

Daikin One Touch Thermostat Commissioning Menu Outline for Unitary Equipment, v3.1.4 software

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Default	Display only?	Conditions		
welcome	english español française	(radio buttons)				english				
	use large font continue	(checkbox)				unchecked				
equipment type	unitary (radio button) single/multi-split (S21) (radio button) VRV, SkyAir, single/multi-split (P1P2) (radio button) continue	cancel continue				unitary				
setup	begin setup	(to smart thermostat setup with 5 main steps below)								
	setup options	factory reset								
	learn more	firmware (version #) check for update								
1. Communication	equipment type	unitary mini/multi-split (S21) VRV, SkyAir, mini/multi-split (P1/P2)				unitary				
	wifi	use wifi networks internet connected (tickmark) Daikin One Cloud connected (tickmark) legal notices	(list of available networks) search again				Yes	Only appears when "use wifi" selected Only appears when connected to active wifi network. Only appears if successfully connect to internet.		
		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) (hour, minute, and am/pm selection) use 24-hour time format time zone	(list of time zones)			disabled Pacific		set automatically when connect to WiFi. set automatically when connect to WiFi. 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
					-10% to 10% in 2% increments					2-stage models only
			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, Standard, A (widest range), B (reduced range), C (100% operation only)							Fit AC from Mar. 2020	
	Circulation selection	Off, On							Fit AC from May 2021	
	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	
				-10% to 10% in 2% increments					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, Standard, A (widest range), B (reduced range), C (100% operation only)							Fit HP from Mar. 2020		
Circulation selection	Off, On							Fit HP from May 2021		
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		
				-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		
				-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			
			-10% to 10% in 2% increments					2-stage models only		

3. Equipment Setup

	Heat Settings	Heat Airflow ON Delay	5, 10, 15s				HP only	
		Heat Airflow OFF Delay	30, 50, 70, 90s				HP only	
		Backup Defrost Heat	always on; always off; below temperature: 30°F, 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.	
	<b>Furnace (model # from CT)</b>	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 Daikin furnaces 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 "on with hum" (aka "independent") selected.
Humidification Mode		Off On with heat and hum On with hum			On with heat and hum			Modulating furnaces only
Aux Alarm		On/Off						2-stage furnace only (not mod)
<b>Air Handler or Blower (model # from CT)</b>		Specifications	Model #				Yes	
	Serial #					Yes		
	Control Software Version						Yes	
	Blower Motor Size						Yes	
	Heater Kit	Is a heater kit installed?	Yes/No		No			non-EEV air handlers (used to confirm heater kit installed matches heater kit settings on PCB).
		Size (kW)	0, 3, 5, 6, 8, 10kW				Yes	non-EEV air handlers
			0, 5, 6, 8, 10, 15, 19kW				No	DV25PEC, DV24FEC, DFVE24, DMVE24
			0, 5, 6, 8, 10, 15, 20kW				No	DV35FEC, DV36FEC, DV37PEC, DV42FEC, DFVE35, DFVE36, DFVE42, DMVE36
			0, 5, 6, 8, 10, 15, 20, 25kW				No	DV47FEC, DV48FEC, DV59PEC, DFVE47, DFVE48, DFVE59, DMVE48
		Electric Heat Airflow Trim	0% to 10% in 2% steps -10% to 10% in 2% steps					EEV air handlers only non-EEV air handlers (ClimateTalk models with TXV)
	Heat Airflow ON Delay Heat Airflow OFF Delay					Yes Yes		
	Humidifier Relay	Humidifier Enable with Blower None						EEV air handlers only
Humidification Mode		Off On Independent					EEV air handlers only, if humidifier selected in top menu	
Humidification Fan Speed		25, 50, 75, 100%					EEV air handlers only, if "humidifier" and "independent" selected above.	
Aux Alarm	On/Off						non-EEV air handlers air handlers and blowers.	
<b>Coil (model # from CT)</b>	Configuration	Serial #				Yes		
		Software Version				Yes		
<b>Media filter</b>	Number of filters	1, 2			1			
	Remove equipment	Do you want to remove this equipment?	Cancel Continue					
<b>Add Equipment</b>	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								
<b>Indoor air quality sensor</b>	Remove equipment	Do you want to remove this equipment?	Cancel Continue					
<b>24V AC Condenser</b>	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					
<b>Humidifier</b>	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					
	Connection	Aux1						
		Aux2						
	Control	On with cool On with cool and dehum On with dehum On with no cool and dehum			On with dehum			

