



MODEL	FLOW RATE (LPM)	MAX. RATED PRESSURE - kg/cm ² (Motor - hp)			
AR 1.100	1	100 (1)	-	-	-
AR 2.100	2	100 (1)	-	-	-
AR 4.100	4	100 (1)	-	-	-
AR 8.100***	8	100 (2)	-	-	-
AR 13.90***	13	90 (3)	60 (2)	-	-
AR 9.140	8.5	140 (4)	120 (3)	70 (2)	-
AR 11.110**	10	100 (3)	-	-	-
AR 13.90**	13	90 (3)	-	-	-
AR 13.200*	13	200 (7.5)	130 (5)	-	-
AR 14.140	14	140 (5)	110 (4)	80 (3)	50 (2)
AR 14.170*	14	160 (6)	140 (5)	105 (4)	80 (3)
AR 15.250	15	250 (10)	180 (7.5)	-	-
AR 15.500	15	500 (20)	375 (15)	325 (12.5)	250 (10)
AR 17.350	17	350 (15)	275 (12.5)	-	-
AR 21.200	21	200 (12.5)	180 (10)	130 (7.5)	90 (5)
AR 22.500	22	500 (30)	400 (25)	330 (20)	250 (15)
AR 30.200	30	190 (15)	155 (12.5)	125 (10)	90 (7.5)
AR 42.150	42	150 (15)	95 (10)	65 (7.5)	42 (5)
AR 50.150	50	150 (20)	100 (15)	85 (12.5)	75 (10)

* Designed to run with Electric Motor of 3000 RPM

** Designed to run with Single Phase Electric Motor

*** This system is designed for a specific application where only PressureJet – make electric motor can be fitted. Therefore, any other model electric motor or engine is not suitable for this pump. However, we have another High Pressure Cleaners, which is having similar flow rate and pressure. Suitable for other make motor / Engine.

MATERIAL OF CONSTRUCTION

- ☛ **Cylinder** : High Pressure Forged Brass
- ☛ **Plunger (Surface Finish)** : High Finish Ceramic (< 0.25 Ra)
- ☛ **Valve Seat & Valve** : Stainless Steel
- ☛ **Gland Packing** : Durable Fiber Impregnated Buna-n Seal
- ☛ **Crank Shaft** : Forged Alloy Steel, Hardened & Ground
- ☛ **Crank Case** : High Strength Aluminum Pressure Die Casting

CONTACT

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(AR SERIES PUMP)

“CUSTOMER IS THE BEST JUDGE FOR THE PRODUCT”

Whilst we strongly believe and do appreciate the fact as above, however, it is our humble effort to provide elaborates technical information about the product so, that you can compare the most essential different parameters.

	Parameters	PressureJet	Other make
ACCESSORIES & TECHNICAL	Ceramic plunger	Yes	
	Surface finish of plunger	< 0.25 Ra Value	
	Plunger Seal Make	Parker, Germany	
	M.O.C.* of Crank shaft	Alloy steel	
	Is Crank shaft Forged?	Yes	
	M.O.C.* of Cylinder (head)	Brass	
	Is Cylinder forged?	Yes	
	M.O.C.* of N.R.V.	Stainless steel	
	Stroking speed**	1450 Strokes/Min.	
	Is pump Directly coupled?	Yes	
	Mechanical Efficiency	> 75 %	
	Noise level	< 75 DB	
	Verities of accessories	Yes	
	Strainer	Yes	
Pulsation Dampener	Not Required because of Latest Design		
OTHER	Technical Collaboration	Yes	
	Total Product Range 2 hp – 500 hp	Yes	
	Availability of spares	Ex-stock	
	Availability of Accessories	Ex-stock	
	In house full fledge R & D and design Dept.	Yes	
	Total Strength	> 50, to provide quick & Reliable service	
	Paperless Office	Yes, to reply you very quickly	
	Transparency	Yes, Prices, Manuals etc. available on website	

*M.O.C. =Material of Construction

**Stroking Speed = In few cases 3000 Strokes/Min.