

High-Performance pump of the reputation



P572S
52kW (70ps)

Dry Weight: 88kg
Rated Discharge: 1.53m³/min
Starting: Electric./Manual

P555S
44kW (60ps)

Dry Weight: 88kg
Rated Discharge: 1.28m³/min
Starting: Electric./Manual

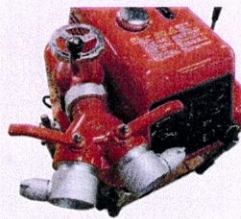
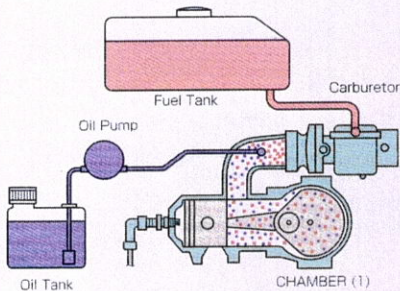
P455S
33kW (45ps)

Dry Weight: 88kg
Rated Discharge: 1.20m³/min
Starting: Electric./Manual

DAN Series Dual air suction new system
Dual suction system from front and back side of the pump

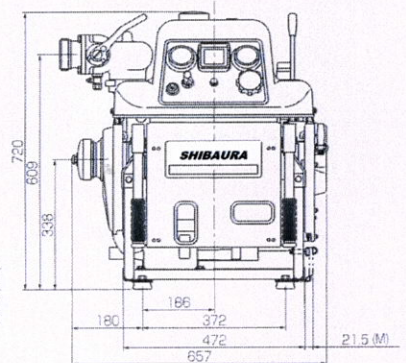
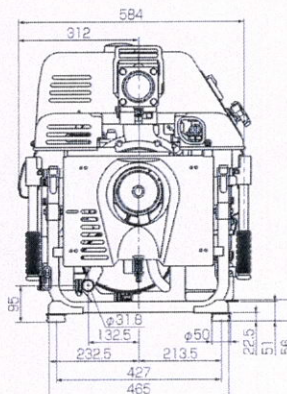
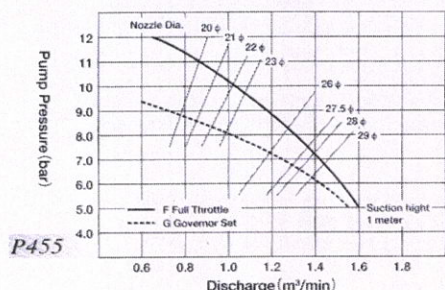
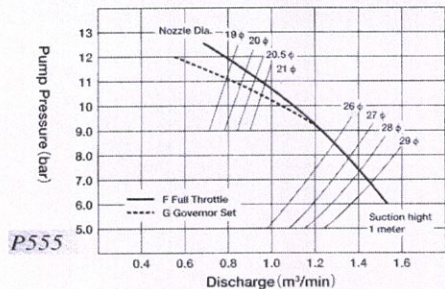
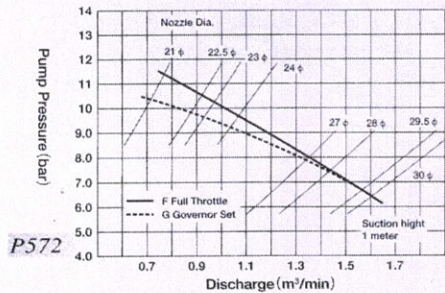
F E A T U R E

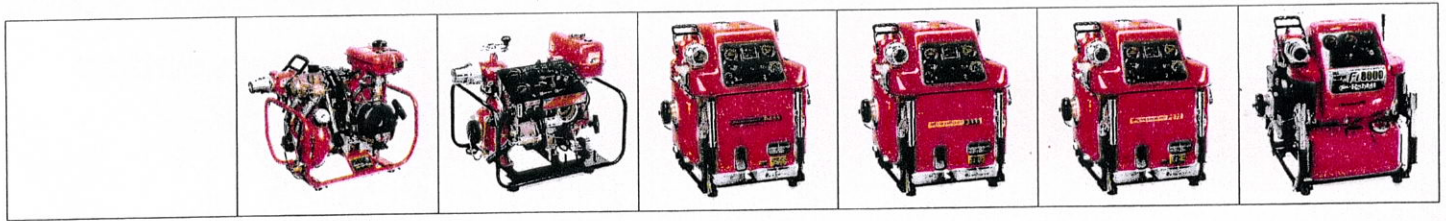
- Use of a large oil-less vacuum pump ensures no wasted oil and a coolant circulation system (optional) eliminates emission of water, achieving a consistently clean cooling solution.
- For the first time in a fire fighting pump, a revolutionary automatic decompression system has been added to the engine, which reduces recoil force and has an automatic choke to ensure a simple and trouble free start every time.
- The new design incorporates a large oil-less vacuum pump and a high power engine, allowing faster water suction and discharge, making it superior to any other competing brand in the same class.
- Separate oil filling system eliminates the need for fuel mixing. If the lubrication oil become empty then a warning indicator will alert the operator and the engine will automatically shut down.
- The new design allows low noise operation and this has been achieved by using a high performance silencer system operating on both the air intake and outlet. This convenient feature minimizes noise disturbances during practice drills and night time operation.
- In the unexpected event of the pump having insufficient coolant, the automatic shut down system (RRS) will be activated and the engine will automatically shut down.
- An improved design super ball cock valve offers excellent operating characteristics, while a step-less throttle dial delivers a smoother, fine discharge setting.



