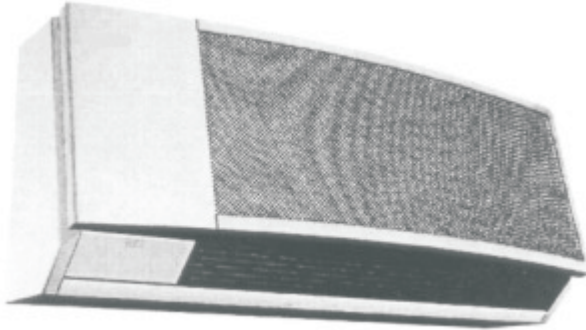




WMA

Cooling Only/Heat Pump
Nominal Circuits:
9,000 - 36,000BTU/h



Description

The **WMA** high wall evaporator combines contemporary styling with highly efficient, quiet conditioning. **WMA** units are characterized by an innovative profile featuring the perforated intake grille and manually adjustable discharge vanes. Design minimizes re-circulation, offering flexibility in locating the unit while achieving optimum air circulation.

Heat Pump models provide up to a nominal 33,000 BTU/h of cooling and 36,000 BTU/h of heating. Electric heat options are available for up to 5KW of supplemental heat. The **WMA** is a two-stage heat model when back up resistance heat is incorporated.

This all-American made evaporator offers ease of installation, operation and service. It can be matched with the single zone, RAS/HR/SHC Condensing Unit, or Comfort-Aire's Multi-Zone Outdoor Units. Refer to specifications of condenser for capacities and efficiencies.

All **Comfort-Aire** products are subject to ongoing development programs; design and specifications may change without notice.

Capacities/Efficiency

The **WMA** produces system SEER's exceeding 10.0.

Coil

Coil is seamless, copper tubing, arranged in staggered configuration, with enhanced aluminum fins, tested to 460 psig. The tubes are mechanically expanded for secure bonding to fin shoulder.

Materials of Construction

Cabinet:

- Fabricated of cold roll steel, with structural stiffeners
- High impact polystyrene air inlet panel with perforated steel inlet grille
- Discharge grille is high temperature Noryl

Air Systems:

Fan/Motor:

- Fan in tangential type, directly mounted to the motor shaft
- Motor is PSC type with overload protection

Air Stream Surfaces:

- Insulated with ¼" fiberglass or 1/8" Volara

Filter:

- Permanent electrostatic, washable, user accessible

Refrigeration Circuit

The units are equipped with Distributor/Piston Expansion tubes.

Controls/Components

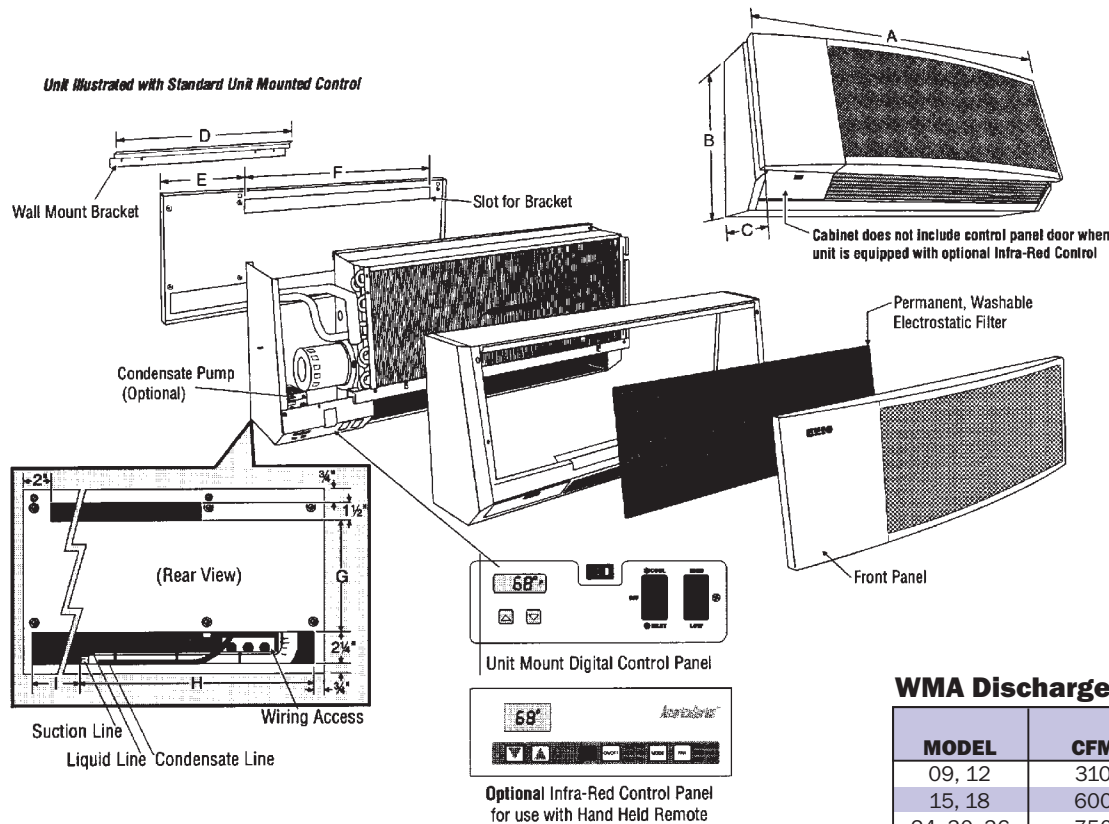
Controls/components installed at the factory or supplied, include:

