

ACTIVE SYSTEM

Performances become easy



ACTIVE J



ACTIVE JI



ACTIVE JC



ACTIVE E



ACTIVE EI



ACTIVE EC



PUMP PERFORMANCE

GENERAL DATA

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
- re-starts automatically the system in case of anomalies

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.

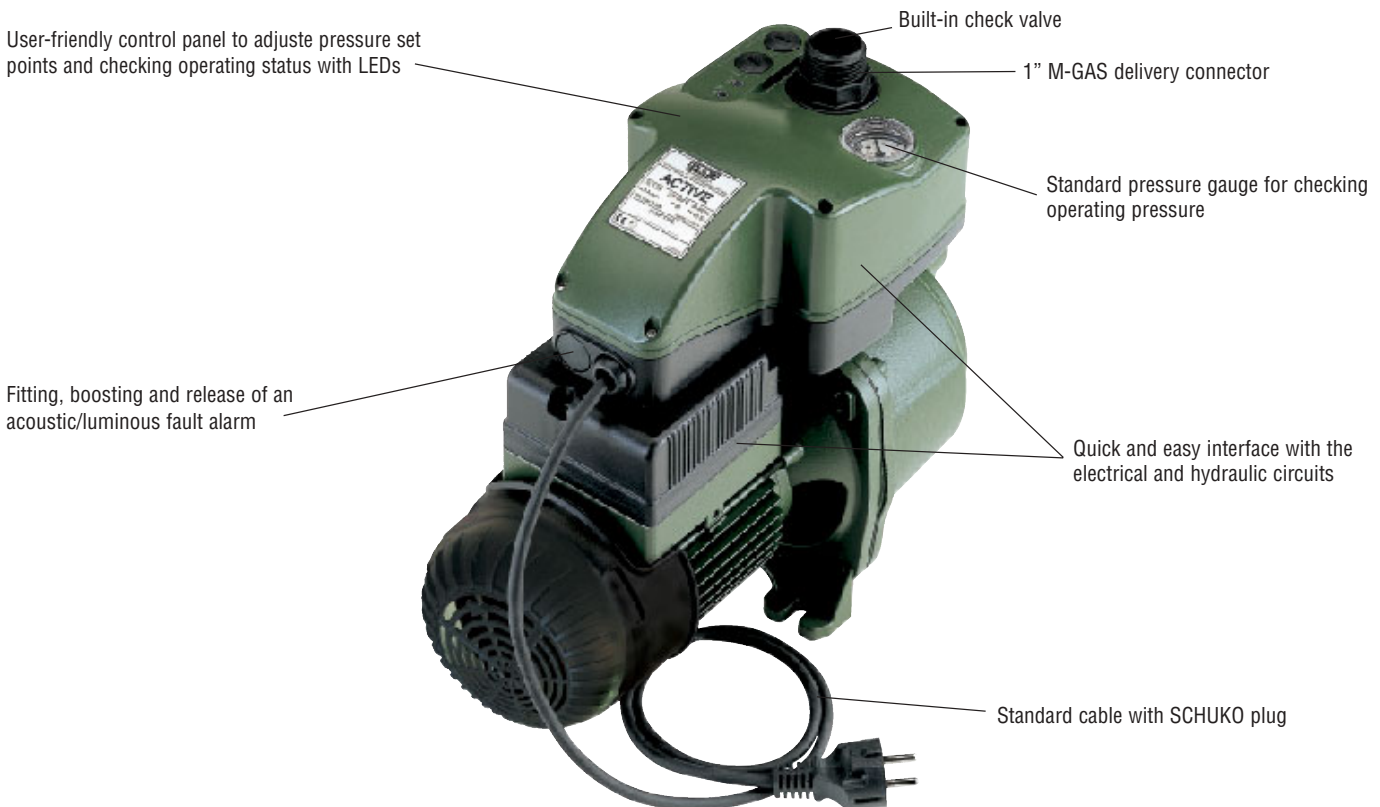
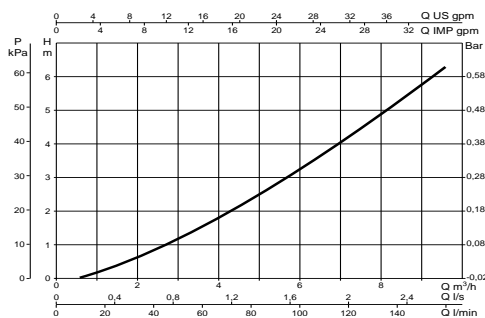
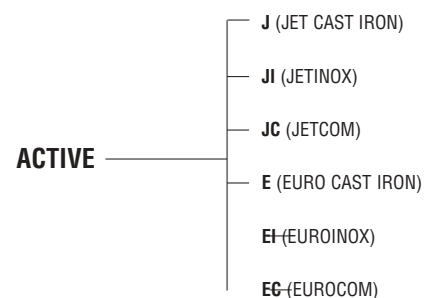


