

Simplicity Control Features and Options Guide

Control Features and Factory / field installed options	Simplicity Elite (25-40 ton Packaged Rooftop)	Intelli-Comfort II (Option for 3-25 Ton CV and VFD Packaged Rooftops)	Intelli-Comfort (Option for 3-25 Ton CV Packaged Rooftops)	Simplicity 1a/Lite (Standard on 3 - 25 Ton Packaged and 7.5 - 50 Ton Commercial Splits)
Supply Air Temp (SAT)	S	S	S	N/A
Return Air Temp (RAT)	S	S	S	N/A
Outside Air Temp (OAT)	S	S	S	N/A
Space Temp (SPT)	FI	FI	FI	N/A
Outside Humidity (OAH)	FA	FI	FI	N/A
Return Air Humidity (RAH)	FA	FI	FI	N/A
Humidity Control (CV Only)	CFWA	CFWA	CFWA	N/A
Inside IAQ Sensor - Demand Ventilation	FI	FI	FI	N/A
Outside IAQ Sensor - Differential Demand Ventilation	N/A	CFWA	CFWA	N/A
Sensor Override Option	N/A	CF	N/A	N/A
Close the Economizer on bad Outside Air Quality	N/A	CFWA	CFWA	N/A
Maximum Damper Position for IAQ Operation	CFWA	CFWA	CFWA	N/A
Low ambient economizer minimum position	CF	CF	CF	N/A
Filter Status	FA	FA, FI	FA, FI	N/A
Fan Proving	S	FI	FI	N/A
Intelligent Recovery (Morning Warm-up and Cool-Down for CV Only)	CF	CF	CF	N/A
Comfort Ventilation Control	CF	CF	CF	N/A
Hot Gas Reheat Control	N/A	CF	CF	N/A
VAV Morning Warm-up	CF	CF	N/A	N/A
VAV Occupied Heating	CF	CF	N/A	N/A
Direct Control of Supply VFD	CF	CF	N/A	N/A
Direct Control of Exhaust VFD	CF	CF	N/A	N/A
Duct Over Pressure Shut down CF (VAV Only)	CF	CF	N/A	N/A
Hot Water Coil Freeze Stat and Operation to keep Coil from Freezing	CF	CF	N/A	N/A
Two Daily Schedules for each of the 7 days	CF	CF	CF	N/A
20 Holiday Schedules	CF	CF	CF	N/A
Supply Air Temp Monitoring and Control	CF	CF	CF	N/A
Lockout Heating on Outside Air Temperature	CF	CF	CF	N/A
Lockout Cooling on Outside Air Temperature	CF	CF	CF	N/A

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Dry Bulb Economizer Operation	CF	CF	CF	N/A
Enthalpy Economizer Operation	CFWA	CFWA	CFWA	N/A
Differential Enthalpy Economizer Operation	CFWA	CFWA	CFWA	N/A
Economizer minimum set point adjustment	CF	CF	N/A	N/A
Monitor High Pressure Switches Independent for each circuit	CF	CF	CF	CF
Monitor Low Pressure Switches Independent for each circuit	CF	CF	CF	CF
Monitor Heating Safety Limits	CF	CF	CF	CF
Monitor Freeze Stats Independent for each circuit	CF	CF	CF	CF
Lead Lag Equalize Compressor Runtime	CF	CF	CF	CF
Pre-Occupancy Purge	CF	CF	CF	N/A
Anti-Short Cycle Delay (5 Minutes)	CF	CF	CF	CF
Minimum Runtime (3 Minutes)	CF	CF	CF	CF
Low Voltage Compressor Protection	CF	CF	CF	CF
Cooling and Heating Fan Delays	CF	CF	CF	CF
Smoke Purge Input	CF	CF	CF	CF
Shut Down Input	CF	CF	CF	CF
365 day Real Time Clock	CF	CF	CF	N/A
Timed Unoccupied Override Function	CF	CF	CF	N/A
Stores last 5 Alarms	CF	CF	CF	CF
Space Temperature Alarm	CF	CF	CF	N/A
Supply Air Temperature Alarm	CF	CF	CF	N/A
Simplicity Linc Connection for BACnet Communication	FA,FI	FA,FI	FA,FI	N/A
Modbus Communication	CF	CF	CF	CF

S = Standard

FA = Factory installed Accessory

FI = Field installed Accessory

CF = Standard Control Feature

CFWA = Control Feature with Accessory

N/A = Not Applicable

CV = Constant Volume

VAV = Variable Air Volume

VFD = Variable Frequency Drive