

Settings in **bold** must be set to this value. Other settings are suggested. N/A = Not applicable for this application.

Single Stage Fossil Fuel with A/C

F or C..... Fahrenheit
Priority..... Automatic
Zone 1 Stat TypeHeat/Cool
Zone 1 Weight..... N/A
Zone 2 Weight..... N/A
Zone 3 Weight..... N/A
Zone 4 Weight..... N/A
AH Stage Threshold..... N/A
Heat Stage N/A
Cooling Stage N/A
Balance Point.....Lock-in
Resistance Lockout..... N/A
HP High Limit..... N/A
Aux High Limit140
Cooling Low Limit..... 42
Backup Fuel Type.....Fossil Fuel
Backup Control Fan..... TRUE
Dehum Voltage24
Secondary Purge.....60
Dehum Cycle Time.....set as needed
CON Lockout Temp50
Rev Valve Energized..... N/A
Balance Point for Elec.....FALSE
Demo ModeFALSE

Multi-Stage Fossil Fuel with A/C

F or C..... Fahrenheit
Priority..... Automatic
Zone 1 Stat TypeHeat/Cool
Zone 1 Weight.....set as needed
Zone 2 Weight.....set as needed
Zone 3 Weight.....set as needed
Zone 4 Weight.....set as needed
AH Stage Threshold.....set as needed
Heat Stage N/A
Cooling Stage55
Balance Point.....Lock-in
Resistance Lockout..... N/A
HP High LimitN/A
Aux High Limit140
Cooling Low Limit..... 42
Backup Fuel Type.....Fossil Fuel
Backup Control Fan..... TRUE
Dehum Voltage24
Secondary Purge.....60
Dehum Cycle Time.....set as needed
CON Lockout Temp50
Rev Valve Energized..... N/A
Balance Point for Elec.....FALSE
Demo ModeFALSE

Multi-Stage Dual Fuel

F or C..... Fahrenheit
Priority..... Automatic
Zone 1 Stat Type HP or Heat/Cool
Zone 1 Weight.....set as needed
Zone 2 Weight.....set as needed
Zone 3 Weight.....set as needed
Zone 4 Weight.....set as needed
AH Stage Threshold.....set as needed
Heat Stage88
Cooling Stage55
Balance Point.....30
Resistance Lockout..... N/A
HP High Limit.....120
Aux High Limit140
Cooling Low Limit..... 42
Backup Fuel Type.....Fossil Fuel
Backup Control Fan..... TRUE
Dehum Voltage24
Secondary Purge.....60
Dehum Cycle Time.....set as needed
CON Lockout Temp50
Rev Valve Energized.....set as needed
Balance Point for Elec.....FALSE
Demo ModeFALSE

Single-Stage Heat Pump with Electric Backup

F or C..... Fahrenheit
Priority..... Automatic
Zone 1 Stat Type HP or Heat/Cool
Zone 1 Weight..... N/A
Zone 2 Weight..... N/A
Zone 3 Weight..... N/A
Zone 4 Weight..... N/A
AH Stage Threshold..... N/A
Heat Stage88
Cooling Stage N/A
Balance Point..... N/A
Resistance Lockout..... Lock In
HP High Limit120
Aux High Limit140
Cooling Low Limit..... 42
Backup Fuel Type.....Electric
Backup Control Fan..... FALSE
Dehum Voltage24
Secondary Purge.....60
Dehum Cycle Time.....set as needed
CON Lockout Temp50
Rev Valve Energized.....set as needed
Balance Point for Elec.....set as needed
Demo ModeFALSE

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Multi-Stage Heat Pump with Electric Backup

F or C.....	Fahrenheit
Priority.....	Automatic
Zone 1 Stat Type	HP or Heat/Cool
Zone 1 Weight.....	set as needed
Zone 2 Weight.....	set as needed
Zone 3 Weight.....	set as needed
Zone 4 Weight.....	set as needed
AH Stage Threshold.....	set as needed
Heat Stage	88
Cooling Stage	55
Balance Point.....	N/A
Resistance Lockout.....	Lock In
HP High Limit.....	120
Aux High Limit.....	140
Cooling Low Limit.....	42
Backup Fuel Type.....	Electric
Backup Control Fan.....	FALSE
Dehum Voltage.....	24
Secondary Purge.....	60
Dehum Cycle Time.....	set as needed
CON Lockout Temp	50
Rev Valve Energized.....	set as needed
Balance Point for Elec.....	set as needed
Demo Mode	FALSE

Inverter with Electric Backup

F or C.....	Fahrenheit
Priority.....	Automatic
Zone 1 Stat Type	HP or Heat/Cool
Zone 1 Weight.....	set as needed
Zone 2 Weight.....	set as needed
Zone 3 Weight.....	set as needed
Zone 4 Weight.....	set as needed
AH Stage Threshold.....	set as needed
Heat Stage	80
Cooling Stage	55
Balance Point.....	30
Resistance Lockout.....	25
HP High Limit.....	120
Aux High Limit.....	140
Cooling Low Limit.....	42
Backup Fuel Type.....	Electric
Backup Control Fan.....	FALSE
Dehum Voltage.....	24
Secondary Purge.....	0
Dehum Cycle Time.....	set as needed
CON Lockout Temp	50
Rev Valve Energized.....	set as needed
Balance Point for Elec.....	set as needed
Demo Mode	FALSE

Dual Fuel with Inverter Heat Pump

F or C.....	Fahrenheit
Priority.....	Automatic
Zone 1 Stat Type	HP or Heat/Cool
Zone 1 Weight.....	set as needed
Zone 2 Weight.....	set as needed
Zone 3 Weight.....	set as needed
Zone 4 Weight.....	set as needed
AH Stage Threshold.....	set as needed
Heat Stage	80
Cooling Stage	55
Balance Point.....	set as required*
Resistance Lockout	equal to balance point*
HP High Limit.....	120
Aux High Limit.....	140
Cooling Low Limit.....	42
Backup Fuel Type.....	Electric*
Backup Control Fan.....	TRUE
Dehum Voltage.....	24
Secondary Purge.....	0
Dehum Cycle Time.....	set as needed
CON Lockout Temp	50
Rev Valve Energized.....	set as needed
Balance Point for Elec.....	TRUE*
Demo Mode	FALSE

* NOTES

Inverter heat pumps are designed to run for an extended period and often lower supply temperatures. The HeatPumPro upstages to fossil fuel after a 6-minute run cycle if the "Heat Stage Threshold" is not met. Non-standard settings are needed to overcome this. The HeatPumPro needs to think there is an electric heater providing an OAT lockout on W1 while still changing from heat pump to fossil fuel when meeting balance point where the heat pump won't maintain.

Balance Point OAT and Resistance Lockout must be set to the same temperature, with Backup Fuel Type "Electric" and Balance Point for Elec "TRUE." This will keep the gas furnace from engaging during extended run cycles but also provide an ODT changeover from heat pump to fossil fuel.