DIAGRAM OF PRESSURE LOSSES



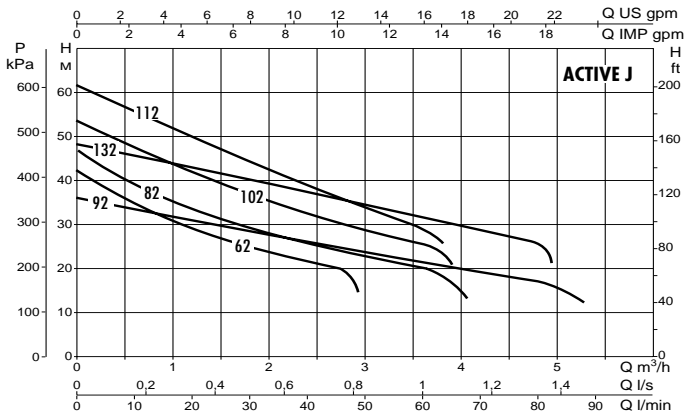
DENOMINATION INDEX



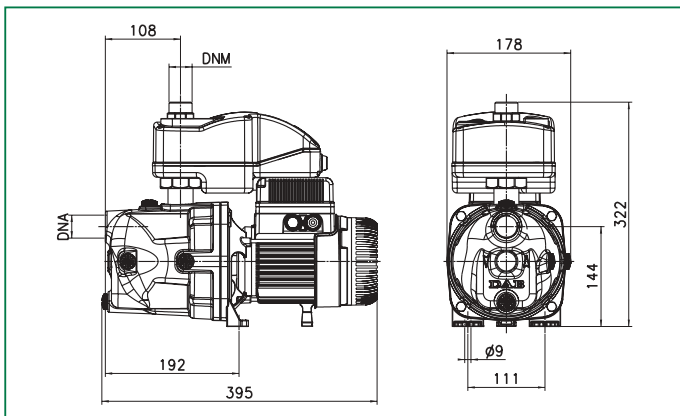
ACTIVE J



- Automatic self-priming centrifugal pump
- Pump body in cast iron
- Liquid temperature: from -10°C to +35°C for domestic use
from -10°C to +40°C for other use
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 8 bar (800 kPa)
- Protection level: IP44 (IP55 on the terminal board)
- Insulation class: F



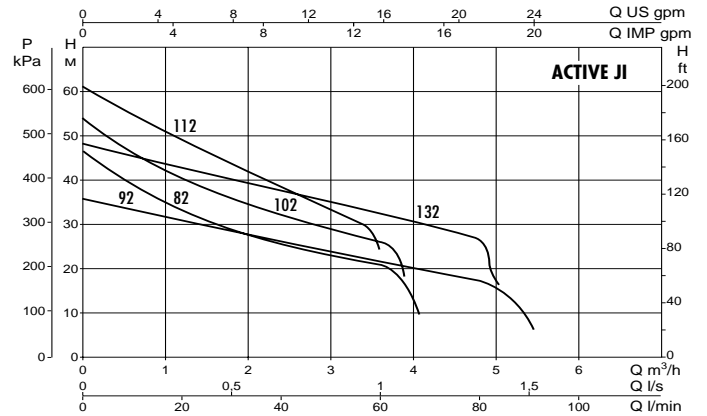
MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		I _n A	CAPACITOR	
			kW	HP		μF	V _c
ACTIVE J 62 M	1x220-240 V ~	0,720	0,44	0,6	3,12	12,5	450
ACTIVE J 82 M	1x220-240 V ~	0,850	0,6	0,8	3,8	12,5	450
ACTIVE J 102 M	1x220-240 V ~	1,130	0,75	1	5,1	16	450
ACTIVE J 112 M	1x220-240 V ~	1,400	1	1,36	6,2	25	450
ACTIVE J 92 M	1x220-240 V ~	0,940	0,75	1	4,2	14	450
ACTIVE J 132 M	1x220-240 V ~	1,490	1	1,36	6,6	25	450



