Regent Majorflow pumps are Australian Made close coupled end suction centrifugal motor pumps. They are designed for a wide range of applications. They are supplied with non-overloading, totally enclosed fan cooled motors and feature a back pullout design for easy maintenance.

Regent Majorflow pumps feature a radial discharge giving a variety of discharge positions and reducing the need for some pipe fittings. Their radial discharge enables them to be easily used as replacement pumps for other radial discharge models. A mechanical seal is fitted as standard and can resist liquid temperatures up to 120°C. Specific seals can also be fitted for special applications.

These pumps are available in a variety of materials and are engineered to achieve reliable long life performance.

**Design Features:**

**TEFC Motor**
Electric motors are supplied standard as totally enclosed fan cooled to reduce motor condensation and provide sufficient cooling. Other motor enclosures are available.

**Hi-Temp Seal**
Shaft seal is a seal adjusting mechanical Crane type seal adequate for temperatures to 120°C - special seals may be supplied for special applications and temperatures.

**Back Pull-out Design**
Allows the rotating element to be serviced without disturbing the pipework. Complete rotating element including motor may be withdrawn from rear without disturbing pipework.

**Eight Position Discharge**
The casing may be mounted in eight alternative discharge positions (standard supplied horizontally overshot).

**Performance**

Refer to individual curves for final selection.

**Materials:**

**Applications:**

* Cooling Towers
* Effluent
* Hot Water Circulation
* Fluid Transfer
* Machine Cooling
* Industrial Applications
**FLANGED MAJORFLOW DIMENSIONS** (Dimensions may change due to availability of motors. Do not scale).

| MODEL   | MOTOR | A | C | F1  | F2  | H1   | H2   | H3   | H4 | J1  | J2  | M1  | M2  | M3  | N1  | N2  | S1  | S2  | W   | X   | IN-LET | OUT-LET | KG  |
|---------|-------|---|---|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 65-142  | 5.5-2P| 537 | 625 | 663 | 132 | 212  | 340  | 424  | 162 | 330 | 402 | 342 | 26  | 304 | 326 | 12  | M12 | 166 | 180 | 3"   | 2 1/2" | 118 |
| 65-152  | 7.5-2P| 624 | 733 | 160 | 260 | 388  | 472  | 614  | 542 | 36  | 360 | 310 | 12  | M12 | 185 | 187 | 38  | 202 |
| 65-161  | 10.0-2P| 668 | 777 |      |     |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 65-165  | 11.0-2P| 624 | 733 | 160 | 260 | 388  | 472  | 614  | 542 | 36  | 360 | 310 | 12  | M12 | 185 | 187 | 38  | 202 |
| 65-176  | 15.0-2P| 668 | 777 |      |     |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 65-190  | 18.5-2P| 668 | 777 |      |     |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 65-195  | 2.2-4P | 536 | 539 | 100 | 180 | 313  | 397  | 162  | 330 | 402 | 342 | 26  | 304 | 256 | 12  | M12 | 123 | 160 | 3"   | 2 1/2" | 72  |
| 65-210  | 3.0-4P | 541 | 544 | 100 | 180 | 323  | 415  | 172  | 338 | 402 | 342 | 26  | 304 | 256 | 12  | M12 | 128 | 205 | 4"   | 3"    | 74  |
| 80-190  | 2.2-4P | 548 | 563 | 112 | 192 | 335  | 427  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 80-196  | 3.0-4P | 548 | 563 | 112 | 192 | 335  | 427  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 80-210  | 4.0-4P | 613 | 608 | 132 | 232 | 420  | 515  | 203  | 415 | 614 | 542 | 36  | 360 | 310 | 12  | M12 | 120 | 160 | 4"   | 3"    | 134 |
| 80-247  | 5.5-4P | 613 | 608 | 132 | 232 | 420  | 515  | 203  | 415 | 614 | 542 | 36  | 360 | 310 | 12  | M12 | 120 | 160 | 4"   | 3"    | 134 |
| 80-272  | 7.5-4P | 613 | 608 | 132 | 232 | 420  | 515  | 203  | 415 | 614 | 542 | 36  | 360 | 310 | 12  | M12 | 120 | 160 | 4"   | 3"    | 134 |
| 100-173 | 2.2-4P | 552 | 558 | 100 | 180 | 340  | 453  | 203  | 386 | 402 | 342 | 26  | 304 | 256 | 12  | M12 | 128 | 205 | 4"   | 4"    | 78  |
| 100-190 | 3.0-4P | 552 | 558 | 100 | 180 | 340  | 453  | 203  | 386 | 402 | 342 | 26  | 304 | 256 | 12  | M12 | 128 | 205 | 4"   | 4"    | 78  |
| 100-210 | 4.0-4P | 559 | 577 | 112 | 192 | 352  | 465  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 100-230 | 5.5-4P | 622 | 623 | 132 | 223 | 421  | 531  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 100-256 | 11.0-4P| 650 | 731 | 160 | 260 | 458  | 568  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 100-272 | 15.0-4P| 694 | 775 |      |     |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 100-290 | 18.5-4P| 688 | 794 | 180 | 280 | 478  | 588  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |

**SUCTION/DISCHARGE**
- **2 1/2”**
  - FLANGE OD: 165
  - PCD: 127
  - HOLE SIZE X NUMBER (DISCHARGE ONLY): M18 X 4
- **3”**
  - FLANGE OD: 185
  - PCD: 146
  - HOLE SIZE X NUMBER (DISCHARGE ONLY): M18 X 4
- **4”**
  - FLANGE OD: 215
  - PCD: 178
  - HOLE SIZE X NUMBER (DISCHARGE ONLY): M18 X 8
- **5”**
  - FLANGE OD: 255
  - PCD: 210
  - HOLE SIZE X NUMBER (DISCHARGE ONLY): M18 X 8

**HOLE SIZE X NUMBER (SUCTION ONLY)**
- 5/8"bsw X 4
- 5/8"bsw X 4
- 5/8"bsw X 4
- 5/8"bsw X 8

* Center line of front mounting holes on pump base, sit out further than the center line of pump casing.

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**Section**

Regent

Majorflow

**FLANGED MAJORFLOW DIMENSIONS** (Dimensions may change due to availability of motors. Do not scale).

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