

Daikin One+ Thermostat Commissioning Menu Outline for Unitary Equipment, v2.3 software

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Default	Display only?	Conditions		
welcome	english	(radio buttons)				english				
	español									
	française									
	use large font		(checkbox)				unchecked			
	continue									
equipment type	unitary (radio button)	cancel continue				unitary				
	single/multi-split (S21) (radio button)									
	VRV, SkyAir, single/multi-split (P1P2) (radio button)									
	continue									
setup	begin setup	(to smart thermostat setup with 5 main steps below)								
	factory reset									
	setup options	run dealer demo mode run homeowner demo mode								
	learn more									
1. Communication	equipment type	unitary mini/multi-split (S21) VRV, SkyAir, mini/multi-split (P1/P2)				unitary				
	home wifi	use wifi								
		networks	(list of available networks) search again						Only appears when "use wifi" selected	
		internet connected (check)					Yes	Yes	Only appears when connected to active wifi network.	
		Daikin One Cloud connected (check)					Yes	Yes	Only appears if successfully connect to internet.	
	legal notices	terms of use privacy policy end user license agreement	(text) (text) (text)				Yes Yes Yes			
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.		
	device 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						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 2-stage models only
		Cool Profiles	Profile A Profile B Profile C Profile D							
		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						Fit HP from Mar. 2020		
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	
		High speed trim				-15% to 15% in 3% increments				

3. Equipment Setup

Heat Settings	Heat Airflow ON Delay	-10% to 10% in 2% increments	-15%, -10, -5, 0, 5, 10, 15			Fit HP from Mar. 2020 2-stage models only		
	Heat Airflow OFF Delay	5, 10, 15s				HP only		
	Backup Defrost Heat	30, 50, 70, 90s				HP only		
	Defrost Interval	1: always on; 2: on below 30°F; 3: 35°F; 4: 40°F; 5: 45°F; 6: 50°F; 7: 55°F; 8: 60°F; 9: 65°F; 10: always off.					Fit Heat Pump only	
	Defrost Compressor Delay	30, 60, 90, 120m					HP only	
	Max compressor RPS	0, 5, 15, 30s					2-stage HP only	
	Max RPS offset						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	
		Blower Motor Size				Yes		
Heat Settings		Gas Heat Airflow Trim	-15% to 15% in 3% increments				Modulating furnace only	
			-10% to 10% in 2% increments				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	
Humidifier Relay	Humidification Mode	On, Off				2-stage furnace only (not mod, ULN, or 24V furnace adaptor)		
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/DVPEC (used to confirm heater kit installed matching heater kit settings on PCB).	
		Size (kW)	0, 3, 5, 6, 8, 10kW				Yes	non-DVPEC/DVPEC
			0, 5, 6, 8, 10, 15, 19kW				No	DV25PEC, DV24FEC
			0, 5, 6, 8, 10, 15, 20kW				No	DV37PEC, DV36FEC, DV42FEC
			0, 5, 6, 8, 10, 15, 20, 25kW				No	DV59PEC, DV48FEC
			0, 5, 6, 8, 10, 15, 20, 25kW				No	DV61PEC, DV60FEC
Electric Heat Airflow Trim	0% to 10% in 2% steps					DVPEC/DVPEC (EEV) models only		
Heat Airflow ON Delay					Yes	non-DVPEC/DVPEC CT models (with TXV)		
Heat Airflow OFF Delay					Yes			
Humidifier Relay	Enable with Blower					DVPEC/DVPEC only		
Aux Alarm	On/Off					non-DVPEC/DVPEC 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	Indoor air quality sensor							
	24V AC Condenser					If Mod or 2-stage furnace and no AC or HP already. (ULN 1-stage furnace doesn't support.)		
	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			Modulating furnace only		
			-10% to 10% in 2% increments			2-stage furnace only		
		Cool Profiles	Profile A Profile B Profile C Profile D					
		Cool Airflow ON Delay	5, 10, 20, 30s			Modulating furnace only		
	Cool Airflow OFF Delay	1, 5, 10, 20, 30s 30, 60, 90, 120s 0, 30, 60, 90, 120s			2-stage furnace only Modulating furnace only 2-stage furnace only			
Remove equipment	Do you want to remove this equipment?	Cancel	Continue					
Humidifier	Connection	Aux1						
		Aux2						
	Control	On with heat On with heat and hum			On with heat and hum call			
	number of pads	1, 2						
	Remove equipment	Do you want to remove this equipment?	Cancel	Continue				
Dehumidifier	Connection	Aux1						
		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				
Heat Pump Settings	Connection	Aux1						
		Aux2						
	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.			
	Heat pump lockout	-10°F to 75°F in 5°F increments (-22.5°C to 22.5°C in 2.5°C steps)		50°F (10°C)				

Aux heat source	Heat Pump is primary heat source	Control	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)	-3°F (-1.5°C)		Enabled automatically if connected to AC outdoor.
			Indoor unit fan enabled	(checkbox)	On		Enabled automatically if connected to AC outdoor. Must be 3 or 4°F (2°C) above Ton.
			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		
			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 off temperature differential: -4°F to 1°F in 1°F steps (-2°C to 0.5°C in 0.5°C steps)	-1°F (-0.5°C)		
			Indoor unit fan enable	(checkbox)	On	Yes	
	Aux is primary heat source	Control	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		
			Remove equipment	Do you want to remove this equipment?	Cancel Continue		
			Number of bulbs	1, 2	0		
			Remove equipment	Do you want to remove this equipment?	Cancel Continue		If UV bulbs added.
	UV Bulb	Remove equipment	Number of filters	1, 2	0		
			Remove equipment	Do you want to remove this equipment?	Cancel Continue		If HEPA filter added.
	HEPA filter	Remove equipment	Number of filters	1, 2	1		
			Remove equipment	Do you want to remove this equipment?	Cancel Continue		If HEPA filter added.
Electronic filter	Remove equipment	Number of filters	1, 2	1			
		Remove equipment	Do you want to remove this equipment?	Cancel Continue		If Electronic filter added.	
Zone Board	Type	Zone 1	EWC Zone Board			If zone board added	
		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.	
	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	
Calibration	Clear error history?	Cancel/Continue	Yes/No				
	Temperature calibration	-7°F to 7°F in 1°F steps		0°			
Humidity calibration	-15% to 15% in 1% steps			0%			
	operation mode				Yes	all equipment	
air conditioner (or) heat pump	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	
	suction temperature				Yes	DVPEC/DVFEC only	
pressure sensor				Yes	DVPEC/DVFEC only		
operation mode				Yes	Hidden for DTA furnace adaptor		
furnace	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		

4. System Optimization

			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)			4°F		If system capabilities include heating and cooling
			Overcooling allowed to dehumidify: (0, 1, 2, or 3°F)			0°F		If system capabilities include cooling
		boost mode	on/off					
	outdoor activation temperature		Always ON, 70F, 75F, 80F, 85F, 90F, 95F, 100F, 105F					16-18 and newer 20 SEER inverter only
	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)		Level 2		Fit AC/HP only
		Capacity priority	(check box)		On		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
		LIV 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				