

GRANULE MAXI® TECHNICAL DATA.

GENERAL.

Design	Compact Edition / Flow Edition / FreeFlow Edition
Outer dimensions (H x W x D)	2,039 mm x 1,452 mm x 1,089 mm
Loading volume	450 litres (B 540 x H 1,060 x D 680 mm)
Weight (filled / empty)	666 kg / 485 kg
Wash tank volume	165 litres
Rinse water volume	7 litres (ECO programme) 14 litres (Short / Normal programme) <i>To achieve 3,600 HUE in accordance with NSF/ANSI 3 14 litres is necessary.</i>
Granule volume	16 litres
Wash water temperature	65 °C
Rinse water temperature	85 °C
Sound pressure level	< 70 dB (A)

PROGRAMMES & CAPACITY.

Wash programmes with Granules	ECO: 2 min, 30 sec
	Short: 4 min, 40 sec***
	Normal: 6 min, 40 sec***
Wash programmes without Granules	ECO: 2 min, 30 sec
	Short: 3 min, 40 sec***
	Normal: 5 min, 40 sec***
Max. / normal capacity per hour (normal capacity incl. handling)	192/136 (Compact) / 192/144 (Flow) / 192/160 (FreeFlow)
Capacity per programme	8 GN1/1 or up to 16 GN1/2 or 4 GN2/1, up to 200 mm depth or similar in other pots.

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, 25 litres per minute
Cold water	½" (DN15), < 20 °C, 3–10 °dH 3–6 bar, 15 litres per minute.

ELECTRICAL CONNECTION.

Voltage**	3~ 400 V/50 or 60 Hz + PE / 3~ 415 V/50 Hz + PE / 3~ 230 V/50 or 60 Hz + PE
Fuses (hot water connection)	40A (400V, 415V) / 63A (230V)
Fuses (cold water connection)	50A (400V, 415V)
Fuses, steam heated, 0,3-2,0 bar	20A (400V) / 25A (230V)
Max output, hot water connection	21 kW
Max output, cold water connection	29 kW
Wash pump motor	2 x 2.2 kW
Rinse pump motor	0.37 kW
Wash tank element*	16 kW (24 kW (cold water connection))
Rinse tank element*	16 kW (24 kW cold water connection)
Enclosure rating	IPX5

DRAIN & VENTILATION.

Ventilation with steam reduction	300 m³/h
Ventilation without steam reduction	900 m³/h
Ventilation with EcoExchanger®	150 m³/h
Heat load to room with steam reduction (total/sensible/latent)	2.7 kW / 1.0 kW / 1.7 kW
Heat load to room without steam reduction (total/sensible/latent)	4.9 kW / 1.0 kW / 3.9 kW
Heat load to room with EcoExchanger® (total/sensible/latent)	2.0 kW / 1.0 kW / 1.1 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.



VOLTAGE OPTIONS.

Cannot find your special requirements in the list? All GRANULDISK pot washers are built to order and can often be customised to fit specific voltage and water conditions.

What are your needs?

Talk to your GRANULDISK sales representative or your preferred Certified GRANULDISK Sales Partner for more information about customisations.



MARINE OPTION.

Installing Granule Maxi® in an offshore operation? Ensure steady operation and safe use with the Marine Option:

- double level sensors in the wash tank
- feet that can be bolted to the floor to prevent sliding or tipping
- door stops to prevent doors swinging

Talk to your GRANULDISK sales representative or preferred Certified GRANULDISK Sales Partner about the Marine Option.



STEAM REDUCTION OR ECOEXCHANGER® ?

Granule Maxi® is standard fitted with *steam reduction*, which serves for a more pleasant working environment for staff and lowers the ventilation requirements in the pot wash area.



EcoExchanger® is an optional add-on that cleverly combines steam reduction and heat recovery in one. Improves the working environment and saves up to 33% of the energy needed for heating the wash tank.

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



* Does not operate simultaneously.

