

# PIONEER®

*Air Conditioning & Heat Pump Systems*

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

**WYE**

**15 SEER SPECIFICATIONS**

**High Efficiency DC INVERTER Heat Pump**

**Ductless Wall Mount Split Systems**

**Single Zone ( 9,000 through 22,000 BTU/Hr.)**



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 Remover)
- 3M H.A.F. FILTER (Absorbs Super Fine Particles)
- VITAMIN ENRICHMENT FILTER (Creates Healthy Air)
- NANO SILVER FILTER (Superior Air Cleansing)

**AVAILABLE VOLTAGES:**

- A : 110~120/1/60 (009~012)
- G : 208~230/1/60 (All)

**AVAILABLE REFRIGERANTS:**

- F : R410A



**15 SEER FAMILY**  
**High Efficiency**  
**DC INVERTERS**



Mod. 009



Mod. 012



Mod. 018



Mod. 024



**STANDARD FEATURES**

- DIGITAL DISPLAY WITH COLOR LED ON FRONT PANEL
- DESIGNED FOR STANDARD WALL HUNG INSTALLATION
- REVERSE CYCLE / HEAT PUMP APPLICATION
- LATEST DESIGN ATTRACTIVE APPEARANCE FLAT PANEL
- FULL ABS PLASTIC CASING FOR INDOOR UNITS
- REMOVABLE FLIP OPEN STYLE FRONT PANEL 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 LOGIC
- AUTOMATIC SYNCHRONIZED DISCHARGE LOUVER
- THREE + AUTO SPEED DIGITAL 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
- SUPERIOR EFFICIENCY RATING UNDER VARIETY OF CONDITIONS
- DYNAMICALLY BALANCED ULTRA QUIET CROSSFLOW BLOWER
- ANTI MILDEW TREATMENT ON BLOWER WHEELS
- INTERNAL NOISE AND VIBRATION ISOLATION
- HIGH OUTPUT & QUIET VARIABLE SPEED COMPRESSORS
- VERY LOW STARTING CURRENT
- 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

**PIONEER®**  
*Air Conditioning & Heat Pump Systems*

**WYE Series Product Line Up**

**PARKER DAVIS HVAC SYSTEMS, INC.**  
2260 NW 102nd. Place, Doral, Florida 33172 - U.S.A.  
Tel: (305) 513-4488 - Fax: (305) 513-4499  
Web Site: www.pd-hvac.com - email: info@pd-hvac.com

