

Diesel Self-Bunded Storage Tanks

2,300 – 10,000 LTRS - Ranger & Quantum – 240V / 12V



	DMDS2300 – 240V	DMDS3300 – 240V	DMDS5000 – 240V	DMDS7000 – 240V	DMDS10000 – 240V
Manufacturer	Polymaster Pty Ltd	Polymaster Pty Ltd	Polymaster Pty Ltd	Polymaster Pty Ltd	Polymaster Pty Ltd
Tank Type	Self-Bunded Tank	Self-Bunded Tank	Self-Bunded Tank	Self-Bunded Tank	Self-Bunded Tank
Nominal Capacity (ltrs)	2300	3300	5000	7000	10000
Working Volume (ltrs)	2130	3058	4626	6495	9323
Safe Fill Limit (ltrs)	2185	3135	4750	6650	9500
Tare Weight (kg)	278	308	378	478	578
Tank Material of Construction (Inner)	Polyethylene - 7032	Polyethylene - 7032	Polyethylene - 7032	Polyethylene - 7032	Polyethylene - 7032
Tank Material of Construction (Outer)	Fire Resistant Polyethylene - 7032-FR	Fire Resistant Polyethylene - 7032-FR	Fire Resistant Polyethylene - 7032-FR	Fire Resistant Polyethylene - 7032-FR	Fire Resistant Polyethylene - 7032-FR
Base Dimensions (mm)	Ø2120	Ø2330	Ø2750	Ø3070	Ø3070
Overall Height (mm)	2310	2304	2310	2460	2820
Tank Diameter (mm)	1604	1800	2200	2500	2500
Manway Height (mm)	2150	2120	2020	2170	2525
Max. Specific Gravity Rating	1	1	1	1	1
Colour	Light Grey	Light Grey	Light Grey	Light Grey	Light Grey
Standards	AS/NZS4766	AS/NZS4766	AS/NZS4766	AS/NZS4766	AS/NZS4766
Standard Fitting Specifications					
Fill Connection	ALL DMDS PRODUCTS INCLUDE AN OVERFILL PROTECTION DEVICE (OPD)				
Size	DN50	DN50	DN50	DN50	DN50
MOC/Type	AL Camlock Type F	AL Camlock Type F	AL Camlock Type F	AL Camlock Type F	AL Camlock Type F
Max Fill Rate (L/min)	250	250	250	250	250
Internal Tank Vent					
Size	DN50	DN50	DN50	DN50	DN50

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Vent	PVC Mushroom Vent	PVC Mushroom Vent	PVC Mushroom Vent	PVC Mushroom Vent	PVC Mushroom Vent
Pump					
Make	Piusi	Piusi	Piusi	Piusi	Piusi
Model	F0073205A	F0073205A	F0073205A	F0073205A	F0073205A
Phase	Single	Single	Single	Single	Single
Voltage (V)	240	240	240	240	240
Flow Rate (L/min)	72	72	72	72	72
Trigger Nozzle Holder					
Make	Piusi	Piusi	Piusi	Piusi	Piusi
Model	F1623900B	F1623900B	F1623900B	F1623900B	F1623900B
MOC	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Type	Automatic. Pump Start / Stop	Automatic. Pump Start / Stop	Automatic. Pump Start / Stop	Automatic. Pump Start / Stop	Automatic. Pump Start / Stop
Fuel Meter					
Make	Piusi	Piusi	Piusi	Piusi	Piusi
Model	K24 - F0040700A	K24 - F0040700A	K24 - F0040700A	K24 - F0040700A	K24 - F0040700A
Type	Digital 5-Digit	Digital 5-Digit	Digital 5-Digit	Digital 5-Digit	Digital 5-Digit
Flow Rate (L/min)	120	120	120	120	120
Accuracy	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%
Battery Type	2 x AAA	2 x AAA	2 x AAA	2 x AAA	2 x AAA
Water Captor/Filter					
Make	Piusi	Piusi	Piusi	Piusi	Piusi
Model	F00611020	F00611020	F00611020	F00611020	F00611020
Fluids	Water	Water	Water	Water	Water
Flow Rate (L/min)	150	150	150	150	150
Particle Size (Microns)	30	30	30	30	30
Pressure (bar)	4	4	4	4	4
Outlet					
Size	DN25	DN25	DN25	DN25	DN25
Type	Automatic Trigger Nozzle	Automatic Trigger Nozzle	Automatic Trigger Nozzle	Automatic Trigger Nozzle	Automatic Trigger Nozzle
Volume (L/min)	120	120	120	120	120

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Hose					
Length (Meters)	5	5	5	5	5
Size	DN25	DN25	DN25	DN25	DN25
MOC	PVC - Diesel Grade	PVC - Diesel Grade	PVC - Diesel Grade	PVC - Diesel Grade	PVC - Diesel Grade
Inspection Hatch					
Size (mm)	140	140	140	140	140
MOC/Type	PP Screw Lid	PP Screw Lid	PP Screw Lid	PP Screw Lid	PP Screw Lid
Instrumentation					
Make	OCIO Level Monitor	OCIO Level Monitor	OCIO Level Monitor	OCIO Level Monitor	OCIO Level Monitor
Model	DMLI	DMLI	DMLI	DMLI	DMLI
Alarm	High-Low	High-Low	High-Low	High-Low	High-Low
Output	N/A	N/A	N/A	N/A	N/A
IP Rating	IP54	IP54	IP54	IP54	IP54
Hose Reel (Quantum only)					
Make	Piusi	Piusi	Piusi	Piusi	Piusi
Part Code	DHR10M25	DHR10M25	DHR10M25	DHR10M25	DHR10M25
Type	Retractable	Retractable	Retractable	Retractable	Retractable
Length (Meters)	10	10	10	10	10
Fluid Monitoring (Quantum only)					
Make	Piusi	Piusi	Piusi	Piusi	Piusi
Product Code	BMCB-D	BMCB-D	BMCB-D	BMCB-D	BMCB-D
Current (V)	230	230	230	230	230
No of Users	120	120	120	120	120
PC Connect	Yes	Yes	Yes	Yes	Yes
Fuel Meter (Quantum - Replaces K24)					
Make	Piusi	Piusi	Piusi	Piusi	Piusi
Model	K600/3 - F00472A00	K600/3 - F00472A00	K600/3 - F00472A00	K600/3 - F00472A00	K600/3 - F00472A00
Type	Digital Pulse	Digital Pulse	Digital Pulse	Digital Pulse	Digital Pulse
Flow Rate (L/min)	100	100	100	100	100
Accuracy	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%

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12V Fitting Specifications

	DMDS2300 – 12V	DMDS3300 – 12V	DMDS5000 – 12V	DMDS7000 – 12V	DMDS10000 – 12V
Pump					
Part Code	DP85PUMP	DP85PUMP	DP85PUMP	DP85PUMP	DP85PUMP
Make	Piusi	Piusi	Piusi	Piusi	Piusi
Model	F0036302A	F0036302A	F0036302A	F0036302A	F0036302A
Voltage (V)	12/24	12/24	12/24	12/24	12/24
Flow Rate (L/Min)	85	85	85	85	85
Solar Panel					
Part Code	SPK	SPK	SPK	SPK	SPK
Output (W)	160	160	160	160	160
Frame	Galvanised Steel	Galvanised Steel	Galvanised Steel	Galvanised Steel	Galvanised Steel

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