



Medium Pressure Diaphragm Pumps

Medium Pressure Pumps up to 40 Bar (580psi)

Croplands AR pressure pumps are amongst the strongest and most reliable pumps available today. You can choose from a wide range of options such as drive type, controllers and mountings. All Croplands AR pumps are oil backed positive displacement Diaphragm type pumps, fitted with chemical resistant diaphragms and corrosion resistant bodies.



For Controllers, see pages 14 & 15

Pump Specifications

PUMP	DIAPHRAGM NO.	MAXIMUM DELIVERY L/MIN	MAXIMUM PRESSURE BAR (PSI)	MAXIMUM RPM	POWER REQUIRED KW (HP)	WEIGHT KG
AR252	2	25	25 (360)	550	1.2 (1.6)	4
AR30	2	35	40 (580)	550	2.4 (3.2)	11
AR503	3	55	40 (580)	550	3.9 (5.2)	13



AR252



AR30



AR503

Fitting & Mounting

C **CARDAN Shaft Drive Pump** is fitted with a 1 $\frac{3}{8}$ " male 6 spline shaft and mounting legs.

T **Tractor kit** Supplied with female 1 $\frac{3}{8}$ " 6 spline coupling and torque chains for mounting directly onto the tractor's PTO shaft.

SP **Bare shaft** No shaft is supplied. Pump comes either with a flange and three threaded drive bolt holes or a round shaft with two drive pin holes.

PGI **Pulley** Supplied with the appropriate pulley controller mounted on pump.

APC **Thru Shaft** 1 $\frac{3}{8}$ " six spline input & bare output shaft.

CRGI **Engine Drive Gear Box** Built in 6 to 1 gearbox, controller mounted

Medium Pressure Diaphragm Pumps & Attachment Kits

PUMP MODEL	T		SP		C		PGI		CRGI		APC		PROD CAT
	\$		\$		\$		\$		\$		\$		
Refer to table above for specifications	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	
AR252	655.62	721.18	493.57	542.93	562.84	619.12	754.57	830.03	766.94	843.63			Y
AR30	903.01	993.31	723.65	796.02	740.97	815.07	1,001.97	1,102.17	1,261.74	1,387.91			Y
AR503	1,110.82	1,221.90	903.01	993.31	958.67	1,054.54	1,155.35	1,270.89	1,589.54	1,748.49	1,008.16	1,108.98	Y

Diaphragms, Valves & Valve Springs

DIAPHRAGMS FOR PUMP MODELS	MATERIAL	CODE	\$ (EX. GST)	\$ (INC. GST)	PROD. CAT.
AR70, 115, 125, 135, 145, 160, 185, 250, 280, 370, 500 (20 bar max).	HPDS	AR550086	37.78	41.56	Y
AR30 (40 bar max) AR503 (50 bar max)	GOMMA	AR620080	24.94	27.43	Y
AR30 (40 bar max)	DESMOPAN	AR620085	29.95	32.95	Y
AR19 & 252 (20 bar max)	HPDS	AR800086	19.07	20.98	Y
AR813, 1064 (50 bar max)	GOMMA	AR1040081	31.36	34.50	Y
ARBHA140, BHS140, BHS160/170, BHS200 (50 bar max)	GOMMA	AR2240080	40.88	44.97	Y

VALVES FOR PUMP MODELS	CODE	\$ (EX. GST)	\$ (INC. GST)	PROD. CAT.
AR70, 115, 125, 135, 145, 160, 185, 250, 280, 370, 500 (20 bar max). ARBHA140, BHS140, BHS160/170, AR2HS200 (50 bar max)	AR759051	43.03	47.33	Y
AR30 (40 bar max). AR503, 813, 1064 (50 bar max).	AR1409050	33.27	36.60	Y
AR19 & 252 (20 bar max).	AR809060	35.78	39.36	Y

VALVE O-RINGS FOR PUMP MODELS	CODE	\$ (EX. GST)	\$ (INC. GST)	PROD. CAT.
AR125, 145, 160, 185, 250, 280, 370, 500 (20 bar max). ARBHA140, BHS140, BHS160/170, BHS200 (50 bar max)	AR680070	2.82	3.10	Y
AR70, 115, 135 (20 bar max).	AR320030	2.52	2.77	Y
AR30 (40 bar max). AR503, 813, 1064 (50 bar max).	AR620030	1.33	1.46	Y
AR19 & 252 (20 bar max).	AR880830	0.49	0.54	Y

