

## ARAL PLUS C-3000 CENTRIFUGAL PUMPS



The pump series ARAL PLUS C-3000 is made in cast iron and specifically designed for public pools. Featuring a standard 2-pole motor design that operates at 3000rpm, up to 15HP.

The impeller made in bronze and all components in contact with water undergo a cataphoresis treatment, significantly extending the lifespan of the cast iron by providing a robust barrier against corrosion and oxidation, ensuring durability and sustained performance over time.

### MATERIALS

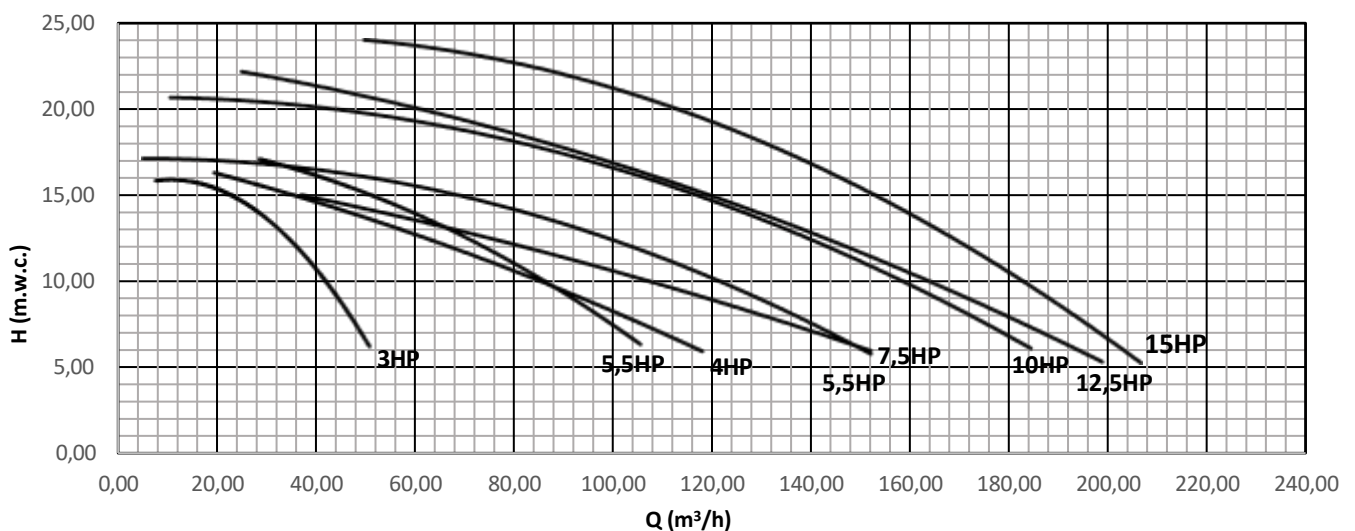
- Pump housing: Cast iron
- Shaft: Stainless steel AISI 316L
- Impeller: Bronze
- Mechanical Seal: Carbon + Ceramics
- Screws: Stainless steel AISI 304
- Pre-filter basket: AISI 316

- IP55
- Standard motor (EN IEC 60034-7)
- Cataphoresis treatment
- Flow rate: up to 210 m<sup>3</sup>/h
- Power rate: from 3HP a 15HP
- Motor: 50Hz/3000 rpm. Available also at 60Hz (code XXXX-0810)

