

# ACTIVE SYSTEM

## ACTIVE J - ACTIVE JI - ACTIVE JC ACTIVE E - ACTIVE EI - ACTIVE EC



Automatic lifting units, particularly suitable for domestic use, small systems for civil, agricultural and industrial use, washing systems and hobby applications.

They are characterised by the use of:

- self-priming motor-driven pumps JET, JETINOX, JETCOM, EUROINOX that can even work when there are bubbles of air or gas. They are essential for drawing from artesian wells or wherever suction difficulties arise.

The EURO - EUROCOM multistage centrifugal pumps are particularly appropriate for low-noise underwater operation.

The **ACTIVE** system helps increase pressure in systems where it is insufficient or irregular.

The **ACTIVE** system is a built-in, easy-to-install, and ready-to-use device which:

- controls it
- commands it automatically
- controls its operation
- limits starts
- guarantees pressure stability inside the hydraulic circuit.
- electronically controls starting pressure.

### FUNCTIONING

The **ACTIVE** system is a dual-control device featuring an electronic circuit which picks up and processes water pressure and flow data, thereby allowing the pump to work in constantly ideal conditions.

Even with a minimum water draw by a user, it starts the pump after system pressure has dropped to the set value, adjustable by the user (1.5 to 2.5 bar).

In the event of system leaks, dripping, overflows or small water draws, the **ACTIVE** system limits the number of pump starts.

**Hammering is eliminated:** when water is no longer being taken the motor-driven pump is stopped (delayed) when the flow rate is nil.

If no water is being sucked up the **ACTIVE** system will **trigger stopping the pump from running dry.**

On returned normal functioning conditions, **ACTIVE** automatically restores operation.

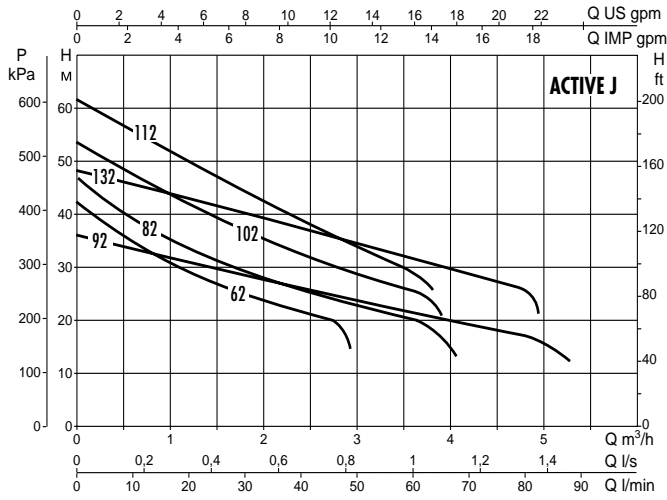
**The ACTIVE system requires no adjustment or maintenance.**

