

## 9. SPECIFICATIONS

Model		PTG109	PTG155	PTG208	PTG209	PTG307	PTG405
PUMP	Type	Self-priming, Centrifugal pump					
	Suction×Delivery Diameters	25.4×25.4mm(1×1in.)	38.1×38.1mm(1.5×1.5in.)	50.8×50.8mm(2×2in.)		76.2×76.2mm(3×3in.)	101.6×101.6mm(4×4in.)
	Total Head	35m	23m	32m	26m	32m	28m
	Maximum Delivery Volume	120 ℓ/min	320 ℓ/min	520 ℓ/min	600 ℓ/min	1000 ℓ/min	1800 ℓ/min
	Suction Head	8.5m	8m				
Axle Seal Material(Mechanical Seal)		Ceramic-carbon					
ENGINE	Model	EC025GR	EY08D	EY15-3D		EY20-3D	EY28D
	Type	Robin Air-cooled, 2-stroke, Gasoline engine	Robin Air-cooled, 4-stroke, Gasoline engine				
	Lubricant	Automotive detergent oil (API/SE or higher grade, SAE/10W-30 etc.)					
	Oil Capacity	—	0.4L	0.6L		0.85L	
	Fuel	Mixture fuel (Automobile gasoline : Engine oil=25:1)	Automobile gasoline				
	Fuel Tank Capacity	0.6L	1.5L	2.8L		3.8L	5.5L
	Spark Plug	NGK-BM7A or BMR7A (CHAMPION-CJ6)	NGK-BM4A or BMR4A (CHAMPION-CJ14)	NGK-B6HS or BR6HS (CHAMPION-L86C or RL86C)			NGK-BP6HS or BPR6HS (CHAMPION-L87YC or RL87YC)
	Starting System	Recoil starter					
	Dimensions (L×W×H)	275×212×298mm	382×285×357mm	470×354×419mm	475×344×414mm	527×378×422mm	618×485×570mm
	Net Weight	5.1kg	9.8kg	23.5kg	22.5kg	26.4kg	44.1kg
Standard Accessories	Engine tool kit (1 set), Strainer (1 pc.), Hose coupling (2 pcs.), Hose band (3 pcs.)						

Model		PTG208ST	PTG307ST	PTG208T	PTG305T	PTG405T	PTG208H
PUMP	Type	Self-priming, Centrifugal pump			Self-priming, Trash pump		Self-priming, Centrifugal pump
	Suction×Delivery Diameters	50.8×50.8mm(2×2in.)	76.2×76.2mm(3×3in.)	50.8×50.8mm(2×2in.)	76.2×76.2mm(3×3in.)	101.6×101.6mm(4×4in.)	50.8×50.8mm(2×2in.)
	Total Head	23m		27m	28m	23m	50m
	Maximum Delivery Volume	700 ℓ/min	1000 ℓ/min	750 ℓ/min	1300 ℓ/min	2000 ℓ/min	400 ℓ/min
	Suction Head	8m					
Axle Seal Material(Mechanical Seal)		Silicon-carbide					
ENGINE	Model	EY15-3D	EY20-3D		EY28D	EY40D	EY20-3D
	Type	Robin Air-cooled, 4-stroke, Gasoline engine					
	Lubricant	Automotive detergent oil (API/SE or higher grade, SAE/10W-30 etc.)					
	Oil Capacity	0.6L		0.85L		1.2L	0.6L
	Fuel	Automobile gasoline					
	Fuel Tank Capacity	2.5L	3.8L		5.5L	6.0L	3.8L
	Spark Plug	NGK-B6HS or BR6HS (CHAMPION-L86C or RL86C)			NGK-BP6HS or BPR6HS (CHAMPION-L87YC or RL87YC)	NGK-BP4HS or BPR4HS (CHAMPION-L95YC or RL95YC)	NGK-B6HS or BR6HS (CHAMPION-L86C or RL86C)
	Starting System	Recoil starter					
Dimensions (L×W×H)	462×356×397mm	527×368×417mm	600×398×448mm	690×485×600mm	730×485×600mm	527×378×422mm	
Net Weight	24kg	28kg	34.8kg	45kg	71.4kg	26.5kg	
Standard Accessories	Engine tool kit (1 set), Strainer (1 pc.), Hose coupling (2 pcs.), Hose band (3 pcs.)						

Model		PTG208D	PTG307D
PUMP	Type	Self-priming, Diaphragm pump	
	Suction×Delivery Diameters	50.8×50.8mm(2×2in.)	76.2×76.2mm(3×3in.)
	Total Head	15m	
	Maximum Delivery Volume	125 ℓ/min	250 ℓ/min
	Suction Head	7.6m	
ENGINE	Model	EY15-3D	EY20-3D
	Type	Robin Air-cooled, 4-stroke, Gasoline engine	
	Lubricant	Automotive detergent oil (API/SE or higher grade, SAE/10W-30 etc.)	
	Oil Capacity	0.6L	
	Fuel	Automobile gasoline	
	Fuel Tank Capacity	2.8L	3.8L
	Spark Plug	NGK-B6HS or BR6HS (CHAMPION-L86C or RL86C)	
	Starting System	Recoil starter	
Dimensions (L×W×H)	614×370×510mm	660×420×540mm	
Net Weight	37.4kg	44.8kg	
Standard Accessories	Engine tool kit (1 set), Strainer (1 pc.)		