

Daikin One+ Thermostat Commissioning Menu Outline for Unitary Equipment, v2.7.10 software

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Default	Display only?	Conditions		
welcome	english	(radio buttons)				english				
	español									
	française									
equipment type	use large font	(checkbox)				unchecked				
	continue									
	unitary (radio button)	cancel continue				unitary				
single/multi-split (S21) (radio button)										
VRV, SkyAir, single/multi-split (P1P2) (radio button)										
setup	continue									
	begin setup	(to smart thermostat setup with 5 main steps below)								
	setup options	factory reset								
1. Communication	learn more	firmware (version #) check for update								
	equipment type	unitary mini/multi-split (S21) VRV, SkyAir, mini/multi-split (P1/P2)				unitary				
	wifi	use wifi networks (list of available networks) internet connected (tickmark) Daikin One Cloud connected (tickmark) legal notices	search again	(text) (text) (text)			Yes Yes Yes	Only appears when "use wifi" selected Only appears when connected to active wifi network. Only appears if successfully connect to internet.		
2. Personalization	language	english español française				english				
	use large font	(checkbox)				unchecked				
	date & time	(month, day, and year selection)							set automatically when connect to WiFi.	
		(hour, minute, and am/pm selection)							set automatically when connect to WiFi.	
		use 24-hour time format					disabled			
	time zone	(list of time zones)				Pacific		set automatically when connect to mobile app.		
name	main room upstairs downstairs hallway bedroom kitchen other (other name)	(text entry for other)				main room				
degree units	fahrenheit celsius					fahrenheit				
Air Conditioner (model # from CT)	Specifications	Model #					Yes	If scan successful		
		Serial #					Yes			
		Control Software Version					Yes			
		Inverter Software Version					Yes	Inverter only		
		Number of cool stages					Yes			
		Number of heat stages					Yes	Will display for AC, as "0" stages.		
		Tonnage					Yes			
		Cool Settings	Cool Airflow Trim	Low speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15, 20, 30, Max			Inverter AC only, but not with 24V furnace adaptor Fit AC from Mar. 2020, but not with 24V furnace adaptor
				Intermediate speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15, 20, 30, Max			Inverter AC only, but not with 24V furnace adaptor Fit AC from Mar. 2020, but not with 24V furnace adaptor
				High speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15			Inverter AC only, but not with 24V furnace adaptor Fit AC from Mar. 2020, but not with 24V furnace adaptor
	Cool Profiles		Profile A Profile B Profile C Profile D						Not available with 24V furnace adaptor	
	Cool Airflow ON Delay		5, 10, 20, 30s							
	Cool Airflow OFF Delay		30, 60, 90, 120s							
	Max compressor RPS							Yes	Inverter only	
	RPS offset		0 to 20 in 0.5 RPS steps						Inverter only	
	Dehumidification		Off, On Off, Standard, A, B, C (maximum)						Fit AC from Mar. 2020	
	Heat Pump (model # from CT)		Specifications	Model #					Yes	
		Serial #						Yes		
		Control Software Version						Yes		
		Inverter Software Version						Yes	Inverter only	
		Number of cool stages						Yes		
		Number of heat stages						Yes		
		Tonnage					Yes			
		Cool Settings	Cool Airflow Trim	Low speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15, 20, 30, Max			Inverter HP only Fit HP from Mar. 2020
				Intermediate speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15, 20, 30, Max			Inverter HP only Fit HP from Mar. 2020
				High speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15			Inverter HP only Fit HP from Mar. 2020
	Cool Profiles		Profile A Profile B Profile C Profile D						2-stage models only	
	Cool Airflow ON Delay	5, 10, 20, 30s								
	Cool Airflow OFF Delay	30, 60, 90, 120s								
	Max compressor RPS						Yes	Inverter only		
Max RPS offset	0 to 20 in 0.5 RPS steps						Inverter only			
Dehumidification	Off, On Off, Standard, A, B, C (maximum)						Fit HP from Mar. 2020			
Heat Settings	Heat Airflow Trim	Low speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15			Inverter HP only Fit HP from Mar. 2020		
		Intermediate speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15			Inverter HP only Fit HP from Mar. 2020		
		High speed trim			-15% to 15% in 3% increments -15%, -10, -5, 0, 5, 10, 15			Inverter HP only Fit HP from Mar. 2020		
		Heat Airflow ON Delay	5, 10, 15s					2-stage models only HP only		