<b>Dehumidifier</b>	Fan speed	0% 25% 50% 75% 100%			100%		If dehumidifier added.	
	Remove equipment	Do you want to remove this equipment?	Cancel Continue					
	<b>Aux heat source</b>	Connection	Aux1 Aux2					
		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)	-3°F (-1.5°C)		Enabled automatically if connected to AC outdoor.
					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)		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		Only if indoor unit fan enabled.
				Fan on delay	0s, 30s, 60s, 120s, 180s, 240s, 300s	30s		Only if indoor unit fan enabled.
		Fan off delay	0s, 10s, 30s, 60s, 90s, 120s, 180s	10s		Only if indoor unit fan enabled.		
		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)	-1°F (-0.5°C)		
					Turn on temperature differential: 1°F (0.5°C)	1°F (0.5°C)	Yes	
	Indoor unit fan enable			(checkbox)	On			
	Fan speed			low medium high	high		Only if indoor unit fan enabled.	
	Fan on delay			0s, 30s, 60s, 120s, 180s, 240s, 300s	30s		Only if indoor unit fan enabled.	
	Fan off delay			0s, 10s, 30s, 60s, 90s, 120s, 180s	10s		Only if indoor unit fan enabled.	
Remove equipment	Do you want to remove this equipment?	Cancel Continue						
<b>UV Bulb</b>	Number of bulbs	1, 2			1		If UV bulbs added.	
	Remove equipment	Do you want to remove this equipment?	Cancel Continue					
<b>HEPA filter</b>	Number of filters	1, 2			1		If HEPA filter added.	
	Remove equipment	Do you want to remove this equipment?	Cancel Continue					
<b>Electronic filter</b>	Number of filters	1, 2			1		If Electronic filter added.	
	Remove equipment	Do you want to remove this equipment?	Cancel Continue					
<b>Zone Board</b>	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					
<b>System Test</b>	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					
		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°F (or) 0°C			
	Humidity calibration	-15% to 15% in 1% steps			0%			
<b>Status</b>	air conditioner (or) heat pump	operation mode				Yes	all equipment, enhanced for Fit AC/HP from May 2021.	
		current critical error				Yes	if currently active critical error	
		current minor error				Yes	if currently active 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	DZ18VC models only		
	outdoor air temp				Yes	all equipment		
	outdoor coil temp				Yes	Not DX18/DZ18, DX16/DZ16, or DX7/DZ7 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		
	Status	operation mode					Yes	
current critical error						Yes		
current minor error						Yes		
current heat demand						Yes		
requested heat demand						Yes		
current indoor CFM						Yes		

**4. System Optimization**

		air handler	current indoor fan demand				Yes		
			requested indoor fan demand				Yes		
			requested hum demand				Yes		
			refrigerant type				Yes	EEV air handlers only	
			calculated superheat				Yes	EEV air handlers only (may be disabled)	
			calculated subcool				Yes	EEV air handlers only (may be disabled)	
			fan runtime				Yes	EEV air handlers only	
			liquid temperature				Yes	EEV air handlers only	
			suction temperature				Yes	EEV air handlers only	
			pressure sensor				Yes	EEV air handlers only	
			operation mode				Yes	Hidden for 24V furnace adaptor	
			current critical error				Yes		
		current minor error				Yes			
		current heat demand				Yes			
		requested heat demand				Yes			
		current cool demand				Yes	Hidden for 24V furnace adaptor		
		requested cool demand				Yes	Hidden for 24V furnace adaptor		
		current indoor CFM				Yes	Hidden for 24V furnace adaptor		
		current indoor fan demand				Yes	Hidden for 24V furnace adaptor		
		requested indoor fan demand				Yes	Hidden for 24V furnace adaptor		
		requested hum demand				Yes	Hidden for 24V furnace adaptor		
		requested dehum demand				Yes	Hidden for 24V furnace adaptor		
		EEV				Yes			
						Yes			
5. Preferences	cool/heat	min/max setpoints	50°F to 90°F in 1°F increments (10°C to 32°C in 0.5°C steps)			50°F to 90°F (10°C to 32°C)			
		deadband / overcool	Temperature setpoint dead band: 2°F to 9°F in 1°F steps (0°C to 5°C in 0.5°C steps) Overcooling allowed to dehumidify: 0, 1, 2, or 3°F (0, 0.5, 1, or 1.5°C)			4°F / 2°C		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	
		heating boost mode	on, off					Fit HP from May 2021	
		house settings	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				