Z400

Permanent Magnet Variable Frequency Booster Pump

The Z400 is the 0.4 kW stainless booster for whole-house pressure boosting, moving 38 L/min to 35 m through 1-inch ports. Its 9 m suction lift, the joint deepest in the range, reaches low tanks and shallow wells, with a copper impeller and stainless body on a ceramic shaft and bearing. A 3 L/min minimum inlet flow keeps it stable on small draws.

Energy: Energy saving of 60% or more against a same-power conventional fixed-speed pump at the same flow/head duty point under constant-pressure conditions.

Key features

- 0.4 kW, up to 38 L/min and 35 m of head
- 9 m maximum suction lift for tank and shallow well supply
- Stainless steel precision-cast pump body with ceramic shaft and bearings
- Noise standard ≤ 55 dB
- Minimum inlet flow of only 3 L/min

Technical data

Model	Power (kW)	Power (HP)	Current (A)	Qmax (L/min)	Hmax (m)	Suct. max (m)
Z400	0.4	0.55	2.7	38	35	9
Z600	0.55	0.75	4	50	40	9

Working conditions

Pumped liquid	Clean, thin, non-solidifying, non-flammable and non-explosive liquid
Solids	No solid particles or fibres (smaller than 0.2 mm)
Liquid temperature	5–70 °C, pH 6.5–8.5
Ambient temperature	0–40 °C, RH max. 85%
Max. working pressure	10 bar
Minimum inlet flow	3 L/min
Noise	≤ 55 dB

Installation

Model	Inlet	Outlet	a	b	c	d	e	f	g	h	Gross weight
Z400	1"	1"	175	50	131	99	63	7	88	179	5.3 kg
Z600	1"	1"	175	50	131	99	63	7	88	179	5.3 kg

Packing

Packing	Carton with Plywood Tray
Carton size	21.5 × 16.3 × 21 cm
Gross weight	5.3 kg

The specification confirmed for an order is the one stated in the order confirmation.

Applications

- Whole-House Boosting
- Rooftop Tank & Water Tower Boosting
- Garden Irrigation

Fujian Calliope Pumps Co., Ltd. — For quotations, OEM/ODM projects and distributor applications, contact the export team at cason@calliopepump.com or via WhatsApp +86 178 0591 6566. See the full model page at www.calliopepump.com/products/z400.

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