## ELECTRICAL DATA

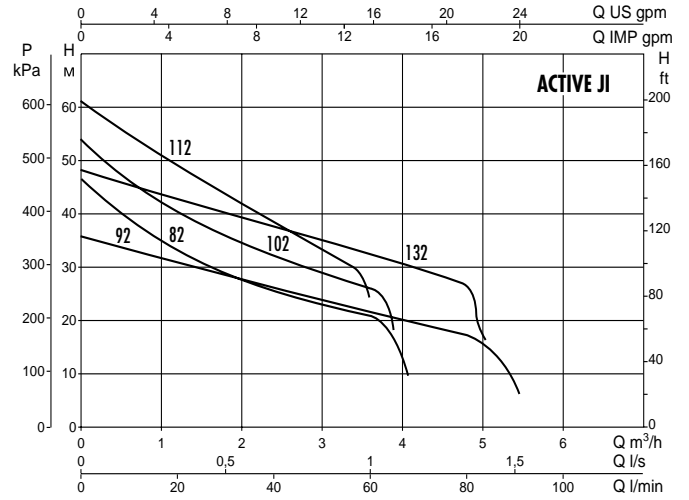
MODEL	ELECTRICAL DATA						HYDRAULIC DATA																		
	VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR µF Vc	Q																		
			KW	HP			0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	6	7.2								
<b>ACTIVE J 62 M</b>	1x220-240 V ~	0,720	0,44	0,6	3,12	12,5	450	H (m)	42,7	35	29,2	25,6	22,9	13											
<b>ACTIVE J 82 M</b>	1x220-240 V ~	0,850	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20,3										
<b>ACTIVE J 102 M</b>	1x220-240 V ~	1,130	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8										
<b>ACTIVE J 112 M</b>	1x220-240 V ~	1,400	1	1,36	6,2	25	450		61	54	47,8	42,8	38,8	34,8	22										
<b>ACTIVE J 92 M</b>	1x220-240 V ~	0,940	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5								
<b>ACTIVE J 132 M</b>	1x220-240 V ~	1,490	1	1,36	6,6	25	450	48,3	45,6	42,8	40	37,6	35	32,5	30	27,2									
<b>ACTIVE JI 82 M</b>	1x220-240 V ~	0,850	0,6	0,8	3,8	12,5	450	H (m)	47	40	34	30	26,2	23,5	20,3										
<b>ACTIVE JI 102 M</b>	1x220-240 V ~	1,130	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8										
<b>ACTIVE JI 112 M</b>	1x220-240 V ~	1,400	1	1,36	6,2	25	450		61	54	47,8	42,8	38,8	34,8	22										
<b>ACTIVE JI 92 M</b>	1x220-240 V ~	0,940	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5								
<b>ACTIVE JI 132 M</b>	1x220-240 V ~	1,490	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2								
<b>ACTIVE JC 62 M</b>	1x220-240 V ~	0,720	0,44	0,6	3,12	12,5	450	H (m)	42,7	35	29,2	25,6	22,9	13											
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<b>ACTIVE E 25/30 M</b>	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450	H (m)	34,4	31,7	28,3	23,5	17,5	11											
<b>ACTIVE E 30/30 M</b>	1x220-240 V ~	0,720	0,45	0,6	3,2	10	450		46	42,2	37,8	31,2	23,3	14,3											
<b>ACTIVE E 40/30 M</b>	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450		57	52,7	47	38,8	29	17,7											
<b>ACTIVE E 30/50 M</b>	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450		42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14								
<b>ACTIVE E 40/50 M</b>	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450		57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2								
<b>ACTIVE E 50/50 M</b>	1x220-240 V ~	1,480	1	1,36	6,3	25	450	72	68,5	65,5	62,1	58,2	52,2	43,6	34,5	26									
<b>ACTIVE E 25/80 M</b>	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450	H (m)	34		33	32	30,5	28,5	26	23,5	21	14,5	6,5						
<b>ACTIVE E 30/80 M</b>	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450		47		46,5	45	43,5	41	38	34,5	31	23	12						
<b>ACTIVE E 40/80 M</b>	1x220-240 V ~	1,480	1	1,36	6,3	25	450		59		57	56	54	51	47	43,5	39	29,5	16,5						
<b>ACTIVE EI 25/30 M</b>	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450		34,4	31,7	28,3	23,5	17,5	11											
<b>ACTIVE EI 30/30 M</b>	1x220-240 V ~	0,720	0,45	0,6	3,2	10	450		46	42,2	37,8	31,2	23,3	14,3											
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<b>ACTIVE EI 30/80 M</b>	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450		47		46,5	45	43,5	41	38	34,5	31	23	12						
<b>ACTIVE EI 40/80 M</b>	1x220-240 V ~	1,480	1	1,36	6,3	25	450		59		57	56	54	51	47	43,5	39	29,5	16,5						
<b>ACTIVE EC 25/30 M</b>	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450		34,4	31,7	28,3	23,5	17,5	11											
<b>ACTIVE EC 30/30 M</b>	1x220-240 V ~	0,720	0,45	0,6	3,2	10	450		46	42,2	37,8	31,2	23,3	14,3											
<b>ACTIVE EC 30/50 M</b>	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450	42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14									
<b>ACTIVE EC 40/50 M</b>	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450	57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2									
<b>ACTIVE EC 25/80 M</b>	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450	H (m)	34		33	32	30,5	28,5	26	23,5	21	14,5	6,5						
<b>ACTIVE EC 30/80 M</b>	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450		47		46,5	45	43,5	41	38	34,5	31	23	12						

