

FYN Series SPECIFICATIONS

Ductless Floor Standing Split Heat Pump System FYN018 - FYN060 (18,000 through 60,000 BTU/Hr.)

STANDARD FEATURES

- DESIGNED FOR STANDARD FLOOR STANDING INSTALLATION
- HEAT PUMP APPLICATION (W/BACKUP ELECTRIC HEAT)
- LATEST DESIGN ATTRACTIVE APPEARANCE
- "I FEEL" TEMPERATURE CONTROL
- TIMER FOR PRE-SET STARTING AND STOPPING
- MICOM DRY AND FAN ONLY FUNCTIONS
- LCD DISPLAY ELECTRONIC CONTROL MECHANISM
- AUTOMATIC SYNCRONIZED DISCHARGE LOUVER
- TWO + AUTO SPEED PSC BLOWER MOTOR
- ULTRA QUIET LARGE DIAMETER CENTRIFUGAL BLOWER
- HIGH OUTPUT ROTARY COMPRESSORS (FAN018 ~ FAN024)
- HIGH OUTPUT SCROLL COMPRESSORS (FAN030 ~ FAN060)
- FULL OPERATING CHARGE OF REFRIGERANT R-22
- WASHABLE RETURN AIR FILTER CARTRIDGE
- COPPER TUBE / LOUVERED ALUMINUM FIN COILS
- INDOOR UNITS WITH FULL ABS PLASTIC CASING OVER GALVANIZED STEEL FRAME
- FLARE TYPE REFRIGERANT CONNECTIONS
- PIPING AND WIRING THROUGH BOTTOM, BOTH SIDES OR REAR OF THE INDOOR UNIT
- OPTIONAL PIPING KIT WITH INSULATED COPPER TUBING SET, FLARE CONNECTIONS, INTERCONNECTING CABLING KIT

SYSTEM COMPONENTS:

- FLOOR STANDING INDOOR UNIT
- SIDE FLOW OUTDOOR UNIT

OPTIONAL ACCESSORIES:

- PIPING AND WIRING SET
- CONSENSER STAND KIT
- LINE COVER KIT
- ELECTRIC HEATER KIT

FYN018 ~ FYN024



FYN030 ~ FYN036



FYN048 ~ FYN060



F Y N 018

Floor Standing Split
 Heat Pump
 System Series
 Nominal Capacity KBTUH

G B H B

LCD Digital Built-in Controller
 Optional Heater : - = Standard, H = with Heater
 Major Design Change
 Equipment Voltage : G =208-230/1/50-60 / H = 208-230/3/60-50
 W = 200-240/1/50 / Z = 380-420/3/50

UNIT SPECIFICATIONS - FLOOR STANDING TYPE SPLITHEAT PYMP SYSTEM
Model: FYN

		018 GB WB	024 GB WB	030 GB WB / ZB	036 GB / HB WB / ZB	048 GB / HB ZB	060 GB / HB ZB	
Application		Floor Standing Type Split System						
Performance Data	Cooling Capacity (BTU/Hr)	18,000	22,600	30,000	33,000	48,000	54,000	
	Heating Capacity (BTU/Hr)	19,000	24,000	32,000	35,200	52,000	58,000	
	Optional Electric Heater (Watts)	1,500	1,500	2,000	2,000	3,000	3,000	
	Air Circulation (CFM)	600	700	800	900	1,200	1,350	
	Moisture Removal (Lt/Hr)	1.8	3.0	3.2	3.2	4.3	4.3	
Electrical Data:	Input Voltage	Code G : 208-230 / 1 / 60 or 200-220 / 1 / 50 -- Code H : 208-230 / 3 / 60 or 200-220 / 3 / 50 Code W : 200-240 / 1 / 50 -- Code Z : 380-420 / 3 / 50						
	Acceptable Voltage Range	Code G : 187 - 253 VAC -- Code H : 187 - 253 VAC Code W : 180 - 264 VAC -- Code Z : 342 - 462 VAC						
	Total Watts	2,000	2,500	3,100	3,500	5,200	5,800	
	Rated Amps	9.5 (G/W)	11.6 (G/W)	14.4 (G/W) 8.3 (H) - 4.8 (Z)	16.2 (G/W) 9.4 (H) - 5.4 (Z)	24.0 (G) 13.9 (H) - 8.0 (Z)	26.9 (G) 15.6 (H) - 8.9 (Z)	
Indoor Unit Model Number:		FN018	FN024	FN030	FN036	FN048	FN060	
Fan Coil Unit Data:	Blower Type - Quantity	Large Diameter Turbo Centrifugal Fan						
	Motor Type - Quantity	Single Shaft PSC - 1						
	Fan Motor Speeds	Two Speed + Auto						
	Controller	LCD Screen Built In Digital Control						
	Cabinet	Floor Standing or Flush-Fit Wall Recessed						
	Coil Type	Copper tubes mechanically bonded to aluminum fins						
	Air Filtration	Washable polypropylene net						
	Supply Air Adjustment	Manually Adjustable Louvers with automatic air sweep						
Outdoor Unit Model Number		AN018	AN024	AN030	AN036	AN048	AN060	
Outdoor Unit Data:	Blower Type - Quantity	Ultra quiet plastic propeller fan - 1				Ultra quiet plastic propeller fan - 2		
	Motor Type - Quantity	Single Shaft PSC - 1				Single Shaft PSC - 2		
	Fan Motor Speeds	One						
	S.E.E.R.	10.0	10.0	10.0	10.0	10.0	10.0	
	Refrigerant Control	Capillary Tube at Outdoor Unit						
	Cabinet	EGP - Epoxy Coated Galvanized Steel						
	Coil Type	Copper tubes mechanically bonded to aluminum fins						
Refrigerant & Drain Connections:	Liquid Line, Type - Size	Flare Type 1/4 "	Flare Type 3/8 "	Flare Type 3/8 "	Flare Type 3/8 "	Flare Type 1/2 "	Flare Type 1/2 "	
	Suction Line, Type - Size	Flare Type 1/2 "	Flare Type 5/8 "	Flare Type 5/8 "	Flare Type 5/8 "	Flare Type 3/4 "	Flare Type 3/4 "	
	Drain Connection, Type - Size	1/2 "						
Dimensions & Weight:	Fan Coil Unit	Depth [mm]	270	270	270	270	350	350
		Width [mm]	480	480	600	600	600	600
		Height [mm]	1,680	1,680	1,900	1,900	1,900	1,900
		Weight [Kg]	38	39	45	47	53	55
	Outdoor Unit	Depth [mm]	290	290	295	295	345	345
		Width [mm]	850	850	870	870	970	970
		Height [mm]	610	610	850	850	1,260	1,260
		Weight [Kg]	48	50	75	77	115	118

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 NAME-PLATE FOR EXACT ELECTRICAL REQUIREMENTS.