

Low Pressure Diaphragm Pumps

Low Pressure Pumps up to 20 Bar (290psi)

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 page 24

Pump Specifications

PUMP	DIAPHRAGM NO.	MAXIMUM DELIVERY L/MIN	MAXIMUM PRESSURE BAR (PSI)	MAXIMUM RPM	POWER REQUIRED KW (HP)	WEIGHT KG
AR70	2	72	20 (290)	550	2.5 (3.4)	9.5
AR115	3	114	20 (290)	550	2.5 (3.4)	13
AR125	3	125	20 (290)	550	3.2 (4.3)	21
AR135	3	132	20 (290)	550	5.0 (6.7)	14
AR145	3	136	20 (290)	550	3.7 (4.9)	21
AR160	4	161	20 (290)	550	5.5 (7.4)	28
AR185	4	180	20 (290)	550	6.1 (8.2)	28
AR250	6	250	20 (290)	550	8.6 (11.5)	36
AR280	6	282	20 (290)	550	9.6 (12.9)	36
AR370	8	371	20 (290)	550	10.2 (13.7)	58
AR500	12	500	20 (290)	550	13.3 (17.8)	75

Fitting & Mounting

- C** **CARDAN Shaft Drive**
Pump is fitted with a 1 3/8" male 6 spline shaft and mounting legs.
- CF** **Female Input** 25mm input for male shaft from hydraulic or engine drive.
- T** **Tractor kit** Supplied with female 1 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 with a round shaft with two drive pin holes.
- P** **Pulley** Supplied with drive pulley & mounting flange.
- APCC** **Thru Shaft** 1 3/8" six spline input & output shafts.
- CR** **Engine Drive Gear**
Built in 6 to 1 gearbox.



AR115 / AR135



AR160



AR70



AR250/280



Direct-flanged 250-APCC

Low Pressure Diaphragm Pumps & Attachment Kits

PUMP MODEL	T		SP		C		P		CR		CF25		APCC		PROD CAT
	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	(Ex. GST)	(Inc. GST)	
AR70	952.49	1,047.74	791.68	870.85	810.24	891.26	872.09	959.30	1,175.16	1,292.68					Y
AR115	1,267.93	1,394.72	1,107.12	1,217.83	1,150.41	1,265.45	1,187.53	1,306.28	1,484.41	1,632.85					Y
AR125													1,546.25	1,700.88	Y
AR135	1,348.33	1,483.16	1,187.53	1,306.28	1,187.53	1,306.28	1,267.93	1,394.72	1,688.51	1,857.36					Y
AR145									1,918.49	2,110.34					Y
AR160											1,875.94	2,063.53	1,843.13	2,027.44	Y
AR185											1,962.51	2,158.76	1,935.91	2,129.50	Y
AR250													2,430.71	2,673.78	Y
AR280													2,659.57	2,925.53	Y
AR370													3,488.35	3,837.19	Y
AR500													4,612.27	5,073.50	Y

Dual Pump Kits

For higher flows, or to use a second pump for agitation off a primary liquid pump, consider a direct-flanged option. The flange is designed to couple the 1 3/8" splined shafts of the AR250-APCC pump & the secondary pump (AR115-C) and to support the secondary pump without additional foot-mounts.

ORDER CODE	DESCRIPTION	\$ (EX. GST)	\$ (INC. GST)	PROD. CAT.
AR250-115C	Direct-flanged AR250-APCC coupled to AR115 pump	3,932.50	4,325.75	Y
AR250-135C	Direct-flanged AR250-APCC coupled to AR135 pump	4,014.20	4,415.62	Y