

Suggested Settings

Settings in **bold** must be set to this value. Other settings are suggested.

Single Stage Fossil Fuel with A/C

F or C..... Fahrenheit
 Priority..... Automatic
Zone 1 Stat TypeHeat/Cool
 Zone 1 Weight..... Default N/A
 Zone 2 Weight..... Default N/A
 Zone 3 Weight..... Default N/A
 Zone 4 Weight..... Default N/A
 AH Stage Threshold..... Default N/A
 Heat Stage Default N/A
 Cooling Stage Default N/A
Balance Point.....Lock-in
 Resistance Lockout..... Default N/A
 HP High Limit..... Default N/A
 Aux High Limit 140
 Cooling Low Limit..... 42
Backup Fuel Type.....Fossil Fuel
 Backup Control Fan..... TRUE
 Dehum Voltage 24
 Secondary Purge..... 60
 Dehum Cycle Time..... set as needed
 CON Lockout Temp 50
 Rev Valve Energized..... Default 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 Default N/A
 Cooling Stage 55
Balance Point.....Lock-in
 Resistance Lockout..... Default N/A
 HP High Limit..... Default N/A
 Aux High Limit 140
 Cooling Low Limit..... 42
Backup Fuel Type.....Fossil Fuel
 Backup Control Fan..... TRUE
 Dehum Voltage 24
 Secondary Purge..... 60
 Dehum Cycle Time..... set as needed
 CON Lockout Temp 50
 Rev Valve Energized..... Default 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 Stage 88
 Cooling Stage 55
 Balance Point..... 30
 Resistance Lockout..... Default N/A
 HP High Limit..... 120
 Aux High Limit 140
 Cooling Low Limit..... 42
Backup Fuel Type.....Fossil Fuel
 Backup Control Fan..... TRUE
 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.....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..... Default N/A
 Zone 2 Weight..... Default N/A
 Zone 3 Weight..... Default N/A
 Zone 4 Weight..... Default N/A
 AH Stage Threshold..... Default N/A
 Heat Stage 88
 Cooling Stage Default N/A
 Balance Point..... Default 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 ModeFALSE

Suggested Settings

Settings in **bold** must be set to this value. Other settings are suggested.

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.....	Default 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.