

DIAPHRAGM PUMPS: DF50 - 1/2" PORTED



DF50 Pump 14 GAL/MIN

- Frictionless pivoting air valves
- Bolted cover design
- Long life diaphragms
- In-line design
- Quiet operation
- No pulsation
- Smooth flow

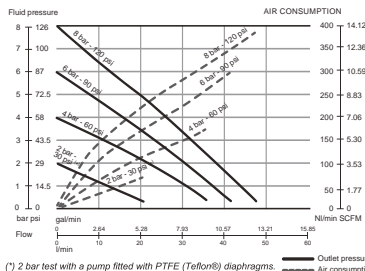
Pump pressure ratio	1:1
Maximum free flow rate	14 gal/min (52 l/min)
Maximum suction lift	26' (8m)
Minimum air pressure	22 psi (1.5 bar)
Maximum air pressure	115 psi (8 bar)
Max size solid suspension	1/8" (3 mm)
Air inlet	3/8" NPS(F)
Fluid outlet	1/2" NPT(F) / 1/2" BSPP (552 164A)
Fluid inlet	1/2" NPT(F) / 1/2" BSPP (552 164A) 3/8" NPT(F) x2 Dual inlet pump (552 124)
Wetted materials	Polypropylene, Buna-N, Hytrel, Aluminum, Stainless steel, Acetal
Mounting Footprint	4 9/64" x 4 9/64"
Manual	855 822

MARKETS SERVED

- Car and truck dealers
- Service shops
- Industrial
- Agriculture

FLUIDS HANDLED

- Antifreeze and antifreeze solutions (AF)
- DEF
- Windshield wash solutions (WWS)
- Lubricants (L)
- Waste fluid (WF)
- Waste oil (WO)



(*) 2 bar test with a pump fitted with PTFE (Teflon®) diaphragms.

Tested at room temperature, with water and flooded pump with 31.5" (800 mm) height of water above the pump inlet.

ORDER INFORMATION

	Pump body	Diaphragms	Balls	Seats	Application
552 010	Aluminum	Hytrel®	Acetal	Stainless steel	L, AF, WF, WO
552 030	Aluminum	Buna-N	Buna-N	Stainless steel	L, WO
552 164	Polypropylene	Hytrel®	Hytrel®	Stainless steel	AF, WF, WWS

BSPP FLUID PORTS for use with DEF fluid

552 164A	Polypropylene	Hytrel®	Hytrel®	Stainless steel	DEF
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DUAL INLET for 1:1 ratio mixing with similar viscosities

552 124	Polypropylene	Hytrel®	Hytrel®	Stainless steel	AF, WS, WWS
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362 920 Air Connection Kit



Air nipple 3/8" NPT(M)	933M06
Air coupler 1/4" NPT(F)	930F04
Air hose 1/4" x 5'	802
Air pressure regulator 1/4"	970
Connection adaptor 1/4" NPT(M)	2051
Air valve 1/4" NPT(F)	2013