



**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, 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

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

STANDARD FEATURES

- Factory charged and tested
- High efficiency compressors
- High-pressure and low-pressure safety switches
- Ultra Quiet sound package
- Thermostatic Expansion Valve
- 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

- 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 ¹	EER ¹	BTUH ²	COP ²		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-030		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

¹ Cooling performance based on 80F DB and 67F WB entering air conditions.

² 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-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