Twin delivery (option: Fi & DIAMONDFUJI)
※Various type of outlet & coupling available

Separate oil filling system





Model	P265MV	P383L M/S	P455S	P555S	P572S	FI8000
Length mm	440	601		657		681
Dimension Width mm	335	463		584		635
Height mm	445	515		720		708
Weight kg	23	M 36/S 43		88		92
● PUMP						
Model	P265	P383	P455	P555	P572	P556
Type	Single stage, high pressure turbine pump		Single stage, high pressure turbine pump			
Suction mm	Nominal 40	Nominal 65	Nominal 75			
Discharge mm	Nominal 40	Nominal 65	Nominal 65			
Rated Pressure bar(MPa)	3.0(0.3)	5.0(0.5)	5.5(0.55)	7.0(0.7)	7.0(0.7)	7.0(0.7)
Rated Discharge L/min	244	550	1220	1280	1530	1320
High Pressure bar(MPa)	—	7.0(0.7)	8.0(0.8)	10.0(1.0)	10.0(1.0)	10.0(1.0)
High Pressure Discharge L/min	—	380	910	880	1060	920
Rated Revolution rpm	5,000	6,000	5,100 (Governor)		5,200 (Governor)	
Vacuum Pump	4-Blade Eccentric Rotary Type (Oilless type)		4-Blade Eccentric Rotary Type (Oilless type)			
Vacuum m(mmHg)	Water Suction 9 meter, Abt.640mm Hg min		Water Suction 9 meter, Abt.640mm Hg min			
● ENGINE						
Model	EC12	E200	EP555	EP572	EP556	
Type	Air cooled, 2-cycle, vertical 1-cylinder gasoline engine		Water cooled, 2-cycle, horizontal 2-cylinder gasoline engine			
No. of Cylinder	1	1	2			
Bore×Stroke mm	54×50	68×55	76×70	80×72	76×70	
Total Displacement mL	114	200	635	723	635	
Max.Output kW (PS)	4.42(6.0)	8.8(13.0)	33.0(45)	44.0(60)	52.0(70)	50.0(68)
Fuel consumption L/hr High Pressure	1.8	5.4	13	14	17.5	17
Fuel Tank Capacity L	1.8	4.0	12	12	12	11
Ignition	(CD) Solid state ignition	(CD) Solid state ignition	(CD) Solid state ignition			Digital CDI
Spark Plug	NGK BM6A	NGK B9HS	NGK B7HS			
Fuel	Lubricant - mixed gasoline		Mobile gasoline (Separate oil filling system (2 cycle oil))			
Starting	Manual	S : Electric/Manual M : Manual	Electric/Manual			
Lighting Capacity (Search Light)	—	12V 25W	12V 25W		12V 200W	
(Panel Light)	—	12V 3×2W	12V 3×2W		12V 3×2W	
Battery	—	12V 14Ah	12V 30Ah(S)		12V 16Ah/5h	

※The specification is subject to change without notice for the purpose of improvement of the product.

Standard Accessories



	P265MV	P383L		P455S	P555S	P572S	FI8000
		M	S				
Joint (attached to the unit)	●	●	●	●	●	●	●
Battery (attached to the unit)	—	—	●	●	●	●	●
Safety nozzle	—	—	—	●	●	●	●
Fuse	—	—	—	●	●	●	●
①Disassembly tool set	●	●	●	●	●	●	●
②Instruction manual	●	●	●	●	●	●	●
③Pump cover	—	●	●	●	●	●	●
④Ignition plug	—	●	●	●	●	●	●
⑤Battery charger	—	—	●	●	●	●	●