

SOUTHERN CROSS DOMESTIC

Automatic water pressure systems



Automatic Jet Pressure Systems

The Southern Cross jet pressure pumps are designed for automatic water pressure boosting in domestic applications, light industry, washdown, rural and stock watering, where reliability, efficiency and ease of installation are important.



CBI PC Range



- Presscontrol systems (electronic hydraulic controller) for excellent pressure and flow control without a pressure tank
- All 304 grade stainless steel pump construction
- Brass suction line check valve supplied.
- High quality mechanical shaft seal
- Simple repair, servicing, maintenance and parts replacement

Applications:

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

AS/NZS
4020:2005 compliant

In-built thermal
motor protection

| Model | DISCHARGE PRESSURE (kPa) | | | | | | |
|--------------|--------------------------|-----|-----|-----|-----|-----|-----|
| | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| CBI 2-30PC15 | 47 | 35 | 22 | - | - | - | - |
| CBI 2-40PC15 | 54 | 46 | 39 | 27 | 15 | - | - |
| CBI 2-50PC15 | 58 | 53 | 48 | 40 | 32 | 22 | - |
| CBI 2-60PC22 | 61 | 57 | 52 | 48 | 42 | 36 | 29 |
| CBI 4-40PC15 | 68 | 48 | - | - | - | - | - |
| CBI 4-50PC22 | 75 | 60 | 42 | 25 | - | - | - |
| CBI 4-60PC22 | 94 | 84 | 71 | 57 | 40 | 24 | - |

| Model | Application | Watts (P1) | Pump Stages | Port Size (BSP) | |
|--------------|-------------|------------|-------------|-----------------|-----------|
| | | | | Suction | Discharge |
| | | | | | |
| CBI 2-30PC15 | | 480 | 3 | 25mm 1" F | 25mm 1" M |
| CBI 2-40PC15 | | 570 | 4 | | |
| CBI 2-50PC15 | | 680 | 5 | | |
| CBI 2-60PC22 | | 810 | 6 | | |
| CBI 4-40PC15 | | 1020 | 4 | 32mm 1 1/4" F | |
| CBI 4-50PC22 | | 1220 | 5 | | |
| CBI 4-60PC22 | | 1450 | 6 | | |

CBI PT Range



- Pressure tank systems featuring 8lt and 18lt anti-corrosion tanks with fixed Butyl diaphragm that ensures permanent isolation of water and air cushion
- Special corrosion resistant coating for clean water supply and extended tank life
- All 304 grade stainless steel pump construction
- Brass suction line check valve supplied.
- High quality mechanical shaft seal
- Simple repair, servicing, maintenance and parts replacement

Applications:

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

AS/NZS
4020:2005 compliant

In-built thermal
motor protection

| Model | DISCHARGE PRESSURE (kPa) | | | | | | |
|--------------|--------------------------|-----|-----|-----|-----|-----|-----|
| | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| CBI 2-30PT8 | 52 | 39 | 23 | - | - | - | - |
| CBI 2-40PT18 | 59 | 53 | 42 | 31 | 14 | - | - |
| CBI 2-50PT18 | 60 | 57 | 51 | 43 | 35 | 23 | - |
| CBI 2-60PT18 | 62 | 60 | 57 | 52 | 45 | 38 | 30 |
| CBI 4-40PT18 | 105 | 80 | 53 | 29 | - | - | - |
| CBI 4-50PT18 | 126 | 110 | 92 | 72 | 50 | 24 | - |
| CBI 4-60PT18 | 132 | 120 | 105 | 90 | 73 | 54 | 33 |

| Model | Application | Watts (P1) | Pump Stages | Tank Size (Litres) | Port Size (BSP) | |
|--------------|-------------|------------|-------------|--------------------|-----------------|-----------|
| | | | | | Suction | Discharge |
| | | | | | | |
| CBI 2-30PT8 | | 480 | 3 | 8 | 25mm 1" F | 25mm 1" F |
| CBI 2-40PT18 | | 570 | 4 | | | |
| CBI 2-50PT18 | | 680 | 5 | | | |
| CBI 2-60PT18 | | 810 | 6 | | | |
| CBI 4-40PT18 | | 1020 | 4 | 18 | 32mm 1 1/4" F | |
| CBI 4-50PT18 | | 1220 | 5 | | | |
| CBI 4-60PT18 | | 1450 | 6 | | | |