can also serve healthcare, laboratory and pharmaceutical support areas where the project specification calls for knee-operated handwashing.

When should I select the optional thermostatic mixing valve?

Choose this optional extra when hot and cold water need to be mixed into a pre-tempered supply. The knee control switches water flow on or off; it does not mix the supplies or adjust the temperature. The Advanced Ø22mm valve is supplied and priced separately from the basin.

How many thermostatic mixing valves are recommended?

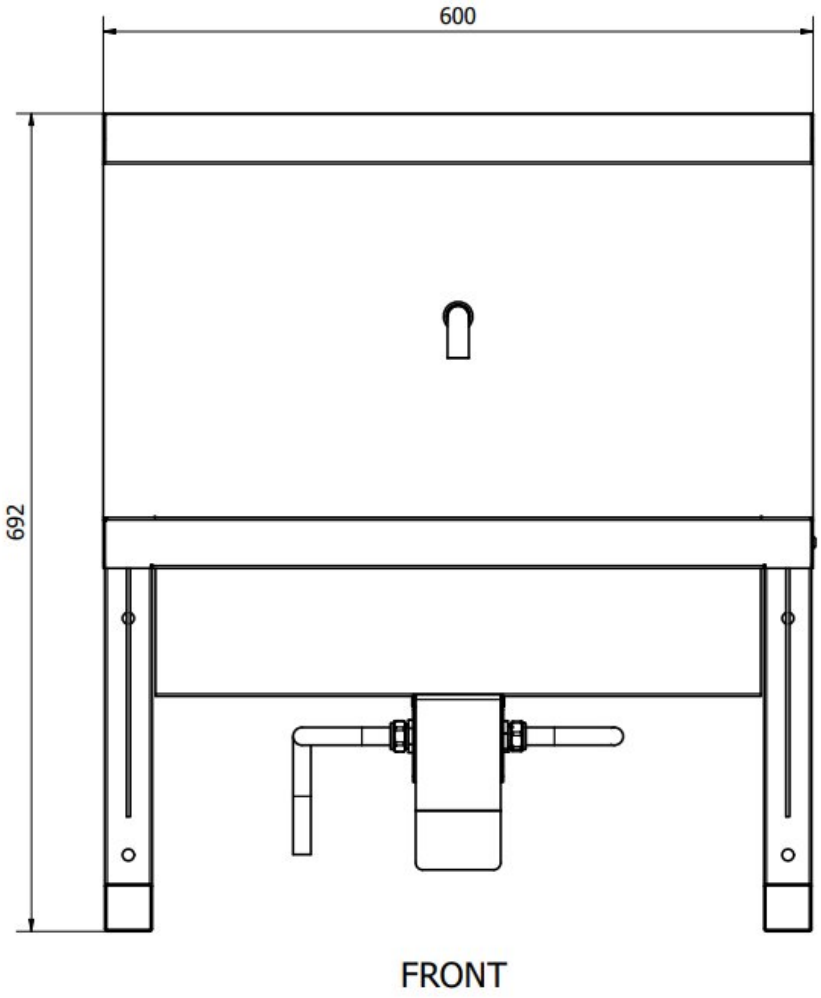
We recommend one Advanced Ø22mm thermostatic mixing valve per single washing station. Select the valve separately when requesting a quotation.

Does knee operation adjust the water temperature?

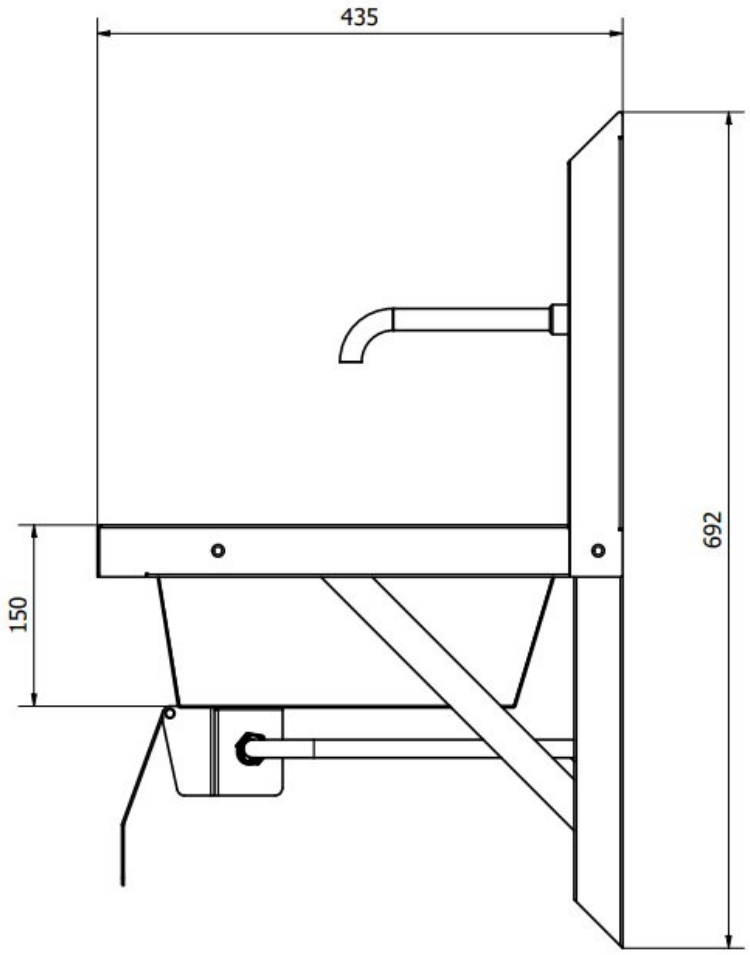
No. Knee operation controls the water flow only. A demand valve flows while pressed; a metered valve supplies a preset flow period after activation, where that option is available. For mixed warm water, a thermostatic mixing valve blends the hot and cold supplies upstream. A site that already supplies suitably pre-tempered water may not need an additional local mixing valve.

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Product drawings and images



FRONT VIEW



RIGHT

RIGHT VIEW

E&OE. Specifications are subject to change without notice.