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	(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)						
	setup options	factory reset						
	learn more	firmware (version #) check for update						
1. Communication	equipment type	unitary				unitary		
		mini/multi-split (S21)						
		VRV, SkyAir, mini/multi-split (P1/P2)						
	wifi	use wifi						
		networks	(list of available networks) search again					Only appears when "use wifi" selected
		internet connected (tickmark)					Yes	Only appears when connected to acive wifi network.
		Daikin One Cloud connected (tickmark)					Yes	Only appears if successfully connect to internet.
		legal notices	terms of use	(text)			Yes	
			privacy policy	(text)			Yes	
			end user license agreement	(text)			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.
	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			Inverter AC only, but not with 24V furnace adaptor
					-15%, -10, -5, 0, 5, 10, 15, 20, 30, Max			Fit AC from Mar. 2020, but not with 24V furnace adaptor
				Intermediate speed trim	'-15% to 15% in 3% increments			Inverter AC only, but not with 24V furnace adaptor
					-15%, -10, -5, 0, 5, 10, 15, 20, 30, Max			Fit AC from Mar. 2020, but not with 24V furnace adaptor
				High speed trim	'-15% to 15% in 3% increments			Inverter AC only, but not with 24V furnace adaptor
					-15%, -10, -5, 0, 5, 10, 15			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, On				
				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			Inverter HP only
					-15%, -10, -5, 0, 5, 10, 15, 20, 30, Max			Fit HP from Mar. 2020
				Intermediate speed trim	'-15% to 15% in 3% increments			Inverter HP only
					-15%, -10, -5, 0, 5, 10, 15, 20, 30, Max			Fit HP from Mar. 2020
				High speed trim	'-15% to 15% in 3% increments			Inverter HP only
					-15%, -10, -5, 0, 5, 10, 15			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, On				
				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			Inverter HP only
					-15%, -10, -5, 0, 5, 10, 15			Fit HP from Mar. 2020
				Intermediate speed trim	'-15% to 15% in 3% increments			Inverter HP only
					-15%, -10, -5, 0, 5, 10, 15			Fit HP from Mar. 2020
				High speed trim	'-15% to 15% in 3% increments			Inverter HP only
					-15%, -10, -5, 0, 5, 10, 15			Fit HP from Mar. 2020
				-10% to 10% in 2% increments				2-stage models only

Section	Equipment	Setting Group	Setting	Values	Default	Yes	Notes
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.
	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			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
			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)
	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-EEV air handlers (used to confirm heater kit installed matches heater kit settings on PCB).
						Yes	non-EEV air handlers
			Size (kW)	0, 3, 5, 6, 8, 10kW	No		DV25PEC, DV24FEC, DFVE24, DMVE24
				0, 5, 6, 8, 10, 15, 19kW	No		DV35FEC, DV36FEC, DV37PEC, DV42FEC, DFVE35, DFVE36, DFVE42, DMVE36
				0, 5, 6, 8, 10, 15, 20kW	No		DV47FEC, DV48FEC, DV59PEC, DFVE47, DFVE48, DFVE59, DMVE48
				0, 5, 6, 8, 10, 15, 20, 25kW	No		DV61PEC, DV59FEC, DV60FEC, DFVE60, DMVE60
			Electric Heat Airflow Trim	0% to 10% in 2% steps			EEV air handlers only
				-10% to 10% in 2% steps			non-EEV air handlers (ClimateTalk models with TXV)
			Heat Airflow ON Delay			Yes	
			Heat Airflow OFF Delay			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.
	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				
			Dehumidifier				
			Aux heat source				
			UV bulb				Can only add 1 of each type.
			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
				1, 5, 10, 20, 30s			2-stage furnace only
			Cool Airflow OFF Delay	30, 60, 90, 120s			Modulating furnace only
				0, 30, 60, 90, 120s			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 hum	On with heat and hum call		If humidifier added.
		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 / Aux2			
		Control		On with cool / On with cool and dehum / On with dehum / On with no cool and dehum	On with dehum		

	Dehumidifier	Fan speed	0% 25% 