

GRANULE COMBI® TECHNICAL DATA.

GENERAL.

Design	Hood-type pot washer with support for crockery and cutlery. Pass through model with rotating basket.
Outer dimensions (H x W x D)	2,339 mm (± 25) x 850 mm x 1,002 mm
Loading volume	220 litres (Ø 700 x H 570 mm)
Weight (filled / empty)	416 kg / 317 kg
Wash tank volume	83 litres
Rinse water volume	4 litres (ECO programme) 8 litres (Short / Normal programme) <i>To achieve 3,600 HUE in accordance with NSF/ANSI 3, 8 litres is necessary.</i>
Rinse water volume (Combi mode)	4 litres / programme
Granule volume	8 litres
Wash water temperature	65 °C
Rinse water temperature	85 °C

PROGRAMMES & CAPACITY.

Wash programmes with / without Granules	ECO: 2 min, 20 sec / 2 min, 20 sec Short: 3 min, 30 sec** / 2 min, 50 sec** Normal: 5 min, 30 sec** / 4 min, 50 sec**
Wash programmes (Combi mode)	ECO: 1 min, 30 sec Short: 2 min** Normal: 2 min, 30 sec**
Max. / normal capacity per hour (normal capacity incl. handling)	161 / 126 GN1/1 or similar in other pots.
Capacity per programme	6+1 GN1/1 65 mm or 3 GN1/1 up to 200 mm depth and 3 GN 1/1 up to 65 mm depth or similar in other pots.
Max. /normal capacity Combi mode (500 x 500 mm dishwasher basket)	40 baskets / 33 baskets (All-in-One Edition 32A) 30 baskets / 26 baskets (Dishwashing Support Edition 25A)

WATER CONNECTION.

Hot water	½" (DN15), 55–65 °C, 3–10 °dH <i>Note: Reverse osmosis water and distilled water must not be used.</i> 1–6 bar, 15 litres per minute.
Cold water	½" (DN15), 3–10 °dH 1–6 bar, 15 litres per minute. With optional steam reduction: 3–6 bar.

ELECTRICAL CONNECTION.

Available voltage	3 ~ 400 V/50 Hz + PE (hot water 55–65 °C, 32A) (AIO***) 3 ~ 400 V/50 Hz + PE (hot water 55–65 °C, 25A) (DWS***) 3 ~ 415 V/50 Hz + PE (hot water 55–65 °C, 32A) (AIO***) 3 ~ 415 V/50 Hz + PE (hot water 55–65 °C, 25A) (DWS***) 3 ~ 230 V/50 Hz + PE (hot water 55–65 °C, 40A) (DWS***)
Max output, water connection	12.6 kW (25A) / 17.6 kW (32A)
Wash pump motor	2.6 kW
Wash pump motor (Combi mode)	0.7 kW
Rinse pump motor	0.37 kW
Wash tank element*	9 kW (25A) 14 kW (32A)
Rinse tank element*	9 kW (25A) 14 kW (32A)
Enclosure rating	IPX5

DRAIN & VENTILATION.

Heat load to room with steam reduction (total/sensible/latent)	1.2 kW / 0.4 kW / 0.8 kW
Heat load to room without steam reduction (total/sensible/latent)	1.6 kW / 0.4 kW / 1.2 kW
Drainage pipe	Pipe Ø 32 mm
Drain	Capacity requirement 50 l/min <i>The machine must not be placed directly over a drain.</i>
Detergent and drying agent are required	Detergent and drying agent: 230 VAC signal is available from a separate box. Max. load total 0.5 A.



TABLING.

Granule Combi® is a pass through solution and needs to be installed with infeed and outfeed tabling to function optimally.

Talk to your GRANULDISK sales representative or your preferred Certified GRANULDISK Sales Partner for more information, or follow the advice in the *Tabling Examples* brochure - available as download from www.granuldisk.com/downloads



STEAM REDUCTION.

Ensure a more pleasant working environment for staff and lower the ventilation requirements in the area by adding steam reduction to your solution.

Talk to your GRANULDISK sales representative or preferred Certified GRANULDISK Sales Partner for more information about steam reduction for Granule Combi®.



* Does not operate simultaneously.

