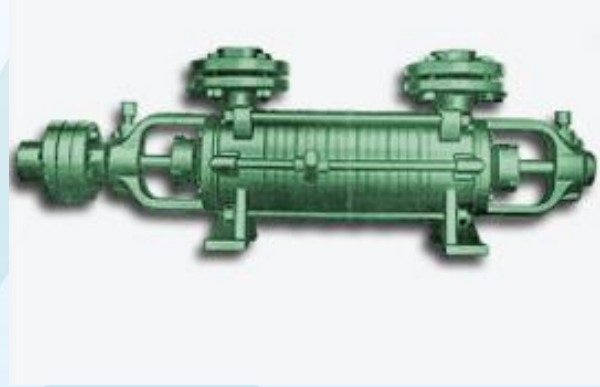
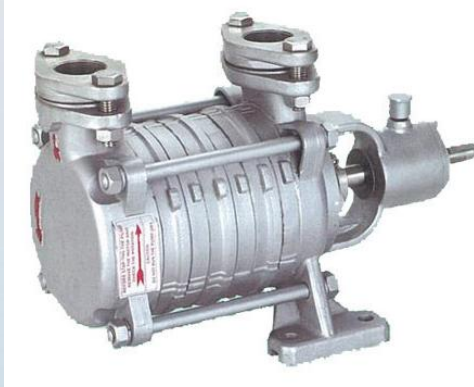




**Pumps**

## SELF PRIMING MULTI-STAGE PUMP



CARE-WELL PUMPS offers Multistage Boiler FEED Pump. These pump consists of a number of ring section diffuser casings bolted suction and delivery casing. Latest casing techniques ensure smoothness of hydraulic passages resulting in high efficiency and reliability under hazardous conditions. The enclosed impellers of the radial flow type are provided with balancing holes to balance the hydraulic axial thrust. The shaft is protected by shaft sleeve from wear in stuffing box area. The stuffing box can be sealed by gland packing or by mechanical seal with minor modification. These pumps are suitable for coupling with electric motors, IC engines or steam turbine either directly or through belt drives.

**CARE - WELL ENGINEERS**

**Industrial Pumps & Spares**

- **CWRO Pump Material of Construction**

Technical Details	
<b>Shaft sealing</b>	Gland Packing / Mechanical seal
<b>Flanges</b>	Round counter flanges are provided with threads.
<b>Bearings</b>	Shaft is supported on grease lubricated deep grooved ball bearing at both ends.
<b>Casing</b>	Closed grained cast iron (Gunmetal on option available)
<b>Impellers</b>	Dynamically balanced of manganese bronze.
<b>Shaft</b>	Made from SS-410

- **CWRO Pump Technical Specification**

**PERFORMANCE DATA: SELF PRIMING MULTISTAGE BOILER FEED PUMP**

Last figure in numerical in Model No. shows number of figures

No	Suction & Delivery	Model No.	H.P.			Discharge in Liter/Min. at 1440 RPM							
	In inch / mm		Total Head in Mt.										
1	1" x 1'	CWRO 101 B	1			LPM	10	15	25	40			
	-----		-----			METER	22	20	15	8			
	25mm x 25 mm		22			PSI	33	30	25	12			
2	1" x 1'	CWRO 102 B	1.5	1		LPM	10	15	25	40			
	-----		-----	-----			METER	44	40	30	16		
	25mm x 25 mm		44 mt	33 mt		PSI	65	60	45	25			
3	1" x 1'	CWRO 103 B	2	1.5		LPM	8	10	15	25	30	40	
	-----		-----	-----			METER	68	66	60	45	38	24
	25mm x 25 mm		68 mt	60 mt		PSI	95	90	85	65	55	35	
4	1" x 1'	CWRO 104 B	2	1.5		LPM	13	15	25	30	40		
	-----		-----	-----			METER	84	80	60	50	30	
	25mm x 25 mm		84 mt	60 mt		PSI	120	110	85	70	40		

