

Air Handling Guide

Terms & Options



<u>MODEL</u>	<u>DEFINITION</u>
DF-Dirty Filter Indicator	A pressure sensing switch monitors filter resistance when filters are dirty or clogged and energizes indicator light mounted on the control panel.
EFMS-Exhaust Fan Motor Starter	Contactors and overload relay are mounted in the master control panel to protect fan motor from an overload condition.
HDB-Heavy Duty Blower	Blower provided for high air flow and/or static application with pillow block bearings and angle iron frame.
HG-High Gas Pressure Regulator	A full lockup type gas regulator capable of reducing line pressure to below one half P.S.I. outlet pressure with inlet pressures to ten P.S.I.
INH-Insulated Housing	One inch fiberglass insulation is secured inside the unit downstream of the burner to prevent condensation and for sound attenuation.
MAX 14/21 Maxitrol Series 14 Maxitrol Series 21	Electronic discharge temperature control monitors temperature discharge at blower and modulates to maintain set temperature. Temperature may be adjusted remote from unit.
MID-Motorized Inlet Damper	Outside air damper mounted internal to unit, motorized to keep outside air from coming through unit when not in operation.
MWS-Mild Weather Stat	Outdoor air monitoring thermostat mounted at intake of supply air unit, de-energizes burner when outside air temperature exceeds a pre-set temperature.
R 80/20-Recirculation	Recirculation option for tempered supply air controls building pressure and provides supplemental tempered air by using a dual damper arrangement to control recirculated air. Minimum of 20% outside air required.
RCP-Remote Control Panel	Control panel mounted remote from unit with required controls. Standard panel includes summer/off/winter switch and indicator lights with optional temperature dial and dirty filter indicator. Other options available on Deluxe Panel.
SAF-Side Access Filter	A V-bank filter section with access from side of unit, one inch cleanable filters mounted on rigid slide rails.
UV-Ultraviolet Flame Detection	Burner flame operation is monitored through an ultraviolet flame sensor, as opposed to standard flame rod.
VII-Vibration Isolators-Internal	Rubber in shear isolators are provided, mounted on an angle iron frame to isolate the blower and motor.
VV-Variable Volume	System provides dual air volumes through unit to supplement building requirements by using either a high/low volume damper or a two speed motor arrangement.