|                                               | Code  | Standard Pack | Standard weight (kg) | Standard volume (m <sup>3</sup> ) |
|-----------------------------------------------|-------|---------------|----------------------|-----------------------------------|
| ARAL PLUS C-3000 3HP 230/400 50Hz             | 76917 | 1             | 55                   | 0,172                             |
| ARAL PLUS C-3000 4HP 230/400 50Hz             | 76918 | 1             | 68                   | 0,172                             |
| ARAL PLUS C-3000 4HP 400/690 50Hz             | 76919 | 1             | 68                   | 0,172                             |
| ARAL PLUS C-3000 5,5HP DN100-100 230/400 50Hz | 76920 | 1             | 77                   | 0,206                             |
| ARAL PLUS C-3000 5,5HP DN100-100 400/690 50Hz | 76921 | 1             | 77                   | 0,206                             |
| ARAL PLUS C-3000 5,5HP DN125-100 230/400 50Hz | 76922 | 1             | 90                   | 0,206                             |
| ARAL PLUS C-3000 5,5HP DN125-100 400/690 50Hz | 76923 | 1             | 90                   | 0,206                             |
| ARAL PLUS C-3000 7,5HP 230/400 50Hz           | 76924 | 1             | 99                   | 0,206                             |
| ARAL PLUS C-3000 7,5HP 400/690 50Hz           | 76925 | 1             | 99                   | 0,206                             |
| ARAL PLUS C-3000 10HP 400/690 50Hz            | 76926 | 1             | 104                  | 0,206                             |
| ARAL PLUS C-3000 12,5HP 400/690 50Hz          | 76927 | 1             | 113                  | 0,206                             |
| ARAL PLUS C-3000 15HP 400/690 50Hz            | 76929 | 1             | 118                  | 0,206                             |