## HYDRAULIC DATA

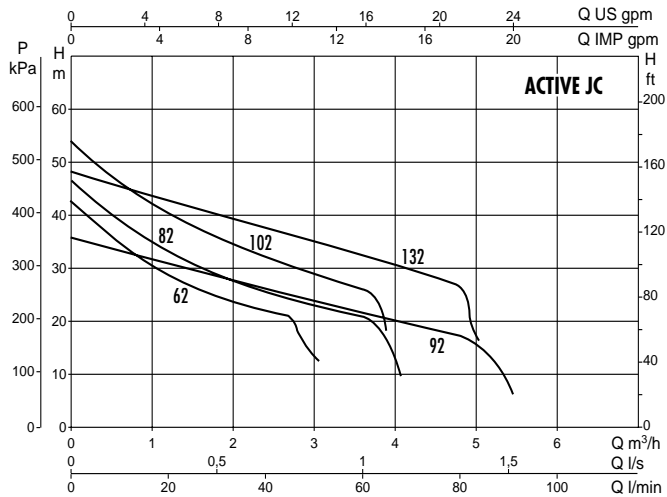
### ACTIVE J



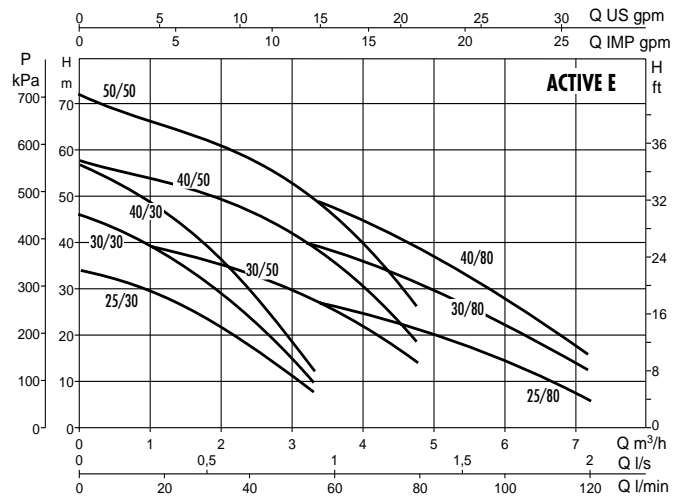
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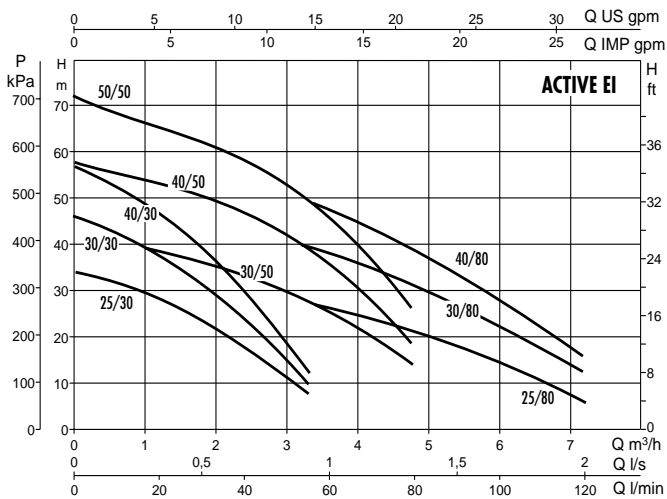
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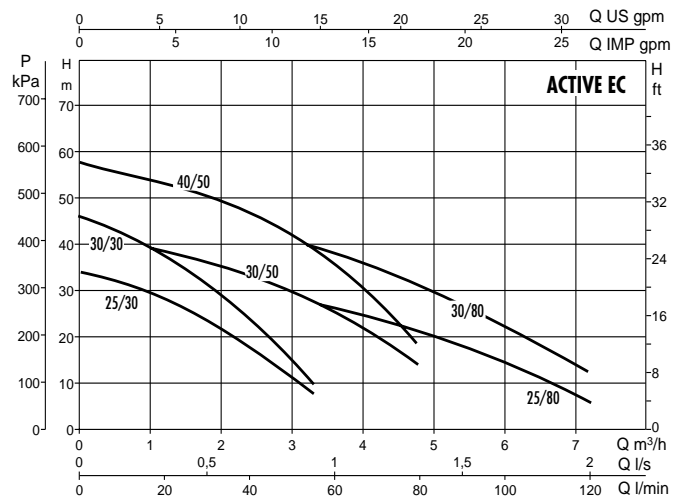
### ACTIVE E