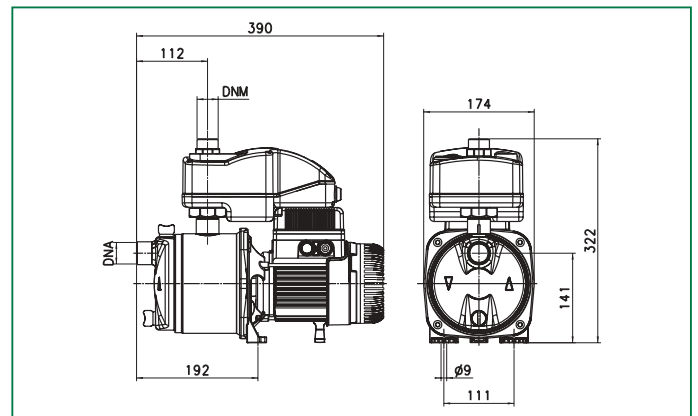
ACTIVE JI



- Automatic self-priming centrifugal pump
- Pump body in stainless steel
- Liquid temperature: from -10°C to +35°C for domestic use
from -10°C to +40°C for other use
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 8 bar (800 kPa)
- Protection level: IP44 (IP55 on the terminal board)
- Insulation class: F



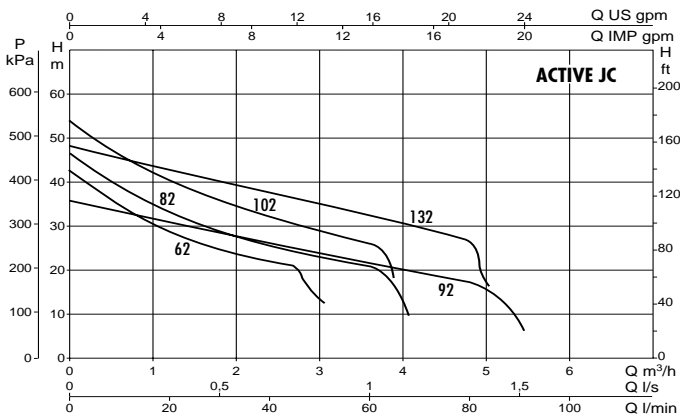
MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		I _n A	CAPACITOR	
			kW	HP		μF	V _c
ACTIVE JI 82 M	1x220-240 V ~	0,850	0,6	0,8	3,8	12,5	450
ACTIVE JI 102 M	1x220-240 V ~	1,130	0,75	1	5,1	16	450
ACTIVE JI 112 M	1x220-240 V ~	1,400	1	1,36	6,2	25	450
ACTIVE JI 92 M	1x220-240 V ~	0,940	0,75	1	4,2	14	450
ACTIVE JI 132 M	1x220-240 V ~	1,490	1	1,36	6,6	25	450



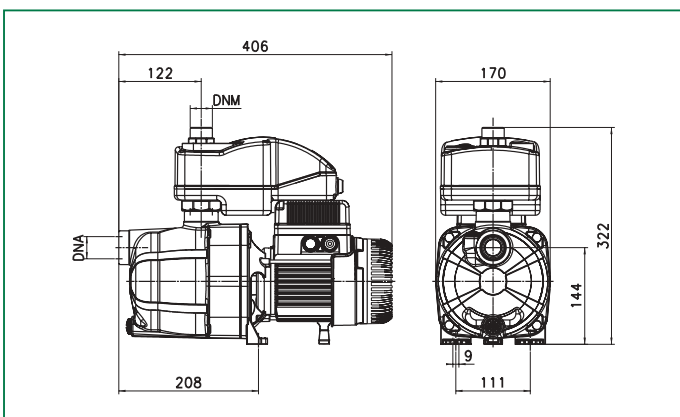
ACTIVE JC



- Automatic self-priming centrifugal pump
- Pump body in plastic
- Liquid temperature: from -10°C to +35°C for domestic use
from -10°C to +40°C for other use
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 6 bar (600 kPa)
- Protection level: IP44 (IP55 on the terminal board)
- Insulation class: F