- Relays and connections for condensing unit
- Unit mounted operating controls:
 - Thermostat - post purge fan control
 - Fan speed control
 - Heat/Cool switch when applicable
 - Digital set point display
- Constant or Cycling Fan Switch
- Hanger mounting kit
- Electric heat with automatic reset high temperature cutout, when heat option is selected

System Options

- Full Function Hand Held Infra-red Controller
- Controls and relays for 24V remote thermostat (Factory wired, sold separately)
- Condensate Pump (MCP field installed)

— The Ductless Split Systems Of Choice —



WMA Observed Sound Values, 230V High Speed Fan

MODEL	BELS
09, 12,	48
15, 18	51
24, 30, 36	54

WMA Discharge Air Speed & Throw

MODEL	CFM	COIL	FPM	THROW/FT.
09, 12	310	Dry	960	16
15, 18	600	Dry	1,412	26
24, 30, 36	750	Dry	1,400	25

WMA Physical Dimensions and Piping Specifications

MODEL	WIDTH "A"	WIDTH "B"	DEPTH "C"	WIDTH "D"	WIDTH "E"	WIDTH "F"	WIDTH "G"	WIDTH "H"	WIDTH "I"	SHIPPING WEIGHT	REF LINE SIZES	
											LIQUID	SUCTION
09, 12	36 1/2"	141/2"	10 3/4"	22"	9"	24 1/2"	8"	18"	16"	85	1/4"	1/2"
15	47 1/2"	141/2"	10 3/4"	32"	10"	34 1/2"	8"	18"	27"	115	1/4"	5/8"
18	47 1/2"	141/2"	10 3/4"	32"	10"	34 1/2"	8"	18"	27"	115	3/8"	5/8"
24, 30	57 1/2"	141/2"	10 3/4"	42"	10"	44 1/2"	8"	27"	28"	115	3/8"	3/4"
36	57 1/2"	17"	11 3/4"	42"	10"	44 1/2"	10 1/2"	25"	28 1/2"	115	3/8"	3/4"

WMA Electrical Specifications, Cooling Only

MODEL	VOLTAGE	HERTZ	FAN FLA	MIN (1) AMPACITY	MAX (1) FUSE
WMA 09-12	208/230	60	.34	.43	15
WMA 15-18	208/230	60	.56	.7	15
WMA 24-30	208/230	60	.56	.7	15
WMA 36	208/230	60	.56	.7	15

WMA Electrical Heat Options

KW	HEATER AMPS	TOTAL AMPS	MIN. CIR. AMPS	MAX FUSE
3	13.1	13.5	16.8	20
3	13.1	13.6	17	20
5	21.7	22.3	27.9	30
5	21.7	22.3	27.9	30

(1) If electric heaters are installed, use ampacity rating and max fuse from Heater Options Chart.

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