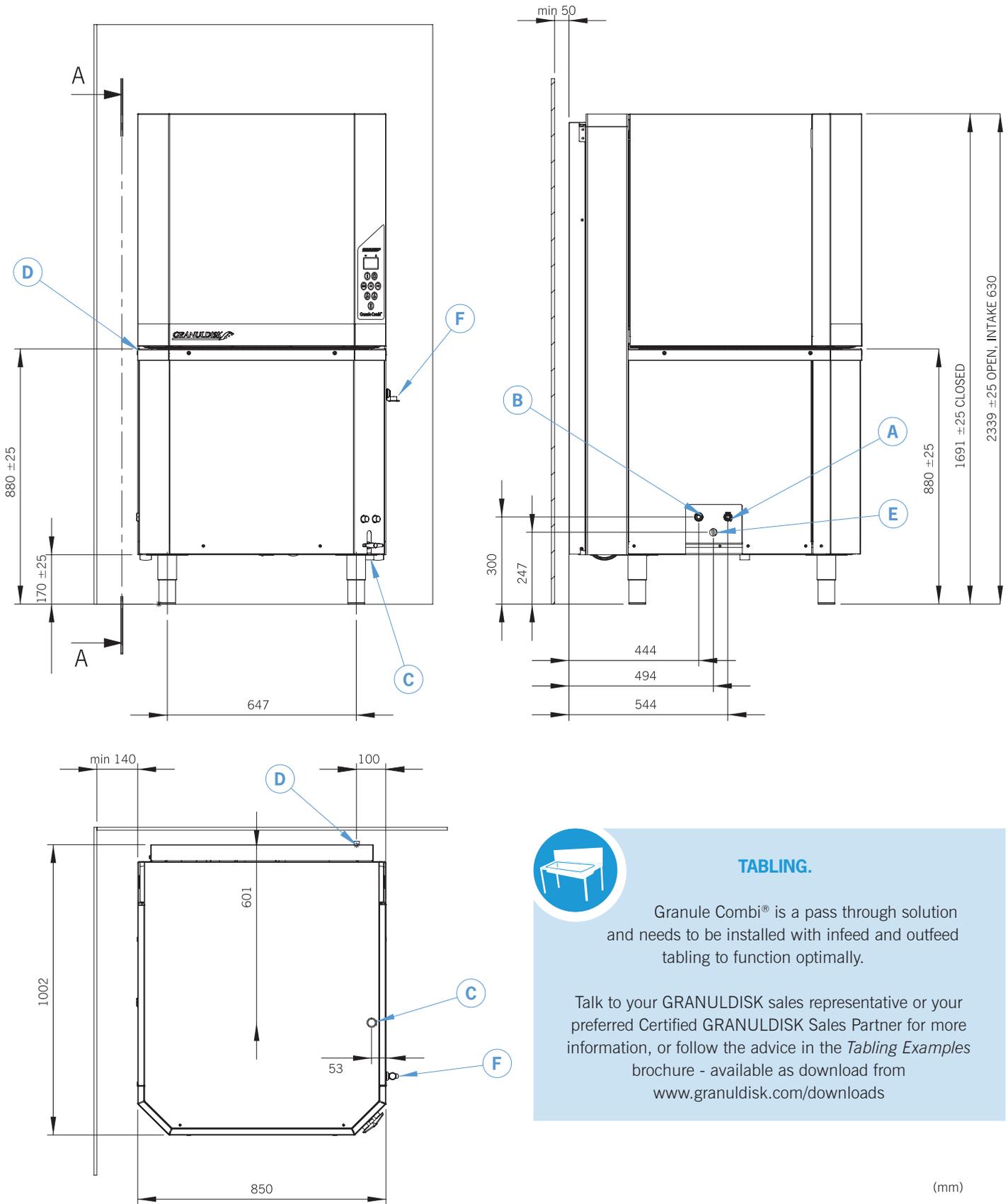
** 30 secs longer with steam reduction.

*** AIO / DWS - Granule Combi® is available as All-in-One Edition (AIO) and Dishwashing Support Edition (DWS) and have different water and electrical requirements. Talk to your GRANULDISK sales representative or preferred Certified GRANULDISK Sales Partner for help and advice.

Granule Combi® is supplied with a 2-metre-long power cable (without plug) for connection to an approved mains switch. The mains switch is not included in the delivery.

GRANULE COMBI® INSTALLATION.

(A) Hot water inlet, 55–65 °C, 3–10 °dH, 5–18 °f. 1–6 bar, 15 L/min, max 6 bar static. G ½" BSP female, flexible hose min inner Ø 9 mm. (B) Cold water inlet, 3–10 °dH, 5–18 °f. 1–6 bar (3–6 if steam reduction), 15 L/min, max 6 bar static. G ½" BSP female, flexible hose min inner Ø 9 mm. (C) Drain (D) Detergent/drying agent connection, signal 230V AC. (E) Electrical connection. (F) USB port.



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