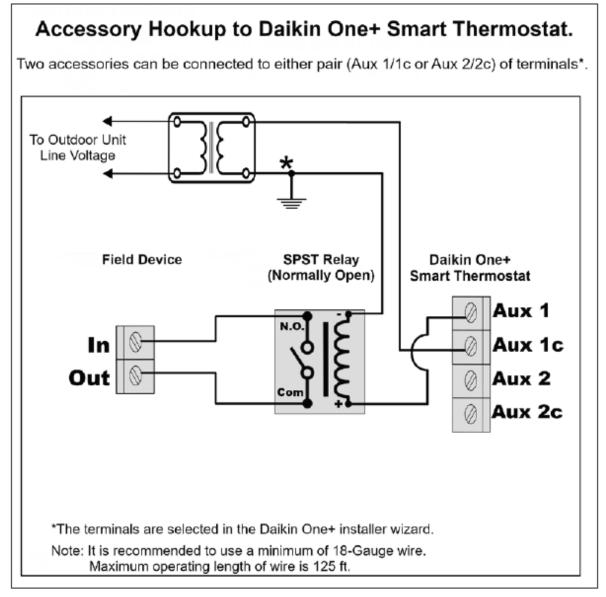
Aux Heater wiring

P1P2 Or S21



- Aux heat is supported in P1P2 (VRV, SkyAir) and S21 (single/multi-split) systems
- The aux heat source cannot require the indoor unit fan, just controlled from the thermostat.
- The thermostats Aux outputs are dry contacts that close the connection to turn on the aux equipment.
- A 24V AC control signal must be routed through the aux contacts.



- An aux heat source can be added in the "Equipment Setup" menu using "add equipment".
- The Aux heat can be setup as primary or the secondary source of heat. Once added, Emergency heat mode will also be added to the system mode menu.
- Setup Aux heat source
 - Click on Add equipment / aux Heat source
 - Select Connection: select aux1 or aux 2 based on Wiring connection to AUX heater
 - **Default:** heat pump is primary heat source.
 - Select control to adjust parameters

< 🌶 Daikin	< equipment setup		< add equipment		aux heat source		< equipment setup	
smart thermostat		>	air quality sensor	>	connection aux 1 >		indoor unit	CXTQ48TASBLU >
setup 	load residential field settings	>	aux heat source	>	heat pump is primary heat source		load residential field	I settings >
✓ 1 communication →		>	filter box	>	aux is primary heat source		outdoor unit	RXSQ48TAVJU >
\checkmark 2 personalization \rightarrow	standard filter	>	HEPA filter	>	control >		aux heat source	>
3 equipment setup \rightarrow	add equipment	Ð					group address	>
4 system optimization \rightarrow							airnet address	>
5 preferences \rightarrow							standard filter	>
complete setup →							~	
	previous step next step				cancel add equipment		previous step	next step



P1P2 Or S21

Set-up of Heat Pump as Primary Heat Source

 Note: the heat pump lockout and the AUX heat lockout are based on the ambient temperature data. The Ambient temperature data is communicating to the ONE+ through the weather service, therefore the Wi-Fi connection is necessary for AUX heat logic to execute.

aux heat source	< control	< heat pump lockout	< aux heat lockout	< control		
connection aux 1 >	heat pump lockout disabled	enable heat pump lockout	enable aux heat lockout	heat pump lockout 15°F >		
heat pump is primary heat source	aux heat lockout disabled)	Lock out HP below this temperature:	Locks out AUX heat above this temperature, unless HP not operational.	aux heat lockout 50°F >		
aux is primary heat source	Ton/Toff -3°F/1°F)	10 15 °F 20 Must be at least 10°F below aux heat lockout temp.	45 50 °F 55 Must be at least 10°F above heat pump lockout temp.	Ton / Toff -3°F / 1°F >		

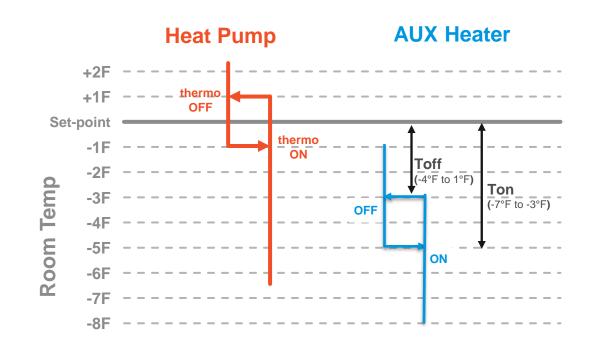


Operation with Heat Pump as Primary Heat Source

P1P2 Or S21

Heat pump is primary heat source

- Heat pump lockout adjustable from -20°F to 65°F in 5°F increments. (default 15°F)
- Aux heat lockout adjustable from -10°F to 75°F in 5°F increments. (default 50°F)
- Aux heat demand
 - Ton differential -7°F to -3°F in 1°F increments (default -3°F)
 - Toff differential -4°F to 1°F in 1°F increments (default 1°F)





aux heat source			
connection	aux1 >		
heat pump is primary heat source			
aux is primary heat source	\bigcirc		
control	>		
cancel add	equipment		

15°F >
, i i
-2°F >
-1°F / 1°F >

heat pump lockout
enable heat pump lockout

ock out HP below this temperature:	
10	



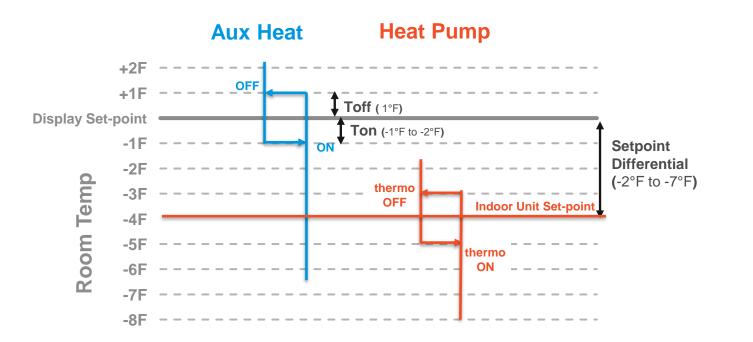


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Operation with Aux Heat as Primary Heat Source

Aux. is primary heat source

- Heat pump lockout adjustable from -20°F to 65°F in 5°F increments. (default 15°F)
- Setpoint differential -9°F, -7°F, -4°F, and -2°F (default -2°F)
- Aux heat demand
 - Ton differential -1°F to -2°F (default -1°F)
 - Toff differential 1°F fixed





P1P2 Or S21

Independent Aux Heater Operation

• The aux heater operates independently from the master's mode.

