Square Flange

Standard Efficient

THP	RPM	Voltage	Frequency	THP Amps	Catalog Number	Motor Frame	Length Less Shaft	Weight
0.65	3450	230/115	60	4.1/8.2	ASQ065	48Y	11.80	17
0.95	3450	230/115	60	5.5/11.0	ASQ095	48Y	12.05	18
1.25	3450	230/115	60	7.0/14.0	ASQ125	48Y	13.05	24
1.65	3450	230/115	60	8.5/17.0	ASQ165	48Y	13.55	27
2.25	3450	230/115	60	9.5/19.0	ASQ225	48Y	13.80	29
2.25	3450	230	60	9.5	ASQ225H	48Y	13.80	29
2.60	3450	230	60	11.2	ASQ260	48Y	13.80	30

High Efficiency

THP	RPM	Voltage	Frequency	THP Amps	Catalog Number	Motor Frame	Length Less Shaft	Weight
0.95	3450	230/115	60	5.0/10.0	AQC095	48Y	12.05	19
1.25	3450	230/115	60	6.4/12.8	AQC125	48Y	12.80	24
1.65	3450	230/115	60	7.6/15.2	AQC165	48Y	13.30	26

C-Flange

Standard Efficient

THP	RPM	Voltage	Frequency	THP Amps	Catalog Number	Motor Frame	Length Less Shaft	Weight
0.95	3450	230/115	60	5.5/11.0	AST095	56J	11.00	18
1.25	3450	230/115	60	7.0/14.0	AST125	56J	12.00	24
1.65	3450	230/115	60	8.5/17.0	AST165	56J	12.50	27
2.25	3450	230/115	60	9.5/19.0	AST225	56J	12.75	29
2.75	3450	208-230	60	12.3-11.3	AST275	56J	12.75	30

High Efficiency

THP	RPM	Voltage	Frequency	THP Amps	Catalog Number	Motor Frame	Length Less Shaft	Weight
0.95	3450	230/115	60	5.0/10.0	ACT095	56J	11.00	19
1.25	3450	230/115	60	6.4/12.8	ACT125	56J	11.75	24
1.65	3450	230/115	60	7.6/15.2	ACT165	56J	12.25	26

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Aqua-Shield EZ48®

For faster, easier pool motor installation, **Rely on US**™.

A Nidec brand

Rely on US™

Aqua-Shield EZ48®

WHY CHOOSE Aqua-Shield EZ48™

Aqua-Shield EZ48™, which joins the U.S. MOTORS® brand family of pool motors manufactured by Nidec, is designed to provide superior moisture resistance inside the motor where water and debris can damage windings and cause premature motor failure. Aqua-Shield features additional bearing protection as well. Aqua-Shield motors will continue to deliver the three layers of bearing protection provided on our motors today (double-sealed ball bearings, lip seal and water slinger). In addition, Aqua-Shield features additional bearing protection by including a new internal bearing cover which protects the drive end bearings from internal moisture. Optimized internal air flow minimizes moisture buildup inside the motor.

1 FAN

Efficiently draws in air via the ventilation holes. Moisture is spun to the outer reaches of the inner shell while air moves over the internal motor assembly for improved dryness.

2 BAFFLE

Focuses the air pulled in by the fan to move over the internal parts of the motor.

3X LIFE EXPECTANCY*

3 INTERNAL BEARING COVER

Works to keep moisture away from the internal bearing to increase life.

4 TOTAL HORSEPOWER

Motors rated for THP (Total Horsepower) only to help reduce the number of SKU's that you need to stock.

1 Voltage Change Device (Dual Voltage Motors)

Change between 115V and 230V with a simple flip of a switch.

2 Easy Access to Shaft

Used to hold on to the motor while the impeller is removed from the opposite end. On competitive motors, the shaft is difficult to access without fishing through the switch and can result in broken parts.

3 Angled Terminal Board

Allows visibility from the top down in tight quarters because many pumps are located up against a structure or near shrubbery.

4 Additional space in back end to make connections

5 Switch design protects against corrosion while location protects from external damage

Don't waste time and profit. The Aqua-Shield EZ48 is one of the easiest and quickest 48 frame motors to install on the market today.

IMPROVED AIR FLOW

Using the Aqua-Shield™ features, the redesigned fan, baffle and bearing cover work to optimize the air flow over the internal assembly of the motor. This creates a "Dry zone" that improves life expectancy by three times based on tests.