KOZANOĞLU
KOZMAKSAN

P1 GASOLINE PORTABLE MOTOPUMP (VANGUARD 23 HP)



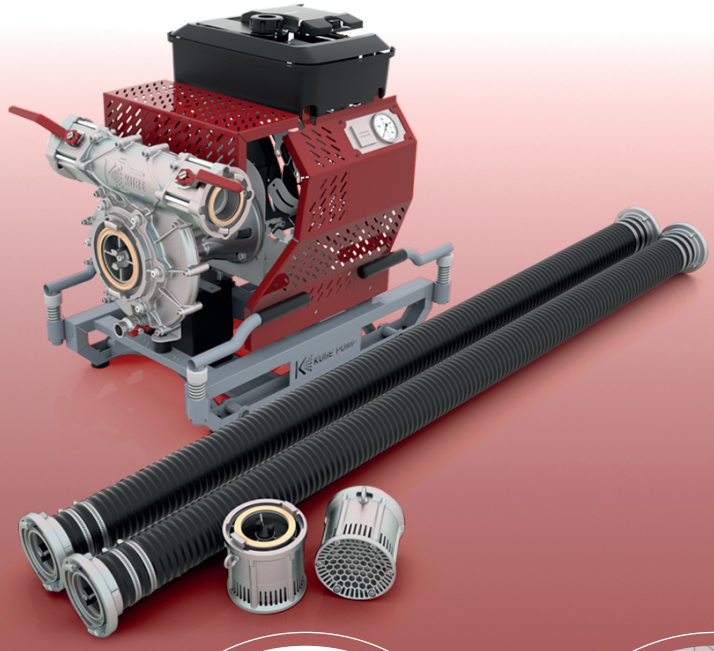
- The Pumps are first non-priming motopump. The Pump does not need any primer system, the suction hose restarts self-suction again in couple of seconds even if it comes out water.
- All the pump parts are manufactured in our factory, therefore there is no spare parts supplying problem.
- Multipurpose pump. In addition to firefighting, the Pumps can operate smoothly in dirty water, flood water, oily water, sewage and seawater.
- The pump body made by two separated parts. In case of any failure it can easily unscrew the body and easily maintenance.
- The Pumps have two different unique protection systems to prevent damage to the pump and the engine in case of any hard metal and similar substances get in the suction hose during the operation.
- Suction at geographical 10 meters depth. Although the phrase is suction, due to the nature of our patented system pushing the water up with the help of a propeller, there is no loss flow rate up to 7 meters suction lift.
- Dry working capability! Working dry does not effect the operation. It won't give any damage to pump or engine.
- The pumps have corrosion-resistant series of material and long-lasting operation performance by advanced aluminum technology.
- The Pumps have ISO 9001, TSE, CE and EN 14466 Portable Pumps certificates.



P1 GASOLINE

ENGINE	TYPE	4 CYCLE
	NUMBER OF CYLINDER	2 CYLINDER
	COOLING SYSTEM	AIR COOLED
	BORE X STROKE	75,50 X 70,00 (mm)
	PISTON DISPLACEMENT	627 cc
	OUTPUT	17,2 kW - 23 HP
	FUEL TYPE	Gasoline
	FUEL TANK CAPACITY	8,5 LT
	FUEL CONSUMPTION	4 LT/HR (%50 STROKE)
	FUEL SYSTEM	FUEL INJECTION
	OIL TANK CAPACITY	1,7 LT
SUCTION	STARTING	ELECTRIC AND MANUAL
	SUCTION SYSTEM	MECHANIC SPECIAL PATENTED SUCTION SYSTEM
PUMP	PUMP TYPE	SINGLE END SUCTION CENTRIFUGAL PUMP
	SUCTION TYPE AND DIA	STORZ TYPE 4" (100 mm)
	DISCHARGE TYPE AND DIA	STORZ TYPE (changeable) 2-1/2" (65 mm)
	DISCHARGE NUMBER	TWIN
	DISCHARGE VALVE	BALL VALVE
WEIGHT	DRY WEIGHT	75 KG
	WET WEIGHT	85 KG
DIMENSION (mm)	OVERALL LENGTHxWIDTHxHEIGHT	500 X 850 X 750

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The Pump has unique protection system to prevent damage to the pump and the engine

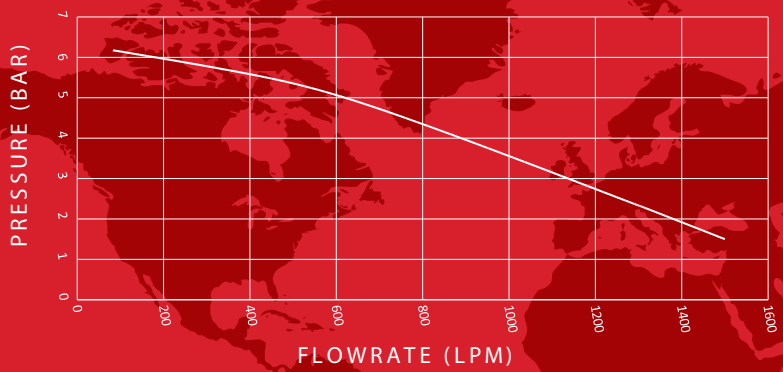


No vacuum, no need priming. Pushing the water up with the propeller.



Working dry won't give any damage to pump or engine.

P1 GASOLINE MOTOPUMP PERFORMANCE CURVE



Smooth operate in every condition

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