

# PIONEER<sup>®</sup>

## Air Conditioning & Heat Pump Systems

The "right choice" for those who want the "Best"....

### WIC

## SPECIFICATIONS

(Reverse Cycle DC Inverter Split Air Conditioner)

Ductless Wall Mount Split Systems

Variable Speed Compressor



#### OPTIONAL ACCESSORIES:

- PIPING AND WIRING KIT
- CONDENSER STAND KIT
- LINE COVER KIT
- ACTIVE CHARCOAL FILTER (For Deodorizing)
- PHOTO CATALYZER FILTER (Anti Biotic and odor Remover)
- CATECHIN FILTER (Anti Viral Air Treatment)
- ELECTRONIC PLASMA FILTER

#### AVAILABLE VOLTAGES:

- A : 110~120/1/60
- G : 208~230/1/60
- W : 220~240/1/50

#### AVAILABLE REFRIGERANTS:

- F : R410A

#### AVAILABLE AMBIENT TYPES:

- A : Standard (T1)
- N : Low - Nordic/Arctic

WIC Series Product Line Up

#### STANDARD FEATURES

- DESIGNED FOR STANDARD WALL HUNG INSTALLATION
- COOLING AND REVERSE CYCLE HEATING APPLICATIONS
- LATEST DESIGN ATTRACTIVE APPEARANCE
- FULL ABS PLASTIC CASING FOR INDOOR UNITS
- REMOVABLE FLIP OPEN STYLE FRONT COVER
- WASHABLE RETURN AIR FILTER CARTRIDGES
- ANTI DISCOLORATION FORMULATED PLASTIC DYES
- MULTITUDE OF OPTIONAL AIR PURIFYING OPTIONS
- LCD SCREEN INFRARED ELECTRONIC CONTROL
- AUTO-RESTART WITH MEMORY FOR POWER OUTAGES
- "I FEEL" TEMPERATURE CONTROL
- TIMER FOR PRESET STARTING AND STOPPING
- AUTO CHANGEOVER, DRY AND FAN ONLY MODES
- SEASON SENSITIVE OPERATIONAL LOGIC
- SELF LEARNING TIME-DEMAND DEFROST
- AUTOMATIC SYNCHRONIZED DISCHARGE LOUVER
- VARIABLE AUTO SPEED PSC BLOWER MOTOR
- DIGITAL MOTOR SPEED CONTROL SYSTEM
- WHISPER QUIET INDOOR MOTOR WITH BALL BEARINGS
- HIGH AIR FLOW VOLUME FOR QUICK PERFORMANCE
- ULTRA HIGH EFFICIENCY GROOVED COPPER TUBES
- ENHANCED LOUVERED HYDROPHILIC ALUMINUM FINNS
- SPRING LOADED PIPE CONNECTIONS TO PREVENT KINKING
- DYNAMICALLY BALANCED ULTRA QUIET CROSSFLOW BLOWER
- ANTI MILDEW TREATMENT ON BLOWER WHEELS
- VERY LOW STARTING CURRENT
- HIGH OUTPUT & QUIET DC INVERTER COMPRESSOR
- ENVIRONMENTALLY FRIENDLY R410A REFRIGERANT
- LARGE CAPACITY SUCTION ACCUMULATORS
- ULTRA GALVANIZED SHEET METAL PARTS
- HEAVY COAT OF BAKED ENAMEL PAINT FOR THE OUTDOOR UNIT
- DURABLE OUTDOOR FAN WITH HIGH GLASS CONTENT
- EXTRA DURABLE, PERMANENTLY LUBRICATED OUTDOOR MOTOR
- INTERNAL OVERLOAD PROTECTION FOR MOTORS
- FLARE TYPE REFRIGERANT CONNECTIONS (QUICK CONNECT OPTION)
- FULL OPERATING CHARGE OF REFRIGERANT
- LARGE CAPACITY REFRIGERANT FILTERS
- PIPING AND WIRING THROUGH BOTTOM, SIDES OR REAR OF UNIT
- HIGHEST GRADE COMPONENTS FOR LONG LIFE EXPECTANCY
- AMPLE AVAILABILITY OF SPARE PARTS AND ACCESSORIES