3. Equipment Setup

	Heat Settings	Heat Airflow OFF Delay	30, 50, 70, 90s				HP only		
		Backup Defrost Heat	always on; always off; below temperature: 35°F, 40°F, 45°F, 50°F, 55°F, 60°F, 65°F;					Fit Heat Pump only	
		Defrost Interval	30, 60, 90, 120 min					HP only	
		Defrost Compressor Delay	0, 5, 15, 30s					2-stage HP only	
		Max compressor RPS				Yes		Inverter only	
		Max RPS offset	0 to 20 in 0.5 RPS steps					Inverter only	
		Heat Pump Settings	heat pump lockout temp	-20°F to 65°F in 5°F increments			15°F		If also heater kit or gas furnace indoor unit. Not displayed here for dual-fuel systems.
			aux heat lockout temp -or- balance point	-10°F to 75°F in 5°F increments			50°F		If also electric or gas heat, "balance point" is for dual-fuel systems.
		Furnace (model # from CT)	Specifications	Model #				Yes	
				Serial #				Yes	
Control Software Version						Yes			
number of heat stages						Yes			
Size/Capacity						Yes		Not 24V furnace adaptor	
Blower Motor Size						Yes		Not 24V furnace adaptor	
Heat Settings	Gas Heat Airflow Trim		-15% to 15% in 3% increments -10% to 10% in 2% increments					Modulating furnace only 2-stage furnace only, not 24V furnace adaptor	
	Gas Heat Airflow ON Delay		5 to 30s in 5s increments					Modulating and 2-stage furnaces, not 24V furnace adaptor	
	Gas Heat Airflow OFF Delay		30 to 180s in 30s increments					Modulating and 2-stage furnaces, not 24V furnace adaptor	
	Heat CFM Taps		Tap A Tap B Tap C Tap D					Modulating and 2-stage furnaces, not ULN furnace or 24V furnace adaptor	
Humidifier Relay	Humidification Mode		Off On with heat and hum On with hum					2-stage furnace only (not mod, ULN, or 24V furnace adaptor)	
	Humidification Fan Speed		25, 50, 75, 100%					2-stage furnace only (not mod, ULN, or 24V furnace adaptor), only when "independent selected."	
Aux Alarm	On/Off						2-stage furnace only (not mod)		
Air Handler or Blower (model # from CT)	Specifications		Model #				Yes		
			Serial #				Yes		
		Control Software Version				Yes			
		Blower Motor Size				Yes			
	Heater Kit	Is a heater kit installed?	Yes/No			No		non-DVPEC/DVFEC (used to confirm heater kit installed matching heater kit settings on PCB).	
		Size (kW)	0, 3, 5, 6, 8, 10kW				Yes	non-DVPEC/DVFEC	
			0, 5, 6, 8, 10, 15, 19kW				No	DV25PEC, DV24FEC	
			0, 5, 6, 8, 10, 15, 20kW				No	DV37PEC, DV38FEC, DV42FEC	
			0, 5, 6, 8, 10, 15, 20, 25kW				No	DV59PEC, DV48FEC	
		Electric Heat Airflow Trim	0% to 10% in 2% steps					DVPEC/DVFEC (EEV) models only	
	-10% to 10% in 2% steps						non-DVPEC/DVFEC CT models (with TXV)		
	Humidifier Relay	Humidifier Enable with Blower	None					DVPEC/DVFEC only	
		Humidification Mode	Off On Independent					DVPEC/DVFEC only, if humidifier selected aboveonly when "independent" selected.	
		Humidification Fan Speed	25, 50, 75, 100%					DVPEC/DVFEC only, if humidifier selected in top menu	
	Aux Alarm	On/Off					non-DVPEC/DVFEC air handlers and blowers.		
Coil (model # from CT)	Configuration	Serial #				Yes			
		Software Version				Yes			
Media filter	Number of filters	1, 2			1				
	Remove equipment	Do you want to remove this equipment?	Cancel Continue						
Add Equipment	air quality sensor								
	24V AC Condenser						Mod or 2-stage furnace only (not 1-stage ULN furnace), if no communicating AC or HP		
	Humidifier						Can only add 1 of each type.		
	Dehumidifier								
	Aux heat source								
	UV bulb								
	HEPA filter								
	Electronic filter								
Zone board									
Indoor air quality sensor	Remove equipment	Do you want to remove this equipment?	Cancel Continue						
24V AC Condenser	Cool Settings	Cool CFM	18, 24, 30, 36, 42, 48, 60 kBTUs cooling						
		Cool Airflow Trim	-15% to 15% in 3% increments -10% to 10% in 2% increments				Modulating furnace only 2-stage furnace only		
		Cool Profiles	Profile A Profile B Profile C Profile D						
		Cool Airflow ON Delay	5, 10, 20, 30s 1, 5, 10, 20, 30s				Modulating furnace only 2-stage furnace only		
		Cool Airflow OFF Delay	30, 60, 90, 120s 0, 30, 60, 90, 120s				Modulating furnace only 2-stage furnace only		
	Remove equipment	Do you want to remove this equipment?	Cancel Continue						
Humidifier	Connection	Aux1					If humidifier added.		
		Aux2							
	Control	On with heat On with heat and hum On with hum			On with heat and hum call				
	Fan speed	25% 50% 75% 100%							
	number of pads	1, 2							
Remove equipment	Do you want to remove this equipment?	Cancel Continue							
Dehumidifier	Connection	Aux1					If dehumidifier added.		
		Aux2							
	Control	On with cool On with cool and dehum On with dehum On with no cool and dehum			On with dehum				
	Fan speed	0% 25% 50% 75% 100%			100%				
Remove equipment	Do you want to remove this equipment?	Cancel Continue							
	Connection	Aux1							
		Aux2							