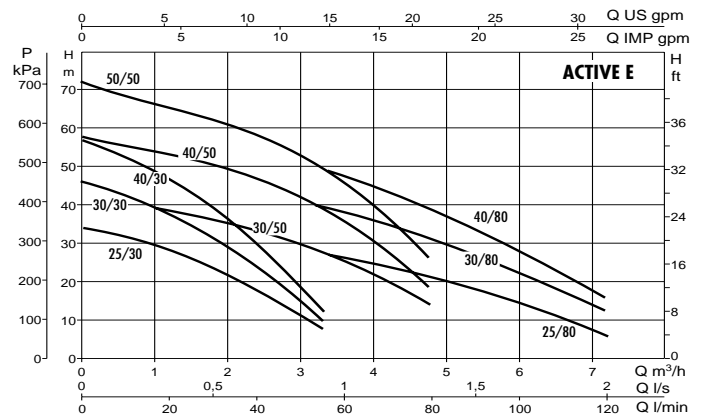
MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		μF	Vc
ACTIVE JC 62 M	1x220-240 V ~	0,720	0,44	0,6	3,12	12,5	450
ACTIVE JC 82 M	1x220-240 V ~	0,850	0,6	0,8	3,8	12,5	450
ACTIVE JC 102 M	1x220-240 V ~	1,130	0,75	1	5,1	16	450
ACTIVE JC 92 M	1x220-240 V ~	0,940	0,75	1	4,2	14	450
ACTIVE JC 132 M	1x220-240 V ~	1,490	1	1,36	6,6	25	450



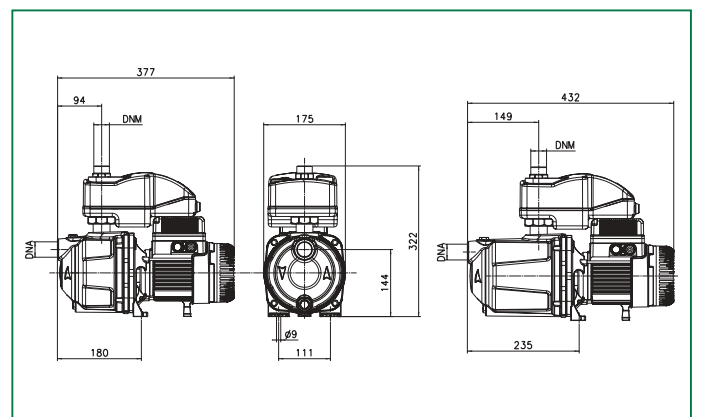
ACTIVE E



- Horizontal multistage centrifugal pump
- Pump body in cast iron
- Liquid temperature: from -10°C to +35°C for domestic use
from -10°C to +40°C for other use
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 8 bar (800 kPa)
- Protection level: IP44 (IP55 on the terminal board)
- Insulation class: F



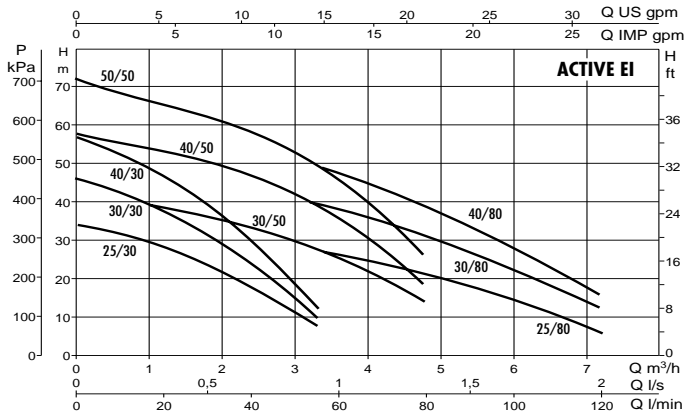
MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		μF	Vc
ACTIVE E 25/30 M	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450
ACTIVE E 30/30 M	1x220-240 V ~	0,720	0,45	0,6	3,2	10	450
ACTIVE E 40/30 M	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450
ACTIVE E 30/50 M	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450
ACTIVE E 40/50 M	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450
ACTIVE E 50/50 M	1x220-240 V ~	1,480	1	1,36	6,3	25	450
ACTIVE E 25/80 M	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450
ACTIVE E 30/80 M	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450
ACTIVE E 40/80 M	1x220-240 V ~	1,480	1	1,36	6,3	25	450