System Model Number			WYE09AMF15RL (Code:2T0032300811)	WYE09GMF15RL (Code:2T0032300897)	WYE012AMF15RL (Code:2T0032500628)	WYE012GMF15RL (Code:2T0032500608)	WYE018GMF15RL (Code:2T0032800584)	WYE024GMF15RL (Code:2T0033000455)	
Indoor Unit Model Number			WE09AMF15HLD (Code:220032308650)	WE09GMF15HLD (Code:220032309490)	WE012AMF15HLD (Code:220032506970)	WE012GMF15HLD (Code:220032506770)	WE018GMF15HLD (Code:220032805570)	WE024GMF15HLD (Code:220033004910)	
Outdoor Unit Model Number			YN09AMF15RPD (Code:220037306100)	YN09GMF15RPD (Code:220037306770)	YN012AMF15RPD (Code:220037505570)	YN012GMF15RPD (Code:220037505410)	YN018GMF15RPD (Code:220037804260)	YN024GMF15RPD (Code:220038003690)	
Power supply			Ph-V-Hz	115V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	115V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Cooling	Nominal Capacity	Btu/h	9000	9000	12000	12000	18000	22000	
	Min. and Max. Capacity Range	Btu/h	4220 ~ 13500	4220 ~ 13500	5900 ~ 17400	5900 ~ 17400	7010 ~ 20500	10800 ~ 29400	
	Nominal Input	W	900	900	1320	1320	1920	2340	
	Rated current	A	8.03	3.91	11.85	5.74	8.35	10.17	
	SEER	Btu/w	15.0	15.0	15.0	15.0	15.0	15.0	
	EER	Btu/w	10.0	10.0	9.2	9.2	9.5	9.5	
Heating	Nominal Capacity	Btu/h	9000	9000	12000	12000	18500	22000	
	Min. and Max. Capacity Range	Btu/h	5000 ~ 15200	5000 ~ 15200	6100 ~ 18200	6100 ~ 18200	7200 ~ 22500	11000 ~ 31000	
	Nominal Input	W	890	920	1320	1220	1750	2150	
	Rated current	A	7.94	4.00	11.68	5.30	7.60	9.40	
	HSPF4	Btu/w	8.2	8.2	8.2	8.2	8.2	8.2	
	COP	Btu/w	11.4	9.3	9.3	10.0	10.6	10.2	
MINIMUM CIRCUIT AMPACITY			A	19	10	20	14	16	
MAX.FUSE			A	30	30	15	20	25	
Moisture Removal			l/h	1.0	1.0	1.2	1.2	2.4	
			Pints/Day	50	50	60	90	120	
Compressor	Model		DA108X1C-23EZ	DA108X1C-23EZ	DA108X1C-23EZ	DA108X1C-23EZ	DA130M1C-31FZ	DA150S1C-20FZ	
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	
Indoor fan motor	Model		RPG15A	RPG20B	RPG15A	RPG20B	RPG28H	RPG45B	
	Brand		Welling	Welling	Welling	Welling	Welling	Broad-ocean	
	Power	W	46.0	43.0	46.0	43.0	58.5	80.5	
	Speed Control		PG Motor / SCR Control	PG Motor / SCR Control	PG Motor / SCR Control	PG Motor / SCR Control	PG Motor / SCR Control	PG Motor / SCR Control	
	RLA	A	0.45	0.15	0.45	0.15	0.25	0.35	
	LRA	A	0.63	0.23	0.63	0.23	0.40	0.60	
Winding Resistance	Ω	/	381 / 267	/	381 / 267	/	/		
Capacitor	μF	3.0	1.5	3.0	1.5	1.5	3.0		
Speed (Hi / Md / Lo)	r/min	1200 / 1050 / 850	1100 / 900 / 800	1200 / 1050 / 800	1200 / 1050 / 800	1250 / 1100 / 800	1200 / 1100 / 900		
Indoor air flow (Hi / Md / Lo)			m <sup>3</sup> /h	480 / 420 / 320	530 / 430 / 390	580 / 500 / 400	600 / 530 / 400	750 / 660 / 480	
			CFM	285 / 250 / 190	310 / 255 / 230	340 / 300 / 235	355 / 310 / 235	450 / 390 / 285	
Indoor noise level (Hi / Md / Lo)			dB(A)	39 / 35 / 29	40 / 33 / 28	39 / 35 / 29	39 / 35 / 31	42 / 39 / 31	
Indoor unit	Unit Net Dimensions (W*D*H)	mm	680 x 178 x 255	680 x 178 x 255	770 x 188 x 255	770 x 188 x 255	905 x 198 x 275	1030 x 218 x 315	
	Unit Net Dimensions (W*D*H)	Inch	26"-3/4 x 7" x 10"	26"-3/4 x 7" x 10"	30"-3/8 x 7"-5/7 x 10"	30"-3/8 x 7"-3/8 x 10"	35"-5/8 x 7"-5/7 x 10"-7/8	40"-1.2 x 8"-5/8 x 12"-3/8	
	Packing Dimensions (W*D*H)	mm	745 x 255 x 330	745 x 255 x 330	835 x 265 x 330	835 x 265 x 330	970 x 270 x 345	1115 x 395 x 300	
	Packing Packing (W*D*H)	Inch	29"-3/8 x 10" x 13"	29"-3/8 x 10" x 13"	32"-7/8 x 10"-3/8 x 13"	32"-7/8 x 10"-3/8 x 13"	38"-1/4 x 10"-5/8 x 13"-5/8	43"-7/8 x 15"-1/2 x 11"-3/4	
