

# GENYO SYSTEM Series

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Small built-in pressure boosters, fully automatic. These units consist of a single phase pump together with Genyo device suitable for residential water systems. The units are fully assembled and ready to be connected to the building's water system.

All models use one of the three executions ( F12, F15 or F22) of GENYO 8A device, depending from the every single hydraulic performance and the requirement specified from the electronic device:

**GENYO 8A/F12 F12:** 8A max Input current  
- 1.2 bar starting pressure

**GENYO 8A/F15 F15:** 8A max Input current  
- 1.5 bar starting pressure

**GENYO 8A/F22 F22:** 8A max Input current  
- 2.2 bar starting pressure

Choice of units with peripheral (P), self-priming (BG), twin-impeller (CA) and horizontal multistage (HM-HMS) pumps.

## Specifications

Delivery: up to 120 l/min (7,2 m<sup>3</sup>/h)

Head: up to 53 metres (5,1 bar)

Power supply: single-phase 50 and 60 Hz

Motor starting: D.O.L.

Power: up to 1.1 kW.

Water temperature: 0°C to +40°C

## Materials

Pump: Stainless steel and cast iron

## Applications

Pressure boosting in water systems for domestic use, lawn sprinkling and washing



For a complete list of technical information, consult [www.lowara.com](http://www.lowara.com)

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## Technical specifications

Type	Rated power		Voltage V	Input Current A	Set up bar	Flow Q [l/min]	Head H [m]	Weight Kg
	kW	HP						
GENYO PM16/F15	0,30	0,40	1 x 220-240	2,2	1,5	10 ÷ 37	33,0 ÷ 5,0	9,6
GENYO 2HM3/F12	0,30	0,40	1 x 220-240	2,34	1,2	20 ÷ 70	21,4 ÷ 9,4	8,0
GENYO 2HM4/F15	0,45	0,60	1 x 220-240	2,92	1,5	20 ÷ 70	32 ÷ 14,5	8,9
GENYO 2HM5/F22	0,55	0,75	1 x 220-240	3,72	2,2	20 ÷ 70	42,1 ÷ 19,6	9,7
GENYO 2HM7/F22	0,75	1,00	1 x 220-240	5,09	2,2	20 ÷ 70	53,2 ÷ 25,8	13,2
GENYO 4HM5/F15	0,55	0,75	1 x 220-240	3,76	1,5	40 ÷ 120	28,9 ÷ 12,1	9,3
GENYO 4HM7/F22	0,75	1,00	1 x 220-240	5,74	2,2	40 ÷ 120	40,2 ÷ 17,7	12,8
GENYO 4HM9/F22	0,90	1,20	1 x 220-240	6,49	2,2	40 ÷ 120	51,2 ÷ 23,6	12,6
GENYO 2HMS4/F15	0,45	0,60	1 x 220-240	3,28	1,5	20 ÷ 70	35,6 ÷ 14,4	9,2
GENYO 2HMS7/F22	0,75	1,00	1 x 220-240	4,61	2,2	20 ÷ 70	45,6 ÷ 18,2	13,2
GENYO 4HMS5/F15	0,55	0,75	1 x 220-240	3,54	1,5	40 ÷ 120	30,6 ÷ 12,7	9,9
GENYO 4HMS7/F22	0,75	1,00	1 x 220-240	5,08	2,2	40 ÷ 120	38,9 ÷ 16,7	11,2
GENYO BGM5/F22	0,55	0,75	1 x 220-240	4,33	2,2	10 ÷ 60	35,7 ÷ 18,8	13,1
GENYO BGM7/F22	0,75	1,00	1 x 220-240	5	2,2	20 ÷ 60	38,1 ÷ 25,6	14,1
GENYO BGM9/F22	0,90	1,20	1 x 220-240	5,54	2,2	20 ÷ 65	41,1 ÷ 28,6	14,1
GENYO BGM11/F22	1,10	1,50	1 x 220-240	6,47	2,2	20 ÷ 70	45,8 ÷ 30,3	17,1
GENYO CAM70/33/F22	0,75	1,00	1 x 220-240	5,16	2,2	30 ÷ 80	38,8 ÷ 23,9	16,1
GENYO CAM70/34/F22	0,90	1,20	1 x 220-240	6,22	2,2	30 ÷ 80	45,1 ÷ 29,5	16,9

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