### PERFORMANCE CURVES

### ARAL PLUS C-3000

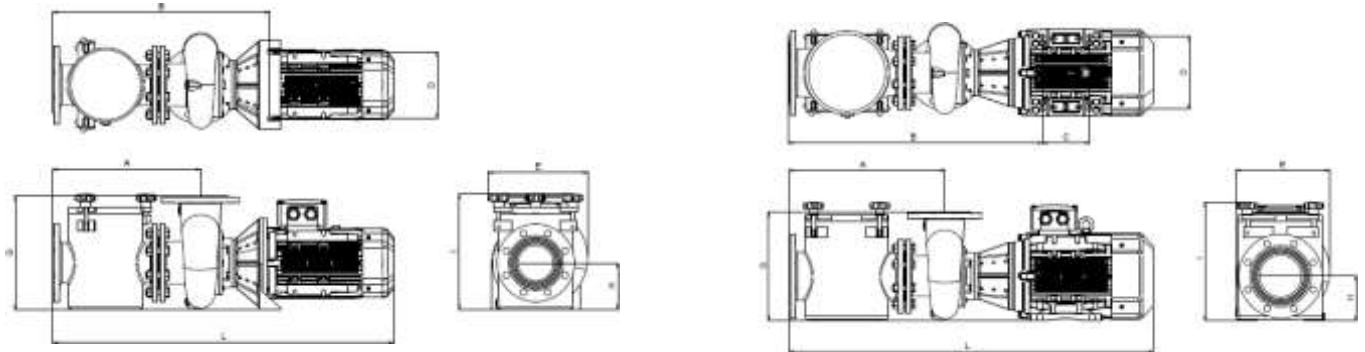


# ARAL PLUS C-3000

## CENTRIFUGAL PUMPS

76917 / 76918 / 76919 / 76920 / 76921 / 76922 / 76923

76924 / 76925 / 76926 / 76927 / 76929



### TECHNICAL FEATURES

| Code  | Power            |      |      | Suction Connection | Delivery Connection | mwc  |     |      |     |     |     |     |     |    |
|-------|------------------|------|------|--------------------|---------------------|------|-----|------|-----|-----|-----|-----|-----|----|
|       |                  |      |      |                    |                     | 6    | 8   | 10   | 12  | 14  | 16  | 18  | 20  | 22 |
|       |                  | A    | A    |                    |                     | m³/h |     |      |     |     |     |     |     |    |
| 76917 | 2.20 kW (3 HP)   | 7,6  | 4,3  | 80                 | 3" BSP              | 51   | 47  | 42   | 38  | 27  | 8   | -   | -   | -  |
| 76918 | 3 kW (4 HP)      | 9,9  | 5,7  | 100                | 100                 | 118  | 105 | 85,8 | 70  | 49  | 20  | -   | -   | -  |
| 76919 | 3 kW (4 HP)      | 5,7  | 3,3  | 100                | 100                 | 118  | 105 | 85,8 | 70  | 49  | 20  | -   | -   | -  |
| 76920 | 4.00 kW (5.5 HP) | 13,0 | 7,4  | 100                | 100                 | 106  | 99  | 85   | 76  | 58  | 41  | -   | -   | -  |
| 76921 | 4.00 kW (5.5 HP) | 7,4  | 4,3  | 100                | 100                 | 106  | 99  | 85   | 76  | 58  | 41  | -   | -   | -  |
| 76922 | 4.00 kW (5.5 HP) | 13,0 | 7,4  | 125                | 100                 | 152  | 130 | 110  | 81  | 55  | -   | -   | -   | -  |
| 76923 | 4.00 kW (5.5 HP) | 7,4  | 4,3  | 125                | 100                 | 152  | 130 | 110  | 81  | 55  | -   | -   | -   | -  |
| 76924 | 5.5 kW (7.5 HP)  | 17,6 | 10,1 | 125                | 100                 | 152  | 136 | 123  | 106 | 81  | 55  | 5   | -   | -  |
| 76925 | 5.5 kW (7.5 HP)  | 10,1 | 5,9  | 125                | 100                 | 152  | 136 | 123  | 106 | 81  | 55  | 5   | -   | -  |
| 76926 | 7.5 kW (10 HP)   | 13,5 | 7,8  | 125                | 100                 | 185  | 172 | 158  | 143 | 126 | 106 | 82  | 43  | -  |
| 76927 | 9.2 kW (12,5 HP) | 16,6 | 9,6  | 125                | 100                 | 194  | 179 | 163  | 147 | 129 | 109 | 87  | 61  | 26 |
| 76929 | 11 kW (15 HP)    | 20   | 11,5 | 125                | 100                 | 203  | 193 | 183  | 172 | 159 | 146 | 131 | 113 | 90 |

| Code  | Suction Connection | Delivery Connection | Dimensions (mm) |     |     |     |     |     |     |     |      |
|-------|--------------------|---------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|       |                    |                     | A               | B   | C   | D   | E   | G   | H   | I   | L    |
| 76917 | 80                 | 3" BSP              | 382             | 555 | -   | 140 | 268 | 263 | 132 | 327 | 857  |
| 76918 | 100                | 100                 | 419             | 616 | -   | 190 | 281 | 322 | 132 | 327 | 968  |
| 76919 | 100                | 100                 | 419             | 616 | -   | 190 | 281 | 322 | 132 | 327 | 996  |
| 76920 | 100                | 100                 | 419             | 616 | -   | 190 | 281 | 322 | 132 | 327 | 996  |
| 76921 | 100                | 100                 | 419             | 616 | -   | 190 | 281 | 322 | 132 | 327 | 996  |
| 76922 | 125                | 100                 | 464             | 661 | -   | 190 | 281 | 322 | 132 | 352 | 1041 |
| 76923 | 125                | 100                 | 464             | 661 | -   | 190 | 281 | 322 | 132 | 352 | 1041 |
| 76924 | 125                | 100                 | 464             | 756 | 140 | 216 | 281 | 322 | 132 | 352 | 1086 |
| 76925 | 125                | 100                 | 464             | 756 | 140 | 216 | 281 | 322 | 132 | 352 | 1086 |
| 76926 | 125                | 100                 | 464             | 756 | 140 | 216 | 281 | 322 | 132 | 352 | 1086 |
| 76927 | 125                | 100                 | 464             | 756 | 178 | 216 | 281 | 322 | 132 | 352 | 1108 |
| 76929 | 125                | 100                 | 464             | 756 | 178 | 216 | 281 | 322 | 132 | 352 | 1108 |

## ARAL PLUS C-1500 CENTRIFUGAL PUMPS



The ARAL PLUS C-1500 is made in cast iron and specifically designed for public pools. Its four-poles, 1.450rpm, design motor up to 25HP, is meticulously crafted for high-performance, offering large flows optimal for substantial pools while maintaining low level of noise during its operation.

All components in contact with water undergo a cataphoresis treatment, significantly extending the lifespan of the cast iron by providing a robust barrier against corrosion and oxidation, ensuring durability and sustained performance over time.

Also available with bronze impeller.

