

PV



PV SERIES **VARIABLE CAPACITY**

PV80VF | PV105VF | PVT175VF

INDUSTRY'S MOST INNOVATIVE HEAT PUMPS

- PV SERIES VARIABLE CAPACITY HEAT PUMPS
- SMART FAN TECHNOLOGY
- THE LOWEST SEASONAL HEATING COSTS IN THE INDUSTRY
- PROVEN SCROLL COMPRESSOR RELIABILITY
- BEST LOW TEMPERATURE PERFORMANCES



SIMPLY THE BEST HEAT PUMPS



Best Warranty



Quiet



Wifi
(Optional PV80/PV105)
Standard PVT175



Energy
efficient



PV SERIES VARIABLE CAPACITY

SMART FAN TECHNOLOGY

TECHNICAL DATA		PV SERIES VARIABLE CAPACITY					
MODEL		PV80VF		PV105VF		PVT175VF	
		STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2
(80/80/80 – AHRI) ¹	BTU / COP	57 000 / 8.6	77 000 / 7.2	80 000 / 7.8	105 000 / 6.7	95 000 / 8.0	175 000 / 6.4
(80/63/80 – AHRI) ¹	BTU / COP	52 000 / 7.9	71 000 / 6.9	75 000 / 7.3	99 000 / 6.5	90 000 / 7.6	166 000 / 6.2
(50/63/80 – AHRI) ¹	BTU / COP	37 000 / 5.1	51 000 / 4.8	50 000 / 4.8	68 000 / 4.5	65 000 / 5.6	114 000 / 4.2
REFRIGERANT		R410A					
MINIMUM / MAXIMUM BREAKER		30/30		40/50		60/60	
AMPS		8.7	13.5	14.2	19.1	15.9	35.6
DECIBEL AT 10 METERS		44	44	42	42	43	45
VENTILATION		26’’ SWEPT WING FAN BLADE -VARIABLE SPEED SMART FAN					
HEAT EXCHANGER		TITANIUM DOUBLE COIL				TITANIUM - QUAD COIL	
DEFROST MODE		PASSIVE 2 STAGE DEFROST (36°F)					
CONTROL BOARD		DIGITAL TOUCH 4 LINES X 20 CHARACTERS					
COMPRESSOR TYPE		EMERSON COPELAND VARIABLE CAPACITY SCROLL				DUAL SCROLL COMPRESSORS	
VOLTAGE		240V / 60HZ / 1 PHASE					
CABINET		INJECTED POLYPROPYLENE COMPOSITE REINFORCED WITH FIBERGLASS					
WATER FLOW (GPM)		26-80		40-80		50-100	
DIMENSIONS IN INCHES (W X L X H)		39 X 37 X 34		39 X 37 X 38		39 X 37 X 45	
WEIGHT (LBS)		225		240		395	
WATER CONNECTION		2" QUICK CONNECT FITTINGS (INCLUDED)					
POOL DIMENSIONS		UP TO 20000 GALLONS		26000 GALLONS		42000 GALLONS	



¹Rated and Certified in accordance with the AHRI 1160 Standard: Ambient Air (°F), Humidity (%) / Water Temperature (°F) at a water flow of 0.45gpm / 1000btu of capacity at the 80/63/80 btu rating. Pool Dimensions listed for reference only- Results may vary based on region, ambient air temperatures, and use of a solar blanket.

NIRVANA Heat Pumps are made to have the best performances and build quality in their categories - MORE PERFORMANCE = LESS COST day after day, year after year to keep your pool warm and enjoyable all season long. NIRVANA has the highest ranked units, according to AHRI at low temperatures, which will translate to the lowest total ownership costs in the industry.

Please visit www.AHRINET.org The coefficient of performance (COP) is the efficiency of the heat pump at transferring heat from the air into the pool water. Higher COPs equate to lower operating costs. AHRI certification ensures that the performances of the unit have been independently tested and validated.

- *Stage 1 : Eco Mode = Lower capacity and unparalleled efficiency
- *Stage 2 : Smart — Boost Mode = Higher Capacity

NIRVANA WARRANTIES	
COMPONENTS	COVERAGE
LABOR	3 YEARS
PARTS	10 YEARS