### ACTIVE EI

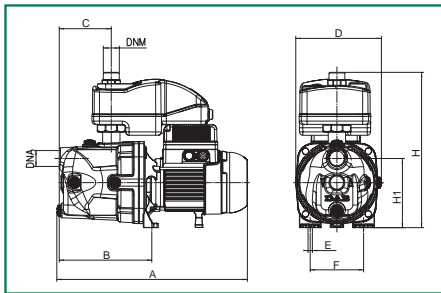


### ACTIVE EC

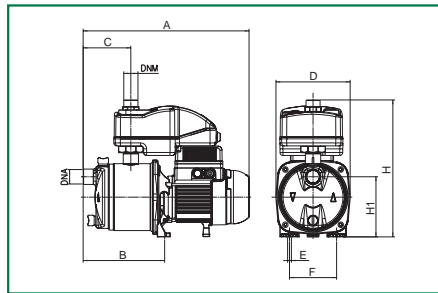


## DIMENSIONS AND WEIGHTS

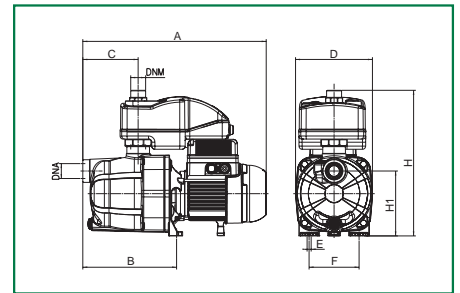
### ACTIVE J



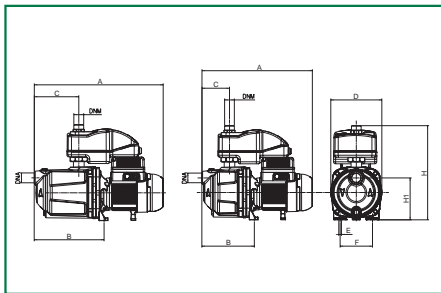
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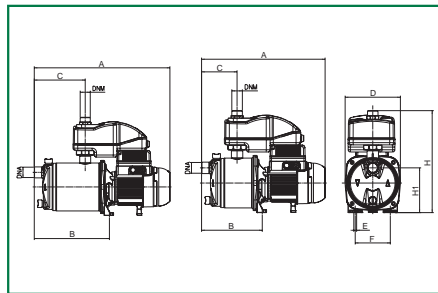
### ACTIVE JC