Aux heat source	Heat Pump is primary heat source	Control	Heat pump lockout	-20°F to 65°F in 5°F steps (-27.5°C to 17.5°C in 2.5°C steps)	15°F (-10°C)		The whole "Heat Pump is primary heat source" only appears if connected to HP. The HP lockout must be at least 10°F < aux heat lockout.		
			Aux heat lockout	Enable aux heat lockout (checkbox)	disabled		Appears if connected to HP.		
			Use Ton/Toff	(checkbox)	disabled		If connected to HP		
			T on / T off	Turn on temperature differential: -7°F to -3°F in 1°F steps (-4.0°C to -1.5 to in 0.5°C steps) Turn off temperature differential: -4°F to 1°F in 1°F steps (-2°C to 0.5°C in 0.5°C steps)	-3°F (-1.5°C) 1°F (0.5°C)		Enabled automatically if connected to AC outdoor. Enabled automatically if connected to AC outdoor. Must be 3 or 4°F (2°C) above Ton.		
			Indoor unit fan enabled	(checkbox)	On				
			Fan speed	low medium high	high				
			Fan on delay	0s, 30s, 60s, 120s, 180s, 240s, 300s	30s				
			Fan off delay	0s, 10s, 30s, 60s, 90s, 120s, 180s	10s				
			Aux is primary heat source	Control	Heat pump lockout	-20°F to 65°F in 5°F steps (-27.5°C to 17.5°C in 2.5°C steps)	15°F (-10°C)		
					Setpoint differential	-9°F, -7°F, -5°F, -4°F, or -2°F (-5°C to -1°C in 1°C steps)	-2°F (-1°C)		Hidden for AC outdoor unit
					T on / T off	Turn on temperature differential: -2 or -1°F (-1.0 or -0.5°C) Turn on temperature differential: 1°F (0.5°C)	-1°F (-0.5°C) 1°F (0.5°C)	Yes	
					Indoor unit fan enable	(checkbox)	On		
	Fan speed	low medium high			high				
	Fan on delay	0s, 30s, 60s, 120s, 180s, 240s, 300s			30s				
	Remove equipment	Do you want to remove this equipment?	Cancel Continue						
	UV Bulb	Number of bulbs	1, 2		1				
		Remove equipment	Do you want to remove this equipment?	Cancel Continue			If UV bulbs added.		
	HEPA filter	Number of filters	1, 2		1				
		Remove equipment	Do you want to remove this equipment?	Cancel Continue			If HEPA filter added.		
	Electronic filter	Number of filters	1, 2		1				
		Remove equipment	Do you want to remove this equipment?	Cancel Continue			If Electronic filter added.		
	Zone Board	Type	EWC Zone Board				If zone board added		
		Zone 1 Additional Zone	(radio button)			Zone 1			
		heater kit installed	(checkbox)			No	Appears when "Additional Zone" selected to tell thermostat is heater kit.		
Remove equipment		Do you want to remove this equipment?	Cancel Continue						
System Test	Run test (explanation of test)					Only in inverter AC and HP for first release.			
	Charge Mode	Run test Stop (explanation of test)				If capable of cooling, and only inverter AC/HP in first release.			
	Optional Tests	Cooling	Run test Stop (explanation of test)				If system capabilities include cooling		
		Fan	Run test Stop (explanation of test)						
		Heat Pump Heat	Run test Stop (explanation of test)				If system capabilities include heat pump heat.		
		Gas Heat	Run test Stop (explanation of test)				If system capabilities include gas heat		
		Electric Heat	Run test Stop (explanation of test)				If system capabilities include electric heat		
		Pump Down	Run test Stop (explanation of test)				Inverter only, but not Fit AC/HP.		
	Error History	(date and time of error) (code - equipment) (error description)				Yes			
		Clear error history?	Cancel/Continue	Yes/No					
	Calibration	Temperature calibration	-7°F to 7°F in 1°F steps (or) -3.5°C to 3.5°C in 0.5°C steps		0°				
		Humidity calibration	-15% to 15% in 1% steps		0%				
	Status	air conditioner (or) heat pump	operation mode			Yes	all equipment		
current critical error					Yes	if critical error			
current minor error					Yes	if minor error			
requested heat demand					Yes	Only HP models.			
requested cool demand					Yes	all equipment			
requested indoor CFM					Yes	all equipment			
requested indoor fan demand					Yes	inverter always shows "0%", may only display for 2-stage where is valid.			
requested dehum demand					Yes	all equipment			
compressor runtime					Yes	inverter only			
compressor reduction mode					Yes	inverter only			
outdoor fan RPM					Yes	inverter only			
outdoor fan tap					Yes	inverter only			
outdoor air temp					Yes	all equipment			
outdoor coil temp					Yes	Not DX18 or DX16 models			
liquid temperatures					Yes	inverter only			
discharge temperature				Yes	inverter only				
outdoor defrost sensor temp				Yes	inverter HP only				
suction temperature				Yes	inverter only				
suction pressure				Yes	inverter only				
air handler		operation mode			Yes				
		current critical error			Yes				
		current minor error			Yes				
		current heat demand			Yes				
		requested heat demand			Yes				
		current indoor CFM			Yes				
		current indoor fan demand			Yes				
		requested indoor fan demand			Yes				
		requested hum demand			Yes				
		refrigerant type			Yes	DVPEC/DVFEC only			
		calculated superheat			Yes	DVPEC/DVFEC only (may be disabled)			
	calculated subcool			Yes	DVPEC/DVFEC only (may be disabled)				
	fan runtime			Yes	DVPEC/DVFEC only				
	liquid temperature			Yes	DVPEC/DVFEC only				