5	1" x 1'	CWRO 105 B	3	2	LPM	12	18	27	32	43			
	-----		-----	---	---	METER	100	82	60	50	30		
	25mm x 25 mm		100 mt	84 mt	PSI	145	120	85	70	40			
6	1 1/4" x 1 1/4"	CWRO 201 B	1.5	1	LPM	12	25	35	45				
	-----		-----	---	---	METER	38	27	19	11			
	32mm x 32mm		38 mt	33 mt	PSI	55	40	27	16				
7	1 1/4" x 1 1/4"	CWRO 202 B	2	1.5	LPM	13	15	25	30	40	45		
	-----		-----	---	---	METER	75	72	56	47	28	18	
	32mm x 32mm		75 mt	36 mt	PSI	110	104	80	68	40	25		
8	1 1/4" x 1 1/4"	CWRO 203 B	3	2	LPM	7	10	15	25	35	40	45	
	-----		-----	---	---	METER	122	115	104	78	54	40	30
	32mm x 32mm		120 mt	78 mt	PSI	170	160	145	110	75	55	40	
9	1 1/4" x 1 1/4"	CWRO 204 B	5	3	LPM	9	10	15	25	30	35		
	-----		-----	---	---	METER	152	143	130	94	76	56	
	32mm x 32mm		152 mt	94 mt	PSI	220	200	180	130	105	80		
10	1 1/4" x 1 1/4"	CWRO 301 B	1.5	1	LPM	15	25	40	60				
	-----		-----	---	---	METER	42	38	31	20			
	32mm x 32mm		42 mt	21 mt	PSI	60	55	45	30				
11	1 1/4" x 1 1/4"	CWRO 302 B	2	1.5	LPM	40	60	80					
	-----		-----	---	---	METER	60	40	20				
	32mm x 32mm		60 mt	40 mt	PSI	88	58	30					
12	1 1/4" x 1 1/4"	CWRO 303 B	5	3	LPM	28	30	40		50	60	80	
	-----		-----	---	---	METER	106	102	89	75	60	30	
	32mm x 32mm		106 mt	60 mt	PSI	150	145	125	105	85	40		
13	1 1/4" x 1 1/4"	CWRO 304 B	5	3	LPM	25	40	50	50	70	75	77	
	-----		-----	---	---	METER	145	116	96	78	58	48	45
	32mm x 32mm		145 mt	70 mt	PSI	200	160	135	110	80	65	60	
14	1 1/4" x 1 1/4"	CWRO 305 BBL	7.5	5	LPM	30	45	55	70	80			
	-----		-----	---	---	METER	170	140	110	75	55		
	32mm x 32mm		170 mt	120 mt	PSI	245	200	160	108	80			



15	1 1/4" x 1 1/4"	CWRO 306 BBL	7.5	5		LPM	27	30	40	50	60	70	80
	-----		-----	-----	METER	213	205	175	145	118	90	60	
	32mm x 32mm		213 mt	120 mt		PSI	300	285	245	200	165	125	85
16	1 1/4" x 1 1/4"	CWRO 307 BBL	10	7.5	5	LPM	25	30	40	50	60	70	78
	-----		-----	----	METER	257	240	200	170	130	100	70	
	32mm x 32mm		257 mt	118 mt	107 mt	PSI	360	335	280	240	180	140	100
17	1 1/2" x 1 1/2"	CWRO 401 B	2			LPM	60	80	100	120			
	-----		-----	----	METER	27	21	15	9				
	38mm x 38 mm		27 mt			PSI	40	30	22	13			
18	1 1/2" x 1 1/2"	CWRO 402 B	3			LPM	87	100	110	125			
	-----		-----	----	METER	36	30	24	15				
	38mm x 38 mm		36 mt			PSI	52	45	35	22			
19	1 1/2" x 1 1/2"	CWRO 403 B	5	3		LPM	67	80	100	125			
	-----		-----	----	METER	76	64	45	23				
	38mm x 38 mm		76 mt	45 mt		PSI	110	90	65	30			
20	1 1/2" x 1 1/2"	CWRO 404 BBL	7.5			LPM	40	60	70	80	90		
	-----		-----	----	METER	145	116	96	78	58			
	38mm x 38 mm		145 mt			PSI	200	160	135	110	80		
21	1 1/2" x 1 1/2"	CWRO 405 BBL	10	7.5		LPM	40	50	65	85	110		
	-----		-----	----	METER	170	140	110	75	55			
	38mm x 38 mm		110 mt	80 mt		PSI	245	200	160	108	80		
22	1 1/2" x 1 1/2"	CWRO 406 BBL	12.5	10		LPM	40	50	60	75	85	100	
	-----		-----	----	METER	213	205	175	145	118	90		
	38mm x 38 mm		120 mt	90 mt		PSI	300	285	245	200	165	125	
23	1 1/2" x 1 1/2"	CWRO 407 BBL	15	12.5		LPM	35	40	55	65	80	100	
	-----		-----	----	METER	257	240	200	170	130	100		
	38mm x 38 mm		230 mt	150 mt		PSI	360	335	280	240	180	140	
24	1 1/2" x 1 1/2"	CWRO 501 BB	3	2		LPM	75	100	125	150	175	190	
	-----		-----	----	METER	33	29	24	18	12	9		
	38mm x 38 mm		33 mt	24 mt		PSI	48	42	35	26	18	14	
25	1 1/2" x 1 1/2"	CWRO 502 BB	5	3		LPM	75	100	125	150	175	200	
	-----		-----	----	METER	67	59	49	37	25	12		



