

# AGA - AGC



## Self priming "JET" pumps in cast iron

Self priming "JET" pumps in cast iron suitable for domestic pressure boosting, small-scale garden irrigation, car washing and clean water pumping in general.



Practical and easy to use



Lightweight and easily transportable



Available with brass impeller

## Materials

<b>Pump body</b>	Cast iron
<b>Impeller</b>	PPE+PS reinforced with fibreglass for AGA 0.60-0.75-1.00, brass for the rest of the range
<b>Shaft</b>	AISI 303 stainless steel (part in contact with the liquid)
<b>Mechanical seal</b>	Ceramic/Carbon/NBR (standard)
<b>Motor support</b>	Aluminium for AGA 0.60-0.75-1.00, Cast iron for the rest of the range

## Technical data

**Max. working pressure** 6 bar for AGA 0.60-0.75-1.00  
10 bar for the rest of the range

**Max. temperature of the liquid** 45°C

**Max. suction depth** 8 m

**Poles** 2

**Insulation class** F

**Protection degree** IP44

**Voltage** Single phase 230V ±10%  
Three phase 230/400V ±10%

## Accessories



### Tanks

Page 384 - 8/10 bar 5/10 litres tanks



### Floats

Page 379 - Key floats with counterweight



### Pressure switches

Page 379 - 1,3÷12 bar pressure switches



### Control panels and Control systems

Page 366 - **Presscomfort**

Pressure regulator

Page 364 - **E-power**

Variable speed control systems

Page 362 - **E-drive**

Variable speed control systems

Page 367 - **Control panels**

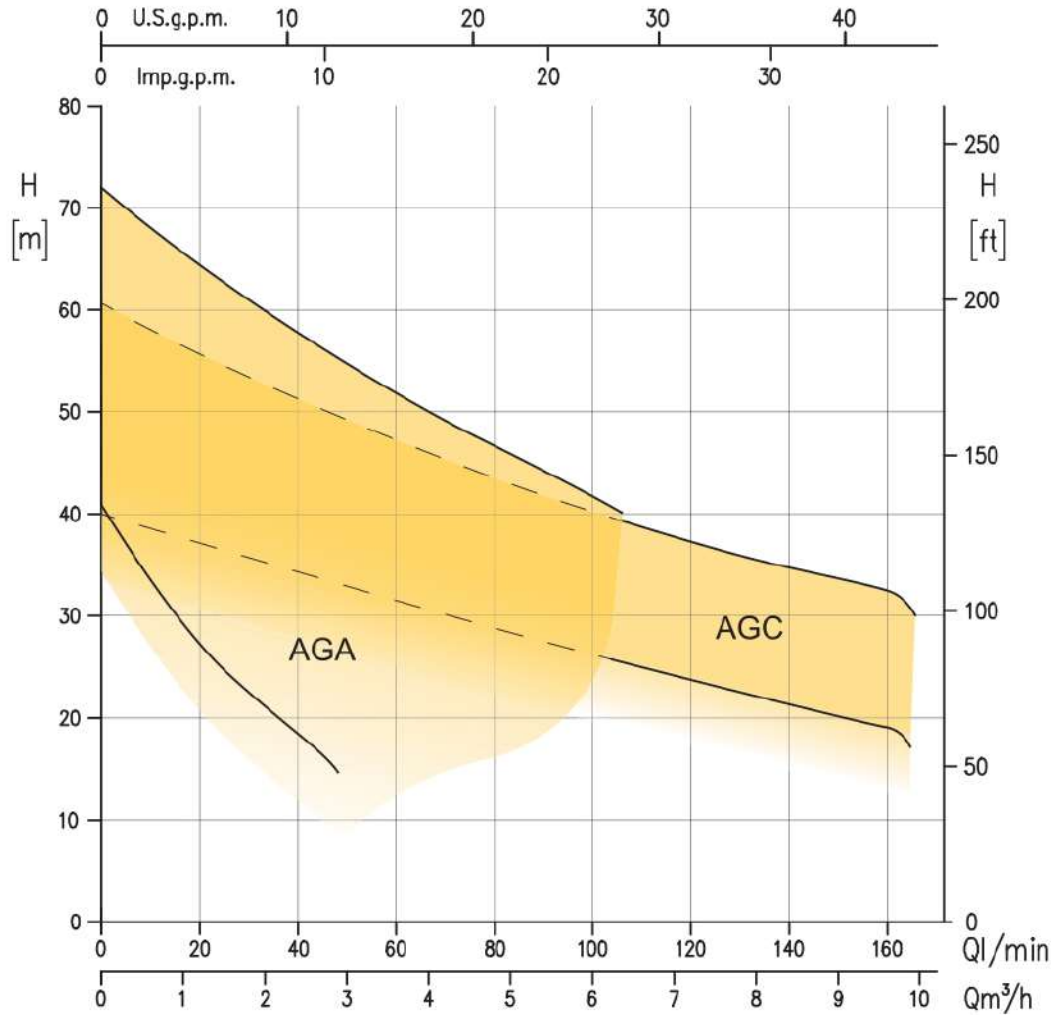
1EP-E - QA50/B - QA60/C - SMART

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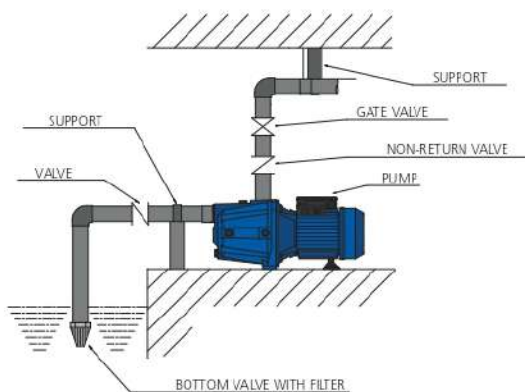
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## Installation



AGA - AGC self priming pumps are practical and easy to use, and allow a simple installation thanks to their reduced weight. Installed and well fixed in a flat surface can provide an aspiration up to 8 m. A bottom valve plus filter allow a reliable work. Versatility and reduced dimension also ensure a fast and basic maintenance.

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Single phase 230V											2 Poles					