### MATERIALS

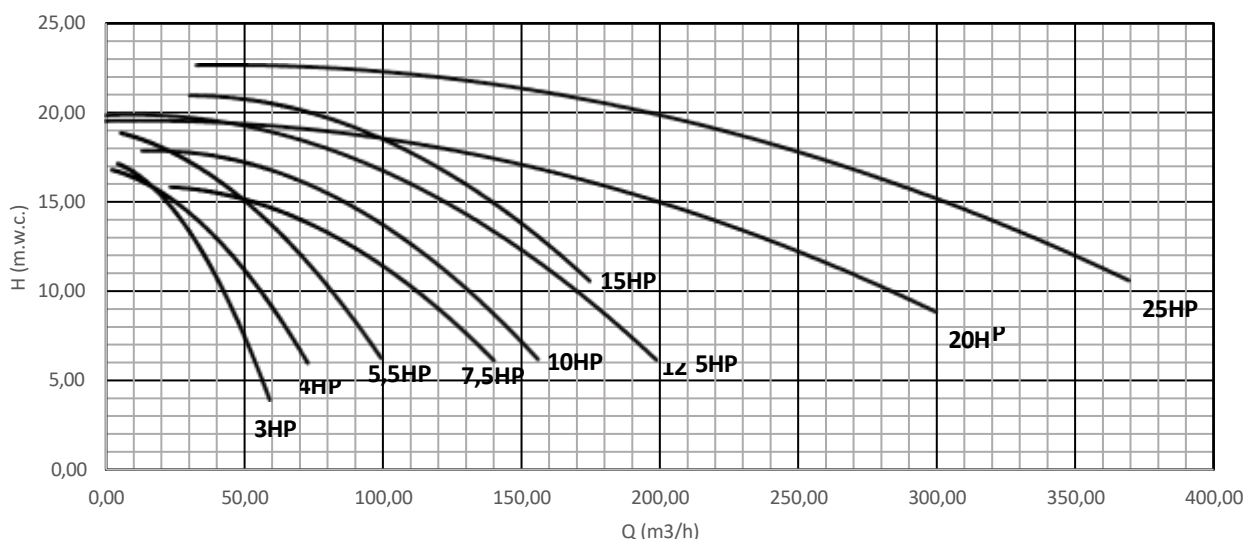
- Pump housing: Cast iron
- Shaft: Stainless steel AISI 316L
- Impeller: Cast iron (also available in bronze)
- Mechanical Seal: Carbon + Ceramics
- Screws: Stainless steel AISI 304
- Pre-filter basket: AISI 316

- IP55
- Standard motor (EN IEC 60034-7)
- Cataphoresis treatment
- Flow rate: up to 340 m<sup>3</sup>/h
- Power rate: from 3HP a 25HP
- Motor: 50Hz/1450 rpm. Available also at 60Hz (code XXXX-0810)

|                                      | Code  | Standard Pack | Standard weight (kg) | Standard volume (m <sup>3</sup> ) |
|--------------------------------------|-------|---------------|----------------------|-----------------------------------|
| ARAL PLUS C-1500 3HP 230/400 50Hz    | 76905 | 1             | 89                   | 0,244                             |
| ARAL PLUS C-1500 4HP 230/400 50Hz    | 76906 | 1             | 103                  | 0,327                             |
| ARAL PLUS C-1500 4HP 400/690 50Hz    | 76907 | 1             | 103                  | 0,327                             |
| ARAL PLUS C-1500 5,5HP 230/400 50Hz  | 76908 | 1             | 111                  | 0,327                             |
| ARAL PLUS C-1500 5,5HP 400/690 50Hz  | 76909 | 1             | 111                  | 0,327                             |
| ARAL PLUS C-1500 7,5HP 230/400 50Hz  | 76910 | 1             | 143                  | 0,327                             |
| ARAL PLUS C-1500 7,5HP 400/690 50Hz  | 76911 | 1             | 143                  | 0,327                             |
| ARAL PLUS C-1500 10HP 400/690 50Hz   | 76912 | 1             | 153                  | 0,461                             |
| ARAL PLUS C-1500 12,5HP 400/690 50Hz | 76913 | 1             | 213                  | 0,461                             |
| ARAL PLUS C-1500 15HP 400/690 50Hz   | 76914 | 1             | 243                  | 0,471                             |
| ARAL PLUS C-1500 20HP 400/690 50Hz   | 76915 | 1             | 298                  | 0,550                             |
| ARAL PLUS C-1500 25HP 400/690 50Hz   | 76916 | 1             | 314                  | 0,550                             |