# UNIT SPECIFICATIONS - WALL MOUNT DUCTLESS SPLIT SYSTEM DC INVERTER

Model Series WIC SERIES DC INVERTER		WIC015 A/GW	WIC018 A/GW	
Application		Ductless Split Wall Mount, Cooling and Heating System		
Performance Data	Cooling Capacity (BTU/Hr)	Range: Min 4,000 ~ Max 15,000	Range: Min 4500 ~ Max 18,000	
	Heating Capacity (BTU/Hr)	Range: Min 4,200 ~ Max 15,500	Range: Min 4800 ~ Max 19,000	
	SEER	15 +	15 +	
	Air Circulation (CFM)	350	450	
	Moisture Removal (Lt/Hr)	1.6	1.8	
Electrical Data:	Input Voltage	Code A : 110 - 120 / 1 / 60 - 50 Code G : 208 - 230 / 1 / 60 - Code W : 200 - 240 / 1 / 50		
	Acceptable Voltage Range	Code A : 99 ~ 132 - Code G : 187 ~ 253 - Code W : 180 ~ 264		
	Total Watts	350 W ~ 1,550 W (Nominal 900 W)	400 W ~ 1,800 W (Nominal 1,000 W)	
	Starting Current	1.1 A.	1.1 A	
	Rated Amps	Code A: 3.0 A ~ 13.0 A (Nominal 8.2 A) Code G: 1.5 A ~ 6.5 A (Nominal 4.1 A) Code W: 1.5 A ~ 6.5 A (Nominal 4.1 A)	Code A: 3.6 A ~ 14.6 A (Nominal 8.6 A) Code G: 1.8 A ~ 7.3 A (Nominal 4.3 A) Code W: 1.8 A ~ 7.3 A (Nominal 4.3 A)	
Fan Coil Unit Data:	Blower Type - Quantity	High glass content, random pitch cross flow fan for whisper quiet operation		
	Motor Type - Quantity	Single Shaft PSC - 1 (Digital Variable Speed Motors and two way data interchange)		
	Fan Motor Speeds	Variable Speed (User Selectable H/M/L Speed Options)		
	Controller	Multi function LCD wireless remote control		
	Cabinet	Ultra modern EGP plastic casing with flip-open front panel grill		
	Coil Type	Ultra high efficiency rifled copper tubes mechanically bonded to slit aluminum fins		
	Air Filtration	Washable polypropylene net + Optional additional filtering medium also available		
	Supply Air Adjustment	Automatic air deflector louvers with multiple fixed angle and auto sweep modes		
Outdoor Unit Data:	Fan Type - Quantity	Skewed design, ultra quiet type plastic propeller fan		
	Motor Type - Quantity	Totally enclosed single shaft PSC		
	Refrigerant Control	Capillary tube at outdoor unit		
	Cabinet	EGP Galvanized steel with baked enamel electrostatic powder coating		
	Coil Type	Rifled copper tubes mechanically bonded to slit aluminum fins		
Refrigerant and Drain Connections:	Liquid Line, Type - Size	Flare 1/4"	Flare 1/4 "	
	Suction Line, Type - Size	Flare 1/2"	Flare 1/2 "	
	Drain Connection Size	1/2 "		
NET Dimensions & Weight:	Fan Coil Unit	Length [mm]	780	925
		Width [mm]	180	200
		Height [mm]	260	275
		Weight [Kg]	10	12
	Outdoor Unit	Length [mm]	850	850
		Width [mm]	270	270
		Height [mm]	550	550
		Weight [Kg]	33	33
SHIPPING Dimensions & Weight:	Fan Coil Unit	Length [mm]	850	980
		Width [mm]	240	275
		Height [mm]	350	360
		Weight [Kg]	12	14
	Outdoor Unit	Length [mm]	930	930
		Width [mm]	340	340
		Height [mm]	600	600
		Weight [Kg]	36	36

NOMINAL CAPACITIES ARE BASED ON ARI CONDITIONS @ 95° F. O.A., 80° F. DB, 67° F. WB. FOR COOLING AND @ 47° F. O.A., 70° F. DB, 60° F. WB. FOR HEAT PUMP APPLICATION. CONTINUING ENGINEERING RESEARCH RESULTS IN STEADY IMPROVEMENTS. THEREFORE, THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALWAYS CONSULT EQUIPMENT NAMEPLATE FOR EXACT ELECTRICAL REQUIREMENTS.