WYS-22
20.5~22.8 SEER SPECIFICATIONS
Ultra High Efficiency, DC Inverter ++ Heat Pump
Ductless Wall Mount Split Systems
Single Zone (9,000 through 24,000 BTU/Hr.)

AVAILABLE VOLTAGES:
• A : 110~120/1/60 (009-012)
• G : 208~230/1/60 (009-024)

AVAILABLE REFRIGERANTS:
• F : R410A

OPTIONAL COLOR PANELS:
• GOLD ACRYLIC PANEL
• RUBY RED ACRYLIC PANEL
• SILVER ACRYLIC PANEL

ACCESSORIES:
• PIPING AND WIRING KIT
• CONDENSER STAND KIT
• ACRYLIC COLOR PANELS
• WiFi CLOUD PROGRAMMING
• LOW HEAT (ANTIFROST MODE)
• 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)

STANDARD FEATURES
• DIGITAL BACKLIT LED DISPLAY ON FRONT PANEL
• DESIGNED FOR STANDARD WALL HUNG INSTALLATION
• REVERSE CYCLE / HEAT PUMP APPLICATION
• LATEST DESIGN ATTRACTIVE ACRYLIC 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 EC/DC 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
• EFFICIENT, PERMANENTLY LUBRICATED EC/DC 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

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### System Model Number (S Series, 22 Seer Family)
- **WYS009AMFI22RL**
- **WYS12AMFI22RL**
- **WYS009GMFI22RL**
- **WYS12GMFI22RL**
- **WYS018GMFI22RL**
- **WYS024GMFI22RL**

### System Product Code
- **22022010003774**
- **22022010003874**
- **22022010003974**
- **22022010004074**
- **22022010004174**
- **22022010004274**

### Indoor Model Number
- **WS009AMFI22HLD**
- **WS12AMFI22HLD**
- **WS009GMFI22HLD**
- **WS12GMFI22HLD**
- **WS018GMFI22HLD**
- **WS024GMFI22HLD**

### Outdoor Model Number
- **YN009AMFI22RPE**
- **YN12AMFI22RPE**
- **YN009GMFI22RPE**
- **YN12GMFI22RPE**
- **YN018GMFI22RPE**
- **YN024GMFI22RPE**

### Outdoor Product Code
- **22022014005139**
- **22022016005138**
- **22022016005339**
- **22022016005538**

### Power supply
- **Ph-VHz**
  - 115V- 60Hz, 1Ph: 208-230V- 60Hz, 1Ph
  - 208-230V- 60Hz, 1Ph: 208-230V- 60Hz, 1Ph

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<thead>
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### Capacity
- **BTU/h**
  - 9000 (3785-11941)
  - 12000 (4520-17305)

### Indoor Model Number
- **WS009AMFI22HLD**
- **WS12AMFI22HLD**
- **WS009GMFI22HLD**
- **WS12GMFI22HLD**
- **WS018GMFI22HLD**
- **WS024GMFI22HLD**

### Power supply
- **Capacity**
  - **BTU/h**
    - 9000 (3785-11941)
    - 12000 (4520-17305)

### Indoor Noise Level (Hi / Lo)
- **5.53 / 5.54 / 5.53 / 5.54 / 5.54 / 5.54**
- **8.52 / 8.52 / 8.52 / 8.52 / 8.52 / 8.52**

### Indoor Air Flow
- **m³/h**
  - 100 / 180 / 250 / 300 / 350 / 400

### Operation Temperature Range
- **Cooling / Heating**
  - **°C**
    - 0 / -15
    - 86 / 5

### Additional Charge for Each Additional Feet
- **$23.06**

### Refrigerant Type
- **R410A / 82.9**

### Connection Wiring
- **16AWG*4 Stranded, Unshielded**
- **16AWG*4 Stranded, Unshielded**
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- **16AWG*4 Stranded, Unshielded**
- **16AWG*4 Stranded, Unshielded**

### System Controller
- **Digital Wireless**

### Operation Temperature Range
- **Indoor Temperature (Cooling / Heating)**
  - **°C**
    - 13 / 32
    - 17 / 32

### Additional Charge for Each Additional Feet
- **$0.16**

### Refrigerant piping
- **Liquid Side - Gas Side**
  - **m (°C / 1/4” / 1/2”)**
    - 0.35 / 0.35 / 0.35 / 0.35 / 0.35 / 0.35

### Connection Wiring
- **16AWG*4 Stranded, Unshielded**
- **16AWG*4 Stranded, Unshielded**
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### System Controller
- **Digital Wireless**

### Operation Temperature Range
- **Indoor Temperature (Cooling / Heating)**
  - **°C**
    - 0 / -15

### Outdoor Ambient Range
- **°C**
  - 0 / -15
  - 0 / -15

### Recommended Application Area (Est.)
- **m²**
  - 18 / 28

### System Capacity
- **9000 (3785-11941)**
- **12000 (4520-17305)**

### System Controller
- **Digital Wireless**

### Operation Temperature Range
- **Indoor Temperature (Cooling / Heating)**
  - **°C**
    - 0 / -15

### Outdoor Ambient Range
- **°C**
  - 0 / -15

### Recommended Application Area (Est.)
- **m²**
  - 18 / 28

### System Capacity
- **9000 (3785-11941)**

### System Controller
- **Digital Wireless**

### Operation Temperature Range
- **Indoor Temperature (Cooling / Heating)**
  - **°C**
    - 0 / -15

### Outdoor Ambient Range
- **°C**
  - 0 / -15

### Recommended Application Area (Est.)
- **m²**
  - 18 / 28