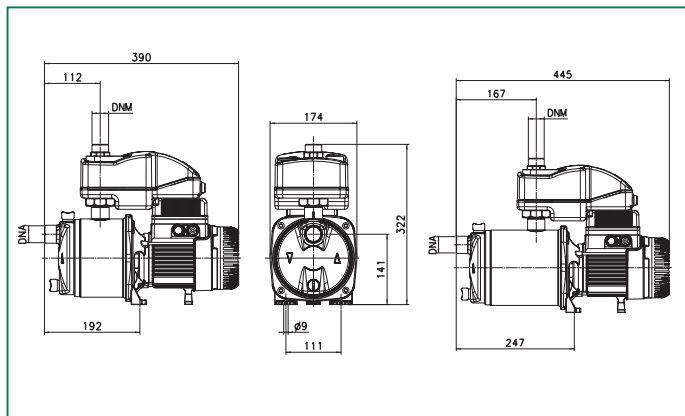
ACTIVE EI



- Horizontal multistage centrifugal pump
- Pump body in stainless steel
- Liquid temperature: from -10°C to +35°C for domestic use
from -10°C to +40°C for other use
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 8 bar (800 kPa)
- Protection level: IP44 (IP55 on the terminal board)
- Insulation class: F



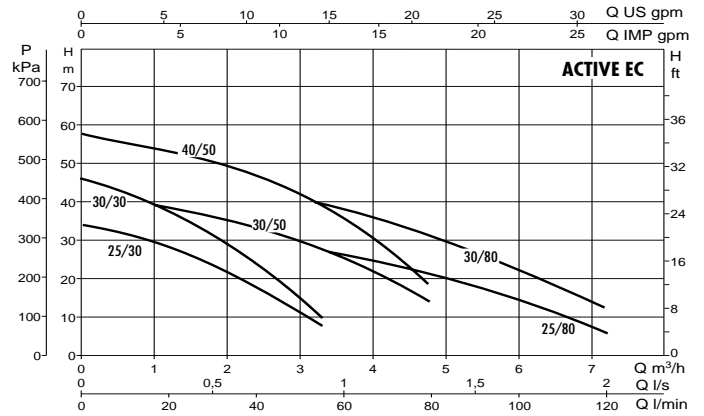
MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		I _n A	CAPACITOR	
			kW	HP		μF	V _c
ACTIVE EI 25/30 M	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450
ACTIVE EI 30/30 M	1x220-240 V ~	0,720	0,45	0,6	3,2	10	450
ACTIVE EI 40/30 M	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450
ACTIVE EI 30/50 M	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450
ACTIVE EI 40/50 M	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450
ACTIVE EI 50/50 M	1x220-240 V ~	1,480	1	1,36	6,3	25	450
ACTIVE EI 25/80 M	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450
ACTIVE EI 30/80 M	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450
ACTIVE EI 40/80 M	1x220-240 V ~	1,480	1	1,36	6,3	25	450



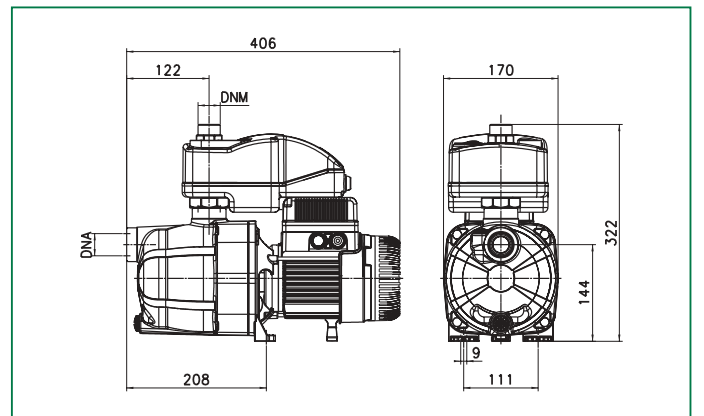
ACTIVE EC



- Horizontal multistage centrifugal pump
- Pump body in plastic
- Liquid temperature: from -10°C to +35°C for domestic use
from -10°C to +40°C for other use
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 6 bar (600 kPa)
- Protection level: IP44 (IP55 on the terminal board)
- Insulation class: F



MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		I _n A	CAPACITOR	
			kW	HP		μF	V _c
ACTIVE EC 25/30 M	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450
ACTIVE EC 30/30 M	1x220-240 V ~	0,720	0,45	0,6	3,2	10	450
ACTIVE EC 30/50 M	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450
ACTIVE EC 40/50 M	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450
ACTIVE EC 25/80 M	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450
ACTIVE EC 30/80 M	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450





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