

- Description:**
 - Parker's ADE Series diaphragm accumulators are energy storage devices which enhance the performance of a hydraulic system by supplementing and stabilising pump delivery.
- Construction:**
 - Shell - high strength alloy steel.
 - Diaphragm/seals - nitrile (NBR).
- Recommended fluids:**
 - Group 2, general purpose mineral oil-based fluids.
- Operating temperature:**
 - From -10°C to +80°C.
- Applications:**
 - Pilot valve operation, safety systems, power units.
- Advantages:**
 - Reduced noise and shock deliver improved component and system life.
- Benefits:**
 - Reduced downtime and greater system efficiency improves machine productivity.

ADE Series - Diaphragm accumulators



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Part number	Capacity		Max. Operating Pressure		Max. Flow rate		Precharge Pressure	
	Litres		bar	psi	L/min		bar	psi
ADE007-25R1A2	0.075		250	3625	10		60	870
ADE016-25R1A2	0.16		250	3625	10		60	870
ADE032-21R1A2	0.32		210	3050	40		40	580
ADE050-21R1A2	0.5		210	3050	40		40	580
ADE075-21R1A2	0.75		210	3050	40		40	580
ADE100-21R1A2	1.0		210	3050	40		40	580
ADE140-14R1C2	1.4		140	2030	40		40	580
ADE140-25R1C2	1.4		250	3625	40		60	870
ADE200-25R1C2	2.0		250	3625	60		60	870
ADE280-25R1C2	2.8		250	3625	60		90	1300
ADE350-25R1C2	3.5		250	3625	60		90	1300



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Description:

- Parker's UCA Series charging and gauging kits enable the user to check the precharge pressure of an accumulator, and to fill or vent nitrogen as necessary.
- Correct accumulator precharge pressure optimises system performance and maximises component life.

Advantages:

- Everything needed to maintain an accumulator in one easy-to-use.

Benefits:

- Cuts time spent on critical regular maintenance while optimising machine performance.

UCA Series - Accumulators charging and gauging kit

Part number	To National Standard	Max. Operating Pressure	
		bar	psi
UCA 02	UK	340	4930
UCA 04	France	340	4930
UCA 01	Germany	340	4930
UCA 05	Italy	340	4930
UCA 03	US	340	4930



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HYDRAULICS