

PIONEER®

Air Conditioning & Heat Pump Systems

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

WAD-3 / WYD-3
13 SEER SPECIFICATIONS
(WAL Cool Only, WYL Heat Pump)
Ductless Wall Mount Split Systems
(9,000 through 24,000 BTU/Hr.)

13 S.E.E.R.



Mod. 009



Mod. 012



Mod. 018



Mod. 024



OPTIONAL ACCESSORIES:

- PIPING AND WIRING KIT
- CONDENSER STAND KIT
- LINE COVER KIT

OPTIONAL AIR FILTERS:

- ACTIVE CHARCOAL FILTER (For Deodorizing)
- CATECHIN FILTER (Anti Viral Air Treatment)
- PHOTO CATALYZER FILTER (Anti Biotic and Odor Removal)
- 3M H.A.F. FILTER (Absorbs Super Fine Particles)
- VITAMIN ENRICHMENT FILTER (Creates Healthy Air)
- NANO SILVER FILTER (Superior Air Cleansing)

AVAILABLE VOLTAGES:

- A : 110V-120V/1/60 (009-013)
- G : 208-230V/1/60 (All)

AVAILABLE REFRIGERANTS:

- F : R410A ONLY



STANDARD FEATURES

- DESIGNED FOR STANDARD WALL HUNG INSTALLATION
- COOLING ONLY OR HEAT PUMP APPLICATIONS
- OPTIONAL ELECTRIC HEATER FOR HEAT PUMP VERSIONS
- 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
- TIMER FOR PRESET STARTING AND STOPPING
- AUTO CHANGEOVER, DRY AND FAN ONLY MODES
- SEASON SENSITIVE OPERATIONAL LOGIC
- SELF LEARNING TIME-DEMAND DEFROST (HEAT PUMP)
- AUTOMATIC SYNCHRONIZED DISCHARGE LOUVER
- THREE + 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 FINS
- SPRING LOADED PIPE CONNECTIONS TO PREVENT KINKING
- DYNAMICALLY BALANCED ULTRA QUIET CROSSFLOW BLOWER
- ANTI MILDEW TREATMENT ON BLOWER WHEELS
- HIGH EFFICIENCY AND PERFORMANCE
- HIGH OUTPUT & QUIET COMPRESSORS FOR ALL MODELS
- VALVE COVER FOR PIPE PROTECTION
- 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
- FULL OPERATING CHARGE OF REFRIGERANT
- STANDARDIZED CABINET DESIGN FOR ALL MODELS
- 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					Cooling Only / Heat Pump		
Model Series WAD-3 Cool Only WYD-3 Heat Pump			WAD-WYD 009 A	WAD-WYD 013 A	WAD-WYD 013 G	WAD-WYD 018 G	WAD-WYD 024 G
Application			Wall Mounted Ductless Split System, High SEER				
Performance Data	Cooling Capacity (BTU/Hr)		9,500	12,500	12,500	18,000	24,000
	Heating Capacity (BTU/Hr) (Heat Pump Models Only)		9,000	12,000	12,000	17,500	23,500
	Applicable Usage Area (Sq.Ft)		100 ~ 175	160 ~ 250	160 ~ 250	315 ~ 375	320 ~ 540
	Optional Electric Heater (H/P)		-	-	Yes (Heat Pump Only)	Yes (Heat Pump Only)	Yes (Heat Pump Only)
	Air Circulation (CFM)		325 - 350	410 - 430	410 - 430	560 - 590	650 - 650
	SEER		13.2	13.1	13.1	13.3	13.0
	HSPF		7.9	7.9	7.9	8.1	8.0
	Operating Noise dB(A) H/M/L		40 / 38 / 36	42 / 40 / 38	42 / 40 / 38	56 / 54 / 50	57 / 55 / 52
	Moisture Removal (Pint/Hr)		1.7	2.1	2.1	3.2	4.3
Electrical Data:	Input Voltage	Code A : 110 - 120 / 1 / 60 - Code G : 208 - 230 / 1 / 60					
	Acceptable Voltage Range	Code A : 99 ~ 132 - Code G : 187 ~ 253					
	Total Watts	750 - 700	1,000 - 1,000	1,000 - 1,000	1,550 - 1,500	2,050 - 2,050	
	Rated Amps	6.5 - 6.5	8.8 - 8.8	4.6 - 4.6	6.7 - 6.4	9.7 - 9.7	
Fan Coil Unit Data:	Indoor Section Model No.	WD009-AL3	WD012-AL3	WD013-AL3	WD018-GL3	WD024-GL3	
	Blower Type - Quantity	High glass content, random pitch cross flow fan for whisper quiet operation					
	Motor Type - Quantity	Single Shaft PSC - 1					
	Fan Motor Speeds	Three Speed + Auto					
	Controller	Multi function LCD wireless remote control					
	Cabinet	Ultra modern EGP plastic casing with flip-open front panel grill with Color LED Display					
	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:	Outdoor Section Model No.	AN009A-AL3	AN012-AL3	AN013-GL3	AN018-GL3	AN024-GL3	
	Fan Type - Quantity	Skewed design, ultra quiet type plastic propeller fan					
	Motor Type - Quantity	Totally enclosed single shaft PSC - 1					
	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 & Drain Connections:	Liquid Line, Type - Size	Flare 1/4 "	Flare 1/4 "	Flare 1/4 "	Flare 1/4 "	Flare 3/8 "	
	Suction Line, Type - Size	Flare 3/8 "	Flare 3/8 "	Flare 3/8 "	Flare 1/2 "	Flare 5/8 "	
	Drain Connection Size	1/2 "					
Dimensions & Weight:	Indoor Unit (Actual Dimensions)	Length [In]	31 - 1/2	35 - 3/8	35 - 3/8	40 - 5/8	48 - 7/8
		Depth [In]	7 - 3/8	8	8	8	9 - 7/8
		Height [In]	11	11	11	12 - 3/8	12 - 3/4
		Weight [Lbs]	22	24	24	31	40
	Indoor Unit (Shipping Dimensions)	Length [In]	30	30	30	35 - 1/2	35 - 1/2
		Depth [In]	10	10	10	12	14 - 1/8
		Height [In]	21 - 3/4	21 - 3/4	21 - 3/4	25 - 5/8	31 - 5/8
		Weight [Lbs]	73	75	75	130	159
	Outdoor Unit (Actual Dimensions)	Length [In]	34 - 7/8	39 - 1/8	39 - 1/8	43 - 3/8	51 - 7/8
		Depth [In]	11	11 - 3/4	11 - 3/4	11 - 7/8	13 - 3/8
		Height [In]	14 - 3/8	14 - 3/8	14 - 3/8	15 - 3/4	16 - 5/8
		Weight [Lbs]	29	31	31	37	55
	Outdoor Unit (Shipping Dimensions)	Length [In]	34	34	34	40 - 1/2	40 - 5/8
		Depth [In]	14 - 3/4	14 - 3/4	14 - 3/4	17	17 - 5/8
		Height [In]	23 -1/2	23 -1/2	23 -1/2	27 - 3/4	32 - 7/8
		Weight [Lbs]	79	82	82	148	172
Container Quantity		20'40'/40'HC	96 / 208 / 234	95 / 198 / 215	95 / 198 / 215	55 / 124 / 146	43 / 94 / 110

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.