	38mm x 38 mm		67 mt	30 mt		PSI	97	86	71	54	36	17	
26	1 1/2" x 1 1/2"	CWRO 503 BB	10	7.5	5	LPM	90	120	150	180	206		
	-----		-----	---	METER	90	70	52	32	15			
	38mm x 38 mm		90	75 mt	45 mt	PSI	125	100	70	45	20		
27	1 1/2" x 1 1/2"	CWRO 504 BBL	12.5	10		LPM	75	100	120	150	175	200	
	-----		-----	---	METER	122	108	95	70	50	28		
	38mm x 38 mm		122 mt	100 mt		PSI	170	150	135	100	70	40	
28	1 1/2" x 1 1/2"	CWRO 505 BBL	15	10		LPM	65	100	120	140	160		
	-----		-----	---	METER	180	150	130	100	80			
	38mm x 38 mm		170 mt	90 mt		PSI	260	215	190	145	116		
29	1 1/2" x 1 1/2"	CWRO 506 BBL	20	15		LPM	90	110	130	150	170	190	
	-----		-----	---	METER	190	167	140	113	80	40		
	38mm x 38 mm		190 mt	155 mt		PSI	270	235	195	160	110	55	
30	1 1/2" x 1 1/2"	CWRO 507 BBL	20	15		LPM	38	75	100	150	170	130	190
	-----		-----	---	METER	240	205	165	105	70	135		
	38mm x 38 mm		288 mt	175 mt		PSI	400	335	285	190	145	230	100
31	2" x 2"	CWRO 601 BBL	5	3		LPM	195	220	250	280	320	360	
	-----		-----	---	METER	33	30	26	22	16	9		
	50mm x 50mm		33 mt	15 mt		PSI	48	44	38	32	23	13	
32	2" x 2"	CWRO 602 BBL	10	7.5		LPM	180	220	260	300	330	370	
	-----		-----	---	METER	68	60	50	40	32	19		
	50mm x 50mm		68 mt	45 mt		PSI	99	87	73	58	46	28	
33	2" x 2"	CWRO 603 BBL	12.5	10		LPM	150	175	200	300	350	250	370
	-----		-----	---	METER	107	100	94	60	40	80	30	
	50mm x 50mm		75 mt	60 mt		PSI	150	140	130	85	55	110	40
34	2" x 2"	CWRO 606 BBL	25	22.5	20	LPM	220	240	260	300	320	280	340
	-----		-----	---	METER	170	165	140	108	93	124	78	
	50mm x 50mm		170	140 mt	110 mt	PSI	240	215	195	150	130	175	110



**Pumps**

## Applications:

- Boiler Feed Water.
- Irrigation Installations.
- Fire Fighting.
- Pressure Boosting.
- Fuel Pumping Handling.
- Hydraulic Press.

## Features:

- Suction & Discharge Nozzles Are Top Vertical.
- Vertically Split Suction.

## Range:

- Capacity: up to 20 m<sup>3</sup>/hr
- Size: 1" x 1" to 2" x 2"
- Speed: up to 1400 rpm
- Pressure: up to 270 kg/cm<sup>2</sup>
- M.O.C: CI/SS/BRONZE



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम



**PUMPS**

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