

# VC52AS VC72AS

Simplify and maximize the ability for quick response



**130kg** Competitor  
**>101kg** Operative weight  
The lightest model in this class

Suction height **9m**  
The best suction performance in the industry (9m/30ft)

## Specification

|               | VC52AS                          | VC72AS   |  |
|---------------|---------------------------------|--|--|
| Engine        | Type                            | 2-Cycle  | 2-Cycle  |
|               | Number of Cylinder              | 2 Cylinder                                     | 2 Cylinder                                     |
|               | Cooling System                  | Suction Water Cooled                           | Suction Water Cooled                           |
|               | Bore x Stroke                   | 76 x 68 mm (2.99 x 2.68 inch)                  | 76 x 68 mm (2.99 x 2.68 inch)                  |
|               | Piston displacement             | 617 cc (37.6 cu in)                            | 617 cc (37.6 cu in)                            |
|               | Output                          | 30 kW (40.8 PS)                                | 30 kW (40.8 PS)                                |
|               | Fuel Type                       | Unleaded Gasoline (Min. 87 Octane)             | Unleaded Gasoline (Min. 87 Octane)             |
|               | Fuel Tank Capacity              | 18 Lit (4.76 gal)                              | 18 Lit (4.76 gal)                              |
|               | Fuel Consumption                | 9 Lit / Hr (2.38 gal / Hr)                     | 12 Lit / Hr (3.43 gal / Hr)                    |
|               | Fuel System                     | Single Carburetor with Auto Choke              | Single Carburetor with Auto Choke              |
| Suction       | Oil Tank Capacity               | 1.6 Lit (0.42 gal)                             | 1.6 Lit (0.42 gal)                             |
|               | Starting                        | Electric and manual                            | Electric and manual                            |
|               | Suction System                  | 4 Blade Rotary-vane vacuum pump (Oilless-type) | 4 Blade Rotary-vane vacuum pump (Oilless-type) |
| Pump          | Priming System                  | Manual   | Manual   |
|               | Pump Type                       | Single Suction, Single Stage centrifugal pump  | Single Suction, Single Stage centrifugal pump  |
|               | Suction Thread and Dia.         | JIS 3" (75mm)                                  | JIS 3" (75mm)                                  |
|               | Discharge Thread and Dia.       | JIS 2-1/2" (65mm)                              | JIS 2-1/2" (65mm)                              |
|               | Discharge Number                | Single   | Single   |
|               | Discharge Valve                 | Flat valve                                     | Flat valve                                     |
| Weight        | Dry Weight                      | 85 kg (187.39 lbs)                             | 85 kg (187.39 lbs)                             |
|               | Wet Weight                      | 101 kg (222.66 lbs)                            | 101 kg (222.66 lbs)                            |
| Dimension(mm) | Overall Length x Width x Height | 700 x 620 x 730                                | 700 x 620 x 730                                |

NOTE JIS: Japanese Industrial Standard Thread

### VC52AS

Performance at suction height 3m

1250 Lit/min at 0.6MPa (6 Bar)

1000 Lit/min at 0.8MPa (8 Bar)

600 Lit/min at 1.0MPa (10 Bar)

### Priming performance

2.3 sec at suction height 1 m

4.5 sec at suction height 3 m

9.2 sec at suction height 6 m

- Unmatched pumping performance
- 180 degree swinging single outlet
- Engine overheat protection sensor
- Robust and easy maintenance

### VC72AS

Performance at suction height 3m

1550 Lit/min at 0.6MPa (6 Bar)

1300 Lit/min at 0.8MPa (8 Bar)

950 Lit/min at 1.0MPa (10 Bar)

## Performance Curve