### PERFORMANCE CURVES

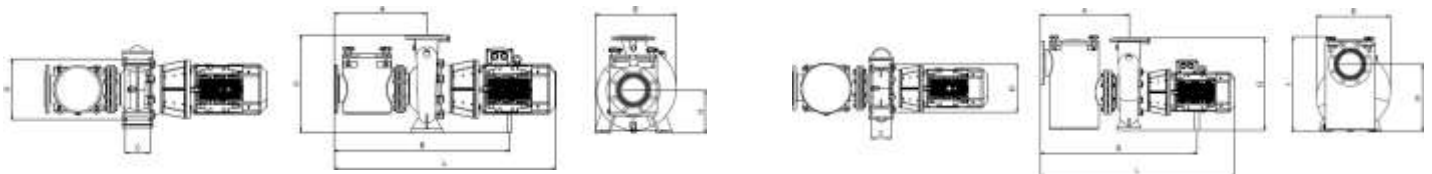
### ARAL PLUS C-1500



## ARAL PLUS C-1500 CENTRIFUGAL PUMPS

76905 / 76906 / 76907 / 76908 / 76909 / 76910 / 76911 / 76912

76913 / 76914 / 76915 / 76916



### TECHNICAL FEATURES

| Code  | Power            |      |      | Suction Connection | Delivery Connection | mwc  |     |     |     |     |     |     |     |     |
|-------|------------------|------|------|--------------------|---------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
|       |                  |      |      |                    |                     | 6    | 8   | 10  | 12  | 14  | 16  | 18  | 20  | 22  |
|       |                  | A    | A    |                    |                     | m³/h |     |     |     |     |     |     |     |     |
| 76905 | 2.20 kW (3 HP)   | 7.9  | 4.5  | 100                | 50                  | 54   | 48  | 42  | 36  | 28  | 17  | -   | -   | -   |
| 76906 | 3 kW (4 HP)      | 10.5 | 6    | 100                | 80                  | 73   | 66  | 55  | 46  | 33  | 11  | -   | -   | -   |
| 76907 | 3 kW (4 HP)      | 6.1  | 3.5  | 100                | 80                  | 73   | 66  | 55  | 46  | 33  | 11  | -   | -   | -   |
| 76908 | 4 kW (5.5 HP)    | 13.8 | 7.9  | 100                | 80                  | 99   | 91  | 82  | 70  | 58  | 42  | 19  | -   | -   |
| 76909 | 4 kW (5.5 HP)    | 7.9  | 4.6  | 100                | 80                  | 99   | 91  | 82  | 70  | 58  | 42  | 19  | -   | -   |
| 76910 | 5.5 kW (7.5 HP)  | 18.6 | 10.7 | 125                | 100                 | 140  | 128 | 114 | 97  | 67  | 23  | -   | -   | -   |
| 76911 | 5.5 kW (7.5 HP)  | 10.7 | 6.2  | 125                | 100                 | 140  | 128 | 114 | 97  | 67  | 23  | -   | -   | -   |
| 76912 | 7.5 kW (10 HP)   | 14.3 | 8.3  | 125                | 100                 | 156  | 145 | 131 | 117 | 97  | 73  | 13  | -   | -   |
| 76913 | 9.2 kW (12.5 HP) | 17.5 | 10.1 | 150                | 100                 | 199  | 185 | 170 | 154 | 131 | 112 | 77  | -   | -   |
| 76914 | 11 kW (15 HP)    | 20.4 | 11.8 | 150                | 100                 | -    | -   | 175 | 163 | 146 | 125 | 102 | 73  | -   |
| 76915 | 15 kW (20 HP)    | 27.3 | 15.8 | 200                | 125                 | -    | 299 | 287 | 260 | 222 | 175 | 126 | -   | -   |
| 76916 | 18,5 kW (25 HP)  | 33.5 | 19.4 | 200                | 125                 | -    | -   | 369 | 349 | 324 | 293 | 244 | 184 | 101 |