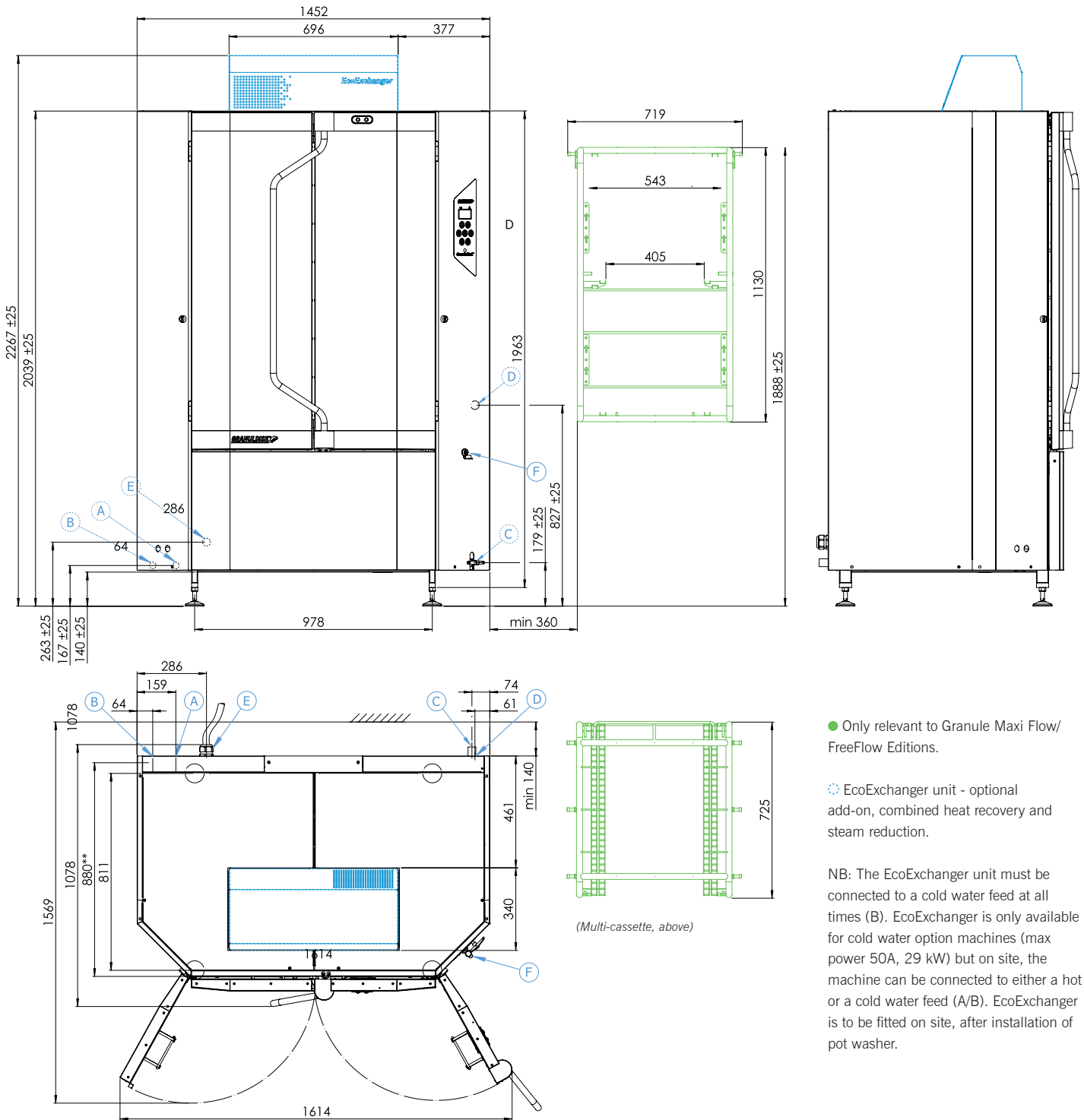
** For all available voltage options, please turn to your sales representative or consult a valid pricelist.

*** 1 minute longer with steam reduction.

Granule Maxi® 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 MAXI® 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, < 20 °C, 3–10 °dH, 5–18 °f. 3–6 bar, 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.



● Only relevant to Granule Maxi Flow/FreeFlow Editions.

○ EcoExchanger unit - optional add-on, combined heat recovery and steam reduction.

NB: The EcoExchanger unit must be connected to a cold water feed at all times (B). EcoExchanger is only available for cold water option machines (max power 50A, 29 kW) but on site, the machine can be connected to either a hot or a cold water feed (A/B). EcoExchanger is to be fitted on site, after installation of pot washer.

(mm)