

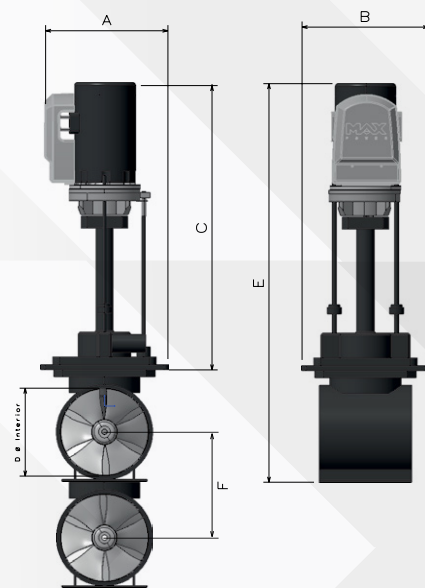
Electric Retractable Thrusters VIP 150 ELECTRIC

48V

Specifications

Code	636661
Voltage*	48V
Max Thrust at 45.6V (kgf/lbs)**	115 / 254
Max Thrust at 48V (kgf/lbs)**	122 / 268,4
Propellers	Duo
Drive Leg (material)	Bronze
Power (kw/hp)	8.56 / 11.45
Weight (kg)	40.3
A (mm)	330
B (mm)	290
C (mm)	710
D (mm)	185
E (mm)	970
F (mm)	240

Boat Type	Boat Length (feet/meter)
Heavy Displacement High Windage & Cruising	21' - 10' / 9 - 12 m
Medium Displacement Medium Windage & Fast Cruising	35' - 44' / 10,5 - 13 m
Light Displacement Light Windage & Super Fast Cruising	36' - 47' / 11 - 14 m



The VIP 150 48V is the first vertically retractable thruster in the market powered by a highly efficient 48V motor. This thruster model is an ideal solution for high performance sailing yachts or multi hull sailboats equipped with 48V electric propulsion, as it can be supplied from the same battery bank minimising the weight of the installation and the cost.

Advantages of 48V

- The increasing popularity of environmentally friendly boats with 48V electric propulsion required the development of thrusters running at the same voltage.
- Operates from 48V house bank batteries, an option which will provide space and cost savings for the boating community as smaller wires will be needed for the installation.

Unique Features



Composite drive legs



Line shields



High spec. DC contactors



High power connections



Zero maintenance



Purpose built DC motors



Unrivaled safety features



Case hardened spiro-conical

Control Panels:

MAX POWER thruster control systems include a variety of **advanced safety features**, such as:

- Childproof activation
- Automatic shutdown after 30 minutes of inactivity
- Visible and audible motor overheat warning
- Standard automatic battery isolator control
- Time delay switch between port and starboard thrust
- Software protection against short circuits



The VIP 150 48V is delivered complete with 24V black joystick, 24V control box and 25m control system cable.

* Thrusters are designed to run at 45.6V on 48V units. Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.

** Performance data is given for a thruster installed at an immersion depth of one tunnel's diameter, in a tunnel no longer than twice the tunnel's diameter, and this within a variation of + / - 6%. Longer tunnels will result in lower thrust ratings and higher power consumption.