	Net / Gross Weight	Kg	7 / 8	7 / 8	7.5 / 9.5	7.5 / 9.5	9 / 11.5	12 / 15	
	Net / Gross Weight	Lbs.	15.5 / 17.5	15.5 / 17.5	16.5 / 21	16.5 / 21	20 / 25	27 / 33	
Outdoor fan motor	Model		YDK24-6AS	WZDK23-38G-W	YDK24-6AS	YDK24-6GB	YDK49-6B	YDK53-6FB(B)	
	Brand		Welling	Welling	Welling	Welling	Welling	Welling	
	Power	W	64 / 47	23 (Output)	64 / 47	75 / 66	119 / 96	136 / 130	
	RLA	A	3.0	0.3	3.0	2.5 / 6.0	2.5	2.5	
Speed	r/min	860 / -- / 660	950	860 / -- / 660	940 / -- / 835	860 / -- / 680	930 / -- / 830		
Outdoor air flow			m <sup>3</sup> /h	1400	1650	1400	1900	2700	
			CFM	830	970	830	1120	1600	
Outdoor noise level			dB(A)	56	56	55	57	59	
Outdoor unit	Unit Net Dimensions (W*D*H)	mm	660 x 265 x 540	700 x 240 x 540	660 x 265 x 540	780 x 250 x 540	760 x 285 x 590	845 x 320 x 700	
	Unit Net Dimensions (W*D*H)	Inch	26" x 10"-3/8 x 21"-1/4	27"-1/2 x 9"-1/2 x 21"-1/4	26" x 10"-3/8 x 21"-1/4	30"-3/4 x 9"-7/8 x 21"-1/4	29"-7/8 x 11"-1/4 x 23"-1/4	33"-1/4 x 12"-5/8 x 27"-1/2	
	Packing Dimensions (W*D*H)	mm	790 x 355 x 620	815 x 325 x 580	790 x 355 x 620	910 x 335 x 585	887 x 355 x 645	965 x 395 x 755	
	Packing Packing (W*D*H)	Inch	31"-1/8 x 14" x 24"-3/8	32"-1/8 x 12"-3/4 x 22"-7/8	31"-1/8 x 14" x 24"-3/8	35"-7/8 x 13"-1/4 x 23"	35" x 14" x 25"-3/8	38 x 15"-5/8 x 29"-3/4	
	Net / Gross Weight	Kg	29 / 32	26.5 / 28.5	30 / 32	30 / 32	37.5 / 40	47 / 50.5	
	Net / Gross Weight	Lbs.	62 / 70	58 / 63	66 / 70	66 / 70	82 / 88	103 / 112	
Refrigerant type			g	R410A / 900g	R410A / 680g	R410A / 950g	R410A / 910g	R410A / 1200g	
Refrigerant type			Ozs	R410A / 32	R410A / 24	R410A / 34	R410A / 32	R410A / 42	
Refrigerant Precharge (Sufficient For Line Length)			Ft.	25	25	25	25	25	
Additional Charge for Each Additional Ft.			Ozs.	0.16	0.16	0.16	0.16	0.32	
Design Pressure (Indoor / Outdoor)			PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	
Refrigerant Piping	Liquid Side/ Gas Side (OD)	mm	Φ 6.35 / Φ 9.52	Φ 6.35 / Φ 9.52	Φ 6.35 / Φ 12.7	Φ 6.35 / Φ 9.52	Φ 6.35 / Φ 12.7	Φ 9.52 / Φ 15.9	
		Inch	Φ 1/4" / Φ 3/8"	Φ 1/4" / Φ 3/8"	Φ 1/4" / Φ 1/2"	Φ 1/4" / Φ 3/8"	Φ 1/4" / Φ 1/2"	Φ 3/8" / Φ 5/8"	
	Max. Refrigerant Pipe Length	m	20	25	20	20	25	25	
		Ft.	65	82	65	65	82	82	
	Max. Difference in Level	m	8	10	8	8	10	10	
Connection Wiring				16AWG x 4 (Stranded)	16AWG x 4 (Stranded)	16AWG x 4 (Stranded)	16AWG x 4 (Stranded)	16AWG x 4 (Stranded)	
Thermostat Type				IR Remote Control	IR Remote Control	IR Remote Control	IR Remote Control	IR Remote Control	
Operational Temperature Range	Indoor Temperature Range (Cooling / Heating)	°C	17~30	17~30	17~30	17~30	17~30	17~30	
		°F	62~86	62~86	62~86	62~86	62~86	62~86	
	Outdoor Temperature Range (Cooling / Heating)	°C	0~50 / -15~30	0~50 / -15~30	0~50 / -15~30	0~50 / -15~30	0~50 / -15~30	0~50 / -15~30	
		°F	32~122 / 5~86	32~122 / 5~86	32~122 / 5~86	32~122 / 5~86	32~122 / 5~86	32~122 / 5~86	
Suitable Application Area			m <sup>2</sup>	18 ~ 28	18 ~ 28	28 ~ 37	28 ~ 37	37 ~ 56	
			Sq. Ft	200 ~ 300	200 ~ 300	300 ~ 400	300 ~ 400	400 ~ 600	

Specification and data listed herein are subject to change without notice due to constant product and engineering improvements. Always refer to the equipment nameplate for applicable exact information.  
Ratings are based laboratory tests, performed in accordance with the applicable AHRI Standards for Variable Speed Mini Split Single Zone Heat Pump Systems.