

## SOUTHERN CROSS CBI AUTOMATIC WATER PRESSURE SYSTEMS

304 STAINLESS STEEL PUMPS FOR AUTOMATIC WATER PRESSURE BOOSTING



### FEATURES

Easy installation and operation.

Supplied with either an anti-corrosion pressure tank with butyl diaphragm or electronic hydraulic controller.

All 304 grade stainless steel pump construction.

Supplied with sturdy stainless steel mounting foot.

Brass suction line check valve supplied.

Screwed suction and discharge connections:

CBI-2 ... 25mm (1" BSPF)  
CBI-4 ... 32mm (1 1/4" BSPF)  
x 25mm (1" BSPF)

High quality mechanical shaft seal.

TEFC motor, 2800 rpm, 240V single phase, IP54 enclosure.

Supplied with 1.8m lead and 3 pin plug.

Simple repair, servicing, maintenance and parts replacement.

### APPLICATIONS

Domestic  
Agricultural  
Light Industrial  
Pressure Boosting  
Heating and Cooling Systems  
Potable Water Supply

### PUMP CONSTRUCTION MATERIALS

Suction Chamber	304SS
Pump Housing	304SS
Intermediate Chamber	304SS
Impeller	304SS
Shaft	304SS
Shaft Seal	SiC/Carbon
Drain & Priming Plugs	304SS
Base Plate	304SS
Check Valve	Brass

### OPERATING LIMITS

Capacity	Maximum 130 l/min
Max. Pressure	550kPa (80psi)
Liquid Temp.	+4°C to +40°C
Max. Ambient Temp.	+40°C
Pumped Liquid	Clean Water

## PERFORMANCE

Model	Motor (Watts)	Full Load Amps	Pump Stages	Discharge Pressure (kPA/psi)							Tank Size	Tank Draw-off (litres)	Max no. Taps @ 22 psi
				150/22	200-29	250/36	300/44	350-51	400/58	450/65			
				Output (litres/min)									
<b>Presscontrol Units</b>													
CBI 2-30PC15	480	2.3	3	47	35	22	-	-	-	-	-	-	4
CBI 2-40PC15	570	2.6	4	54	46	39	27	15	-	-	-	-	4.5
CBI 2-50PC15	680	3.2	5	58	53	48	40	32	22	-	-	-	4.5
CBI 2-60PC22	810	3.7	6	61	57	52	48	42	36	29	-	-	5
CBI 4-40PC15	1020	4.3	4	75	60	42	25	-	-	-	-	-	6
CBI 4-50PC22	1220	5.4	5	94	84	71	57	40	24	-	-	-	7.5
CBI 4-60PC22	1450	6.2	6	102	92	84	72	59	46	32	-	-	8.5
<b>Pressure Tank Units</b>													
CBI 2-30PT8	480	2.3	3	52	39	23	-	-	-	-	8	2.5	4
CBI 2-40PT18	570	2.6	4	59	53	42	31	14	-	-	18	5.5	4.5
CBI 2-50PT18	680	3.2	5	60	57	51	43	35	23	-	18	5.5	5
CBI 2-60PT18	810	3.7	6	62	60	57	52	45	38	30	18	5.5	5
CBI 4-40PT18	1020	4.3	4	105	80	53	29	-	-	-	18	5.5	9
CBI 4-50PT18	1220	5.4	5	126	110	92	72	50	24	-	18	5.5	10.5
CBI 4-60PT18	1450	6.2	6	132	120	105	90	73	54	33	18	5.5	11

## DIMENSIONS

Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
<b>Presscontrol Units</b>				
CBI 2-30PC15	325	204	320	13.4
CBI 2-40PC15	343	204	320	13.6
CBI 2-50PC15	361	204	320	13.9
CBI 2-60PC22	419	204	320	14.1
CBI 4-40PC15	413	204	320	14.6
CBI 4-50PC22	441	204	320	15.7
CBI 4-60PC22	469	204	320	16.6
<b>Pressure Tank Units</b>				
CBI 2-30PT8	325	239	530	14.0
CBI 2-40PT18	343	275	595	15.6
CBI 2-50PT18	361	275	595	15.9
CBI 2-60PT18	419	275	595	16.1
CBI 4-40PT18	413	275	595	16.6
CBI 4-50PT18	441	275	595	17.7
CBI 4-60PT18	469	275	595	18.6



### PENTAIR SOUTHERN CROSS

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