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A] 230V	DNA	DNM	Weight [kg]	
				l/min	10	20	30	50	80	100	130					160
				m <sup>3</sup> /h	0,6	1,2	1,8	3	4,8	6	7,8					9,6
H=Total head [m]																
AGA/A 0.60 M	1100060000A	0,6	0,44	33,4	27,1	22	-	-	-	-	-	-	3,1	G1	G1	12,0
AGA/A 0.60 M GO	1100060100A	0,6	0,44	33,4	27,1	22	-	-	-	-	-	-	3,1	G1	G1	12,0
AGA 0.75 M	1100090000	0,75	0,55	42,8	37,9	32	18	-	-	-	-	-	4	G1	G1	12,5
AGA 0.75 M GO	1100090100	0,75	0,55	42,8	37,9	32	18	-	-	-	-	-	4	G1	G1	12,5
AGA 1.00 M	1100100000	1	0,75	45	40,3	35,7	27	-	-	-	-	-	5,5	G1	G1	13,8
AGA 1.00 M GO	1100100100	1	0,75	45	40,3	35,7	27	-	-	-	-	-	5,5	G1	G1	13,8
AGA/B 1.50 M	1110150000B	1,5	1,1	48	45,1	42,4	37,4	30,8	27	-	-	-	8,1	G1½	G1	25,5
AGA/A 2.00 M	1110200000A	2	1,5	59	55,6	52,2	45,7	36,4	30,5	-	-	-	9,8	G1½	G1	26,6
AGC/B 1.50 M	1120150000B	1,5	1,1	38,5	45,1	35,6	32,7	28,7	26,1	22,4	19	-	8,6	G1½	G1	25,5
AGC/A 2.00 M	1120200000A	2	1,5	51	55,6	48,8	46,3	42	38,7	33,2	27	-	10,5	G1½	G1	26,6

GO= Version with brass impeller

Three phase 230/400V											2 Poles						
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]		DNA	DNM	Weight [kg]	
				l/min	10	20	30	50	80	100	160	230V	400V				
				m <sup>3</sup> /h	0,6	1,2	1,8	3	4,8	6	9,6						
H=Total head [m]																	
AGA/A 0.60 T	1100060004A	0,6	0,44	33,4	27,1	22	-	-	-	-	-	-	2,1	1,2	G1	G1	12,0
AGA 0.75 T	1100090004	0,75	0,55	42,8	37,9	32	18	-	-	-	-	-	2,8	1,6	G1	G1	12,3
AGA/I 1.00 T	1100100004I	1	0,75	45	40,3	35,7	27	-	-	-	-	-	3,0	1,7	G1	G1	14,8
AGA/I 1.00 T GO	1100100104I	1	0,75	45	40,3	35,7	27	-	-	-	-	-	5,8	3,3	G1	G1	14,8
AGA/I 1.50 T	1110150004I	1,5	1,1	48	45,1	42,4	37,4	30,8	27	-	-	-	5,8	3,3	G1½	G1	26,5
AGA/I 2.00 T	1110200004I	2	1,5	59	55,6	52,2	45,7	36,4	30,5	-	-	-	6,2	3,6	G1½	G1	28,6
AGA/I 3.00 T	1110300004I	3	2,2	68	64,3	60,8	54,4	46,4	42	-	-	-	8,2	4,7	G1½	G1	29,9
AGC/I 1.50 T	1120150004I	1,5	1,1	38,5	37,0	35,6	32,7	28,7	26,1	19	-	-	5,8	3,3	G1½	G1	28,3
AGC/I 2.00 T	1120200004I	2	1,5	51	49,9	48,8	46,3	42	38,7	27	-	-	7,6	4,4	G1½	G1	29,5
AGC/I 3.00 T	1120300004I	3	2,2	58	55,6	53,3	49,1	43,4	40,2	32,5	-	-	8,2	4,7	G1½	G1	29,9

GO= Version with brass impeller