

AQUA-SHIELD PRO®

Finned Aluminum, Totally Enclosed Fan Cooled Pool Pump Motor



Product Overview

AQUA-SHIELD PRO pool pump motors are designed with service professionals in mind. Easy to install, with a top mounted conduit box and simple voltage switch from 115/208-230V, this finned aluminum, totally enclosed fan cooled motor is built with additional layers of protection against moisture, heat and

debris which can cause damage to motors and windings. Extra protection means longer motor life and happier customers. AQUA-SHIELD PRO will be available exclusively through pool industry professionals and distributors and will not be sold online.



New Features Bring AQUA-SHIELD Motors to PRO Status

Top Mounted Conduit Box

- Easy to access wiring compartment make install easier than ever

Voltage Selection Switch

- Easily switch voltage on dual voltage models

Totally Enclosed Construction

- Prevents the intrusion of outside air, debris, and moisture which can help reduce winding failures which is the #1 cause of motor failure

Premium Powder Coating

- Provides a longer lasting finish for corrosive environments

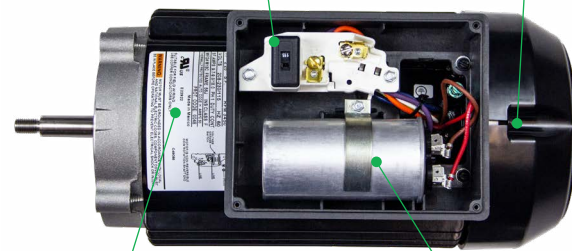
208 Voltage Rated

- Rated to operate during voltage sags and in low voltage and rural areas



Finned Aluminum Frame

- Aluminum fins are naturally corrosion resistant and help dissipate heat promoting cooler operation



Total HP Rated

- Ratings in THP make finding the direct replacement motor easy

Run Capacitor Design

- Removes the start switch which is the leading cause of a no start condition

AQUA-SHIELD PRO Specs and Cross Reference Guides



Square Flange Specs

| Total Horsepower | RPM | Volts | Frequency | THP Amps | Catalog Number | Motor Frame | Length Less Shaft | Weight |
|------------------|------|-------------|-----------|---------------|----------------|-------------|-------------------|--------|
| 1.25 | 3450 | 208-230/115 | 60 | 5.9-5.5/11.0 | TEQ125 | 48Y | 12.10 | 26.5 |
| 1.65 | 3450 | 208-230/115 | 60 | 8.1-7.2/14.4 | TEQ165 | 48Y | 13.10 | 29.5 |
| 2.25 | 3450 | 208-230/115 | 60 | 10.5-9.4/18.8 | TEQ225 | 48Y | 13.10 | 31.5 |
| 2.70 | 3450 | 208-230 | 60 | 11.6-10.5 | TEQ270 | 48Y | 12.10 | 28 |

Square Flange Cross Reference Guide

| Catalog Number | Replaces AQUA-SHIELD 48 Catalog Models | Replaces AQUA-SHIELD 56 Catalog Models | Replaces Century® 48 Frame Models | Replaces Century® 56 Frame Models |
|----------------|--|--|--|-----------------------------------|
| TEQ125 | ASQ125, AQC125 | ASB847, ASB661 | SQ1072, USQ1102, HSQ125, QC1072, UQC1102 | B2847, B2853, B661, B2661 |
| TEQ165 | ASQ165, AQC165 | ASB848, ASB841 | SQ1102, USQ1152, HSQ165, QC1102, UQC1152 | B2848, B2854, B841, B2841V1 |
| TEQ225 | ASQ225 | ASB858, ASB842 | SQ1152, USQ1202, HSQ220 | B2858, B2859, B855, B842, B2842 |
| TEQ270 | ASQ260 | ASB748, ASB843 | SQ1202, USQ1252, HSQ260 | B2748, B2840, B843, B2843 |



C-Flange Specs

| Total Horsepower | RPM | Volts | Frequency | THP Amps | Catalog Number | Motor Frame | Length Less Shaft | Weight |
|------------------|------|-------------|-----------|---------------|----------------|-------------|-------------------|--------|
| 1.25 | 3450 | 208-230/115 | 60 | 5.9-5.5/11.0 | TET125 | 56J | 12.84 | 26.5 |
| 1.65 | 3450 | 208-230/115 | 60 | 8.1-7.2/14.4 | TET165 | 56J | 12.84 | 29 |
| 2.25 | 3450 | 208-230/115 | 60 | 10.5-9.4/18.8 | TET225 | 56J | 12.84 | 31 |
| 2.75 | 3450 | 208-230 | 60 | 11.6-10.5 | TET275 | 56J | 12.84 | 28 |

C-Flange Cross Reference Guide

| Catalog Number | Replaces AQUA-SHIELD 48 Catalog Models | Replaces AQUA-SHIELD 56 Catalog Models | Replaces Century® 48 Frame Models | Replaces Century® 56 Frame Models |
|----------------|--|--|-----------------------------------|-----------------------------------|
| TET125 | AST125, ACT125 | ASB127, ASB638 | ST1072, UST1102, HST110 | B127, B228SE, B638 |
| TET165 | AST165, ACT165 | ASB128, ASB654 | ST1102, UST1152, HST150 | B128, B229SE, B654 |
| TET225 | AST225 | ASB129, ASB796 | ST1152, UST1202, HST225 | B129, B230SE, B796 |
| TET275 | AST275 | ASB130, ASB809 | ST1202, UST1252, HST275 | B130, B231SE, B809 |

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