4. System Optimization

			suction temperature				Yes	DVPEC/DVFEC only	
			pressure sensor				Yes	DVPEC/DVFEC only	
		furnace	operation mode				Yes	Hidden for DTA furnace adaptor	
			current critical error					Yes	
			current minor error					Yes	
			current heat demand					Yes	
			requested heat demand					Yes	
			current cool demand					Yes	Hidden for DTA furnace adaptor
			requested cool demand					Yes	Hidden for DTA furnace adaptor
			current indoor CFM					Yes	Hidden for DTA furnace adaptor
			current indoor fan demand					Yes	Hidden for DTA furnace adaptor
			requested indoor fan demand					Yes	Hidden for DTA furnace adaptor
			requested hum demand					Yes	Hidden for DTA furnace adaptor
		requested dehum demand					Yes	Hidden for DTA furnace adaptor	
		EEV	current critical error				Yes		
			current minor error					Yes	
5. Preferences	cool/heat	min/max setpoints	50°F to 90°F in 1°F increments				50°F min, 90°F max		
		deadband / overcool	Temperature setpoint dead band: (2°F to 9°F in 1°F increments) Overcooling allowed to dehumidify: (0, 1, 2, or 3°F)				4°F	If system capabilities include heating and cooling	
		cooling boost mode	on/off						16-18 and newer 20 SEER inverter only
			outdoor activation temperature	Always ON, 70F, 75F, 80F, 85F, 90F, 95F, 100F, 105F					16-18 and newer 20 SEER inverter only, when boost mode on
	house settings	quiet mode	use quiet mode	(check box)				disabled	Fit AC/HP only
			quiet hours	from: (time) to: (time) (time selection in 15 min. increments)				10pm to 7am	Fit AC/HP only
			Sound suppression level	Level 1 Level 2 Level 3 (quietest)					Fit AC/HP only
		Capacity priority	(check box)					Fit AC/HP only	
		house size	500 to 10,000 sf in 100 sqft increments						
	vertical rise	Same level Outdoor lower Indoor lower						Inverter AC/HP	
	dealer information	name	(text entry)						
		phone	(text entry)						
		email	(text entry)						
		website	(text entry)						
		message	(text entry)						
	reminders	media filter	off, 1, 2, 3, 4, 6, or 12 months					off	if media filter
		HEPA filter	off, 1, 2, 3, 4, 6, or 12 months					off	if HEPA filter
Electronic filter		off, 1, 2, 3, 4, 6, or 12 months					off	if Electronic filter	
UV bulbs		off, 6, 12, 18, or 24 months					off		
dehumidification filter		off, 1, 3, 6, or 12 months					off		
humidifier pad		off, 3, 6, or 12 months					off		
service reminder	off, 3, 6, or 12 months					off			