



**RPC  
SERIES**



**OMEGA**  
**VI**



# OMEGA VI

## RPC SERIES

Omega VI replacement chassis unit is an ideal replacement and upgrade for the old Whalen VI unit. The chassis is a direct-drop in for a fast, simple and easy installation.

Omega chassis features modern components and Ultra Quiet sound package as standard providing the user with silent, energy efficient, and reliable year-round operation.



A matching harness connector, and factory tested and fully charged with R-410A, makes Omega the preferred replacement option.

### QUICK & EASY

Omega VI chassis is dimensionally identical to old Whalen VI unit for a quick and easy installation. Chassis comes with plug-n-play harness for connection to existing 6-pin\*, 12-pin and 15-pin electrical. Water connections match existing cabinet connections for a seamless transition.

### SAFETY

Replacement chassis comes standard with high-pressure and low-pressure safety switches to protect unit due to air-flow blockages, water flow disruptions, or motor failures. Equipped with a lock-out relay to prevent the chassis from operating after a safety switch trip. Units are ETL certified and in accordance with UL 1995 standard.

### COMFORT & RELIABILITY

Quiet and reliable operation from the use of quality components and construction. High-efficient compressors and Quiet sound package provided as standard with every chassis ensure silent year round unit operation. Low pressure bypass timer for fault-free start-ups and thermostatic expansion valve (TXV) for optimal and energy efficient operation. All new Omega units come standard with a 1-year parts and 5-year compressor warranty.

## COMPARISON CHART

| OMEGA VI       |                       |                     |
|----------------|-----------------------|---------------------|
| OMEGA MODEL    | REPLACES WHALEN MODEL | NOMINAL SIZE (TONS) |
| RPC-WH-VIA-020 | WA/G-020              | 1/2                 |
| RPC-WH-VI*-030 | WA/G-030              | 3/4                 |
| RPC-WH-VI*-040 | WA/G-040              | 1                   |
| RPC-WH-VIA-060 | WA/G-060              | 1 ½                 |
| RPC-WH-VIA-080 | WA/G-080              | 2                   |

\* Available in Gen Zero (VI0) and Gen 1-4 (VIA) versions. Gen Zero comes with harness install kit. Verify chassis dimensions at the time of order.

## STANDARD FEATURES

- Factory charged and tested
- High efficiency compressors
- High-pressure and low-pressure safety switches
- Ultra Quiet sound package - Noise Cancelling Base
- Thermostatic Expansion Valve
- R-410A refrigerant
- Refrigerant service access ports
- Heavy gauge galvanized sheet metal
- 1-Year Parts and 5-Year Compressor Warranty
- 1/2 inch hose connections
- Available in 6-pin, 12-pin & 15-pin electrical versions



Noise Cancelling Base

## OPTIONS & ACCESSORIES

- Auto-Flow Balancing valve
- Auto Shut-Off Control valve
- Geothermal Option
- Anti-Corrosion Heat Exchanger
- Hose Sets
- Gen Zero Harness Kit
- Harness Adapters

## PERFORMANCE DATA

| OMEGA MODEL        | REFRIG. | SIZE (TONS) | NOMINAL CFM | COOLING*          |                  | HEATING*          |                  | NOMINAL GPM | WPD |    |
|--------------------|---------|-------------|-------------|-------------------|------------------|-------------------|------------------|-------------|-----|----|
|                    |         |             |             | BTUH <sup>1</sup> | EER <sup>1</sup> | BTUH <sup>2</sup> | COP <sup>2</sup> |             | PSI | FT |
| RPC-WH-VIA-020     | R410A   | 1/2         | 200         | 6,500             | 12.2             | 8,000             | 4.2              | 1.5         | 4.1 | 10 |
| RPC-WH-VIA/VI0-030 |         | 3/4         | 310         | 9,900             | 12.6             | 14,100            | 4.4              | 2.5         | 4.3 | 10 |
| RPC-WH-VIA/VI0-040 |         | 1           | 475         | 13,000            | 13.3             | 16,600            | 4.4              | 3.0         | 4.5 | 10 |
| RPC-WH-VIA-060     |         | 1 ½         | 600         | 17,600            | 12.1             | 22,600            | 4.2              | 4.5         | 6.9 | 16 |
| RPC-WH-VIA-080     |         | 2           | 800         | 24,200            | 12.9             | 27,400            | 4.3              | 6.0         | 4.1 | 10 |

\* Nominal capacity performance based on 86F EWT Cooling, 68F EWT Heating and rated CFM. Includes fan power 0.365W/CFM

<sup>1</sup> Cooling performance based on 80F DB and 67F WB entering air conditions.

<sup>2</sup> Heating performance at 68F entering air.

# DIMENSIONAL DATA

| OMEGA VIA MODEL    | DIMENSIONS (INCHES) |        |    |        |    |    | WATER CONNECTION |        | WEIGHT (LBS) |
|--------------------|---------------------|--------|----|--------|----|----|------------------|--------|--------------|
|                    | A                   | B      | C  | D      | E  | F  | OUTLET           | INLET  |              |
| RPC-WH-VIA-020/030 | 11 1/8              | 21 1/4 | 15 | 12 3/8 | 15 | 22 | 1/2 HA           | 1/2 HA | 70           |
| RPC-WH-VIA-040     | 11 1/8              | 21 1/4 | 15 | 12 3/8 | 15 | 24 | 1/2 HA           | 1/2 HA | 75           |
| RPC-WH-VIA-060     | 13 1/4              | 23 3/8 | 18 | 14 1/2 | 18 | 25 | 1/2 HA           | 1/2 HA | 100          |
| RPC-WH-VIA-080     | 13 1/4              | 24 1/8 | 18 | 14 1/2 | 18 | 25 | 1/2 HA           | 1/2 HA | 115          |

| OMEGA V10 MODEL | DIMENSIONS (INCHES) |        |    |        |    |    | WATER CONNECTION |        | WEIGHT (LBS) |
|-----------------|---------------------|--------|----|--------|----|----|------------------|--------|--------------|
|                 | A                   | B      | C  | D      | E  | F  | OUTLET           | INLET  |              |
| RPC-WH-V10-030  | 11 1/8              | 21 1/4 | 14 | 12 3/8 | 15 | 22 | 1/2 HA           | 1/2 HA | 70           |
| RPC-WH-V10-040  | 11 1/8              | 21 1/4 | 14 | 12 3/8 | 15 | 24 | 1/2 HA           | 1/2 HA | 75           |

