

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

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

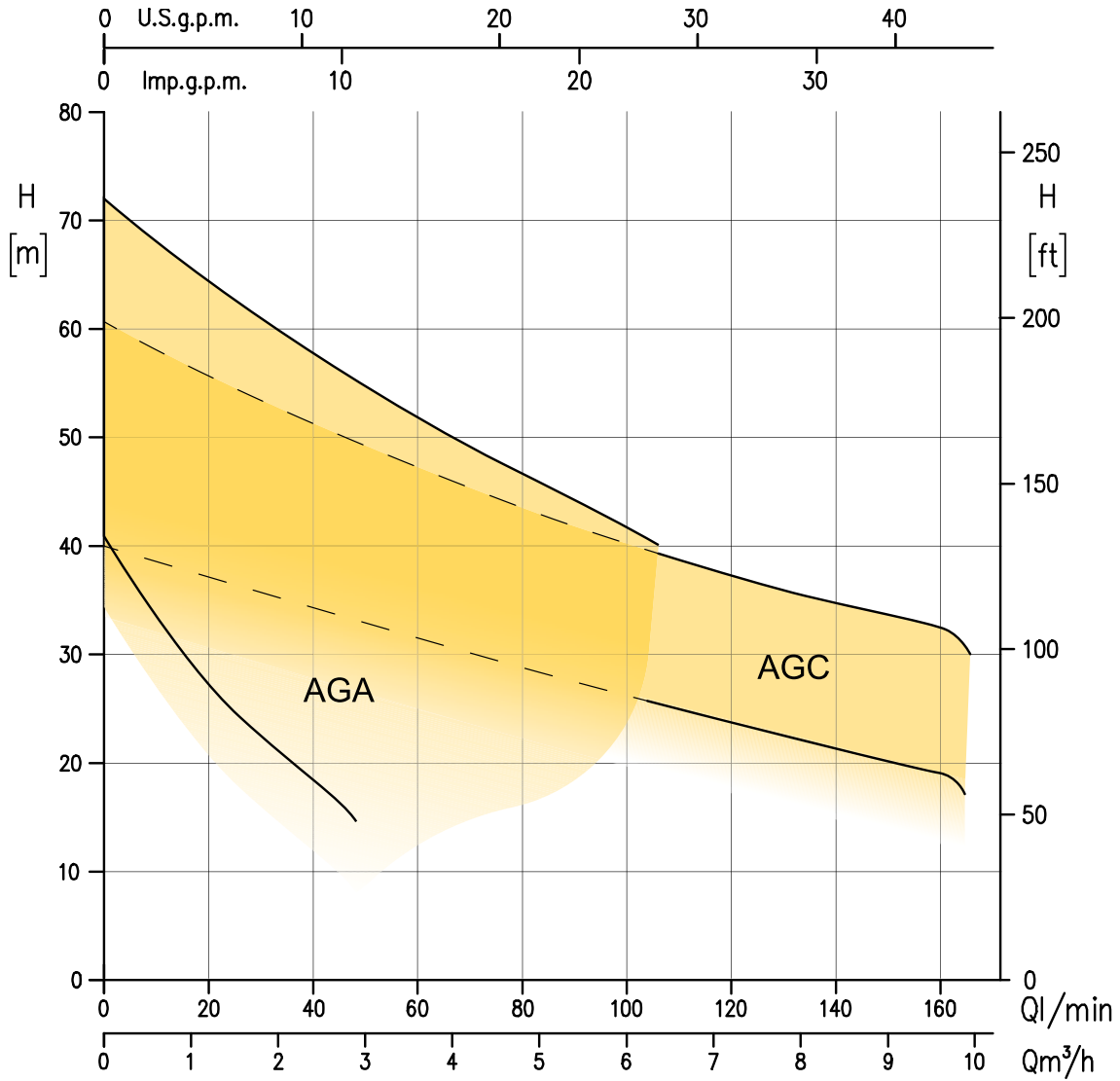
1EP-E - QA50/B - QA60/C - SMART

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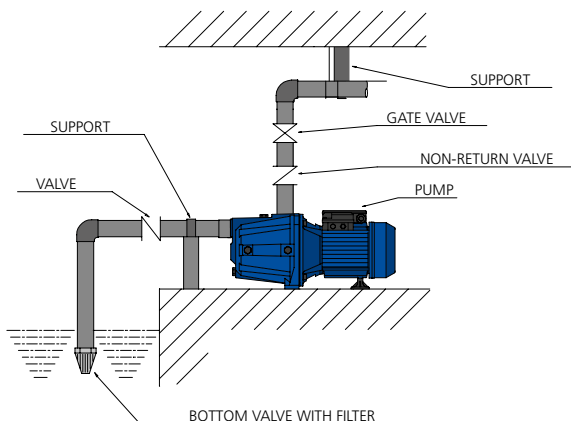
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Installation



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 ³ /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 ³ /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