



**RPC  
SERIES**

**WHALEN VI**

# WHALEN 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.

The Omega replacement chassis features modern components and our proprietary Ultra Quiet sound package 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.

### COMFORT & RELIABILITY

Quiet and reliable operation from the use of quality components and construction. High-efficient compressors and Ultra 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

WHALEN VI*		
OMEGA MODEL	REPLACES WHALEN MODEL	NOMINAL SIZE (TONS)
RPC-WH-VIA-030	VI-A-03/WA-3	3/4
RPC-WH-VIA-040	VI-A-04/WA-4	1
RPC-WH-VIA-060	VI-A-06/WA-6	1 ½
RPC-WH-VIA-080	VI-A-08/WA-8	2

\*Verify electrical harness connection of existing chassis prior to ordering

## STANDARD FEATURES

- Factory charged and tested
- High efficiency compressors
- High-pressure and low-pressure safety switches
- Ultra Quiet sound package
- Thermostatic Expansion Valve
- R-410A Environmentally friendly 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

## OPTIONS & ACCESSORIES

- Thermostat
- Auto-Flow Balancing valve
- Auto Shut-Off Control valve
- Geothermal Option
- Hose Sets

## 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-030	R410A	3/4	310	9,900	12.6	14,100	4.4	2.5	4.3	10
RPC-WH-VIA-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 MODEL	DIMENSIONS (INCHES)						WATER CONNECTION		WEIGHT (LBS)
	A	B	C	D	E	F	OUTLET	INLET	
RPC-WH-VIA-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