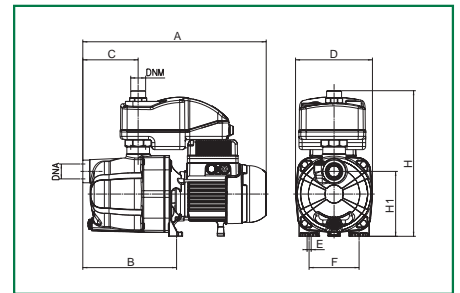
### ACTIVE E



### ACTIVE EI



### ACTIVE EC



MODEL	A	B	C	D	E	F	H	H1	DNA	DNM	WEIGHT Kg
ACTIVE J 62 M	395	192	108	178	9	111	322	144	1" G	1" G	10,50
ACTIVE J 82 M	395	192	108	178	9	111	322	144	1" G	1" G	13,2
ACTIVE J 102 M	395	192	108	178	9	111	322	144	1" G	1" G	12,50
ACTIVE J 112 M	395	192	108	178	9	111	322	144	1" G	1" G	13,50
ACTIVE J 92 M	395	192	108	178	9	111	322	144	1" G	1" G	11,70
ACTIVE J 132 M	395	192	108	178	9	111	322	144	1" G	1" G	13,50
ACTIVE JI 82 M	390	192	112	174	9	111	322	141	1" G	1" G	10,70
ACTIVE JI 102 M	390	192	112	174	9	111	322	141	1" G	1" G	12,50
ACTIVE JI 112 M	390	192	112	174	9	111	322	141	1" G	1" G	13,50
ACTIVE JI 92 M	390	192	112	174	9	111	322	141	1" G	1" G	11,70
ACTIVE JI 132 M	390	192	112	174	9	111	322	141	1" G	1" G	13,50
ACTIVE JC 62 M	406	208	122	170	9	111	322	144	1" G	1" G	10,50
ACTIVE JC 82 M	406	208	122	170	9	111	322	144	1" G	1" G	10,70
ACTIVE JC 102 M	406	208	122	170	9	111	322	144	1" G	1" G	12,50
ACTIVE JC 92 M	406	208	122	170	9	111	322	144	1" G	1" G	11,70
ACTIVE JC 132 M	406	208	122	170	9	111	322	144	1" G	1" G	13,50
ACTIVE E 25/30 M	377	180	94	175	9	111	322	144	1" G	1" G	10,90
ACTIVE E 30/30 M	432	235	149	175	9	111	322	144	1" G	1" G	12,90
ACTIVE E 40/30 M	432	235	149	175	9	111	322	144	1" G	1" G	13,00
ACTIVE E 30/50 M	377	180	94	175	9	111	322	144	1" G	1" G	11,70
ACTIVE E 40/50 M	432	235	149	175	9	111	322	144	1" G	1" G	15,60
ACTIVE E 50/50 M	432	235	149	175	9	111	322	144	1" G	1" G	16,20
ACTIVE E 25/80 M	377	180	94	175	9	111	322	144	1" G	1" G	11,80
ACTIVE E 30/80 M	432	235	149	175	9	111	322	144	1" G	1" G	15,60
ACTIVE E 40/80 M	432	235	149	175	9	111	322	144	1" G	1" G	16,20
ACTIVE EI 25/30 M	390	192	112	174	9	111	322	141	1" G	1" G	10,90
ACTIVE EI 30/30 M	445	247	167	174	9	111	322	141	1" G	1" G	13,50
ACTIVE EI 40/30 M	445	247	167	174	9	111	322	141	1" G	1" G	14,00
ACTIVE EI 30/50 M	390	192	112	174	9	111	322	141	1" G	1" G	10,00
ACTIVE EI 40/50 M	445	247	167	174	9	111	322	141	1" G	1" G	15,50
ACTIVE EI 50/50 M	445	247	167	174	9	111	322	141	1" G	1" G	16,00
ACTIVE EI 25/80 M	390	192	112	174	9	111	322	141	1" G	1" G	9,50
ACTIVE EI 30/80 M	445	247	167	174	9	111	322	141	1" G	1" G	15,50
ACTIVE EI 40/80 M	445	247	167	174	9	111	322	141	1" G	1" G	16,00
ACTIVE EC 25/30 M	406	208	122	170	9	111	322	144	1" G	1" G	8,50
ACTIVE EC 30/30 M	406	208	122	170	9	111	322	144	1" G	1" G	9,00
ACTIVE EC 30/50 M	406	208	122	170	9	111	322	144	1" G	1" G	9,50
ACTIVE EC 40/50 M	406	208	122	170	9	111	322	144	1" G	1" G	11,00
ACTIVE EC 25/80 M	406	208	122	170	9	111	322	144	1" G	1" G	11,00
ACTIVE EC 30/80 M	406	208	122	170	9	111	322	144	1" G	1" G	11,00