

# AIR OPERATED DIAPHRAGM PUMPS



American Pneumatic Tools is pleased to introduce a new line of **Air Operated Diaphragm Pumps**.



Our **NEW AOD pumps** are designed to handle the toughest liquid products in the construction, industrial and mining industries. As always, APT Diaphragm Pumps meet the most stringent demands for both quality and reliability. With our trained sales personnel assisting, we can offer the correct pump for any application.



**BUILT TO LAST SINCE 1938**  
www.apptools.com | 800.532.7402

**PROVEN POWER.  
RUGGED RELIABILITY.**

MODEL	DESCRIPTION	PART NUMBER	DIMENSIONS			MAX PARTICLE SIZE	AIR INLET	AIR EXHAUST	FLUID OUTLET	FLUID INLET
			WIDTH	DEPTH	HEIGHT					
			in	in	in	mm	npt	npt	npt	npt
DP12AL-N*	1/2" Aluminium Pump w/ neoprene diaphragm	9900 4819 67	5.5	4	9	1.6	1/4	1/4	1/2	1/2
<i>*Also available with buna and teflon diaphragms</i>										
DP1AL-N*	1" Aluminium Pump w/ neoprene diaphragm	9900 4818 55	8	6	14.5	3.2	1/4	1/2	1	1
<i>*Also available with buna, santoprene, hytrel, viton and teflon diaphragms</i>										
DP1SS-T	1" Stainless Steel Pump w/ teflon diaphragm	9900 4818 73	8.5	8	18.5	3.2	1/4	1/2	1	1
DP1PP-T*	1" Polypropylene Pump w/ teflon diaphragm	9900 4818 76	11	9	18	3.2	1/2	1/2	1	1
<i>*Also available with santoprene diaphragm</i>										
DP15AL-N*	1-1/2" Aluminium Pump w/ neoprene diaphragm	9900 4818 79	10.5	9	26	4.8	1/2	1/2	1 1/4	1 1/2
<i>*Also available with buna, viton, santoprene, hytrel and teflon diaphragms</i>										
DP15SS-T*	1-1/2" Stainless steel Pump w/ teflon diaphragm	9900 4818 97	11	9	26	4.8	1/2	1/2	1 1/2	1 1/2
<i>*Also available with viton, santoprene and hytrel diaphragms</i>										
DP2AL-N*	2" Aluminium Pump w/ neoprene diaphragm	9900 4819 00	10	11	26	6.4	1/2	1/2	2	2
<i>*Also available with buna, viton, santoprene, hytrel and teflon diaphragms</i>										
DP2SS-T*	2" Stainless Steel Pump w/ teflon diaphragm	9900 4819 18	15	9	30	6.4	1/2	1/2	2	2
<i>*Also available with viton, santoprene and hytrel diaphragms</i>										
DP3AL-N*	3" Aluminium Pump w/ neoprene diaphragm	9900 4819 21	12	12	32	9.5	3/4	1	3	3
<i>*Also available with buna, viton, santoprene and hytrel diaphragms</i>										

## 6 EASY STEPS TO CHOOSING THE CORRECT PUMP



1. Gather your application data first
  - fluid to be pumped and its physical and chemical characteristics
2. Select the correct diaphragm
3. Once the diaphragm is chosen, select the correct material of construction of the pump (Aluminium, Stainless steel, Polypropylene)
4. Establish total head (calculation)
5. Establish pump model
6. Check solids handling capability
  - maximum slurry particle size must not be greater than the pumps solids passage capability.



DP12AL



DP1AL



DP1SS



DP1PP



DP15AL



DP15SS



DP2AL



DP2SS



DP3AL

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