| Code  | Suction Connection | Delivery Connection | Dimensions (mm) |      |     |     |     |     |     |     |      |
|-------|--------------------|---------------------|-----------------|------|-----|-----|-----|-----|-----|-----|------|
|       |                    |                     | A               | B    | C   | D   | E   | G   | H   | I   | L    |
| 76905 | 100                | 50                  | 400             | 726  | 95  | 250 | 340 | 405 | 180 | -   | 908  |
| 76906 | 100                | 80                  | 425             | 815  | 130 | 315 | 404 | 480 | 200 | -   | 1024 |
| 76907 | 100                | 80                  | 425             | 815  | 130 | 315 | 404 | 480 | 200 | -   | 1024 |
| 76908 | 100                | 80                  | 425             | 823  | 130 | 315 | 404 | 480 | 200 | -   | 1053 |
| 76909 | 100                | 80                  | 425             | 823  | 130 | 315 | 404 | 480 | 200 | -   | 1053 |
| 76910 | 125                | 100                 | 486             | 922  | 130 | 315 | 426 | 505 | 225 | -   | 1163 |
| 76911 | 125                | 100                 | 486             | 922  | 130 | 315 | 426 | 505 | 225 | -   | 1163 |
| 76912 | 125                | 100                 | 486             | 933  | 130 | 315 | 426 | 505 | 225 | -   | 1185 |
| 76913 | 150                | 100                 | 586             | 1033 | 130 | 315 | 426 | 505 | 417 | 610 | 1285 |
| 76914 | 150                | 100                 | 586             | 1191 | 130 | 315 | 426 | 505 | 417 | 610 | 1394 |
| 76915 | 200                | 125                 | 668             | 1317 | 130 | 315 | 487 | 605 | 490 | 698 | 1521 |
| 76916 | 200                | 125                 | 668             | 1319 | 130 | 315 | 487 | 605 | 490 | 698 | 1578 |

## ARAL PLUS STRAINERS PRE-FILTER



Made in cast iron and strainer made in AISI-304.  
Working pressure 2 bar. Flange connection are  
manufactured in accordance with DIN-2501 Standard.

### MATERIALS

- Pre-filter housing and cover: Cast Iron.
- Strainer basket: Stainless Steel AISI-316.

|                                 | Code  | Standard Pack | Standard weight (kg) | Standard volume (m <sup>3</sup> ) |
|---------------------------------|-------|---------------|----------------------|-----------------------------------|
| ARAL PLUS STRAINER D210 65/65   | 76936 | 1             | 19,5                 | 0,035                             |
| ARAL PLUS STRAINER D210 80/2B   | 76937 | 1             | 20,5                 | 0,035                             |
| ARAL PLUS STRAINER D210 80/80   | 76938 | 1             | 20,5                 | 0,035                             |
| ARAL PLUS STRAINER D210 100/65  | 76939 | 1             | 20,5                 | 0,035                             |
| ARAL PLUS STRAINER D210 100/80  | 76940 | 1             | 21                   | 0,035                             |
| ARAL PLUS STRAINER D210 100/100 | 76930 | 1             | 21,5                 | 0,035                             |
| ARAL PLUS STRAINER D250 125/100 | 76931 | 1             | 35                   | 0,044                             |
| ARAL PLUS STRAINER D250 125/125 | 76932 | 1             | 36                   | 0,044                             |
| ARAL PLUS STRAINER D330 150/125 | 76933 | 1             | 76                   | 0,115                             |
| ARAL PLUS STRAINER D330 150/150 | 76941 | 1             | 77                   | 0,115                             |
| ARAL PLUS STRAINER D410 200/150 | 76934 | 1             | 96                   | 0,185                             |
| ARAL PLUS STRAINER D410 200/200 | 76935 | 1             | 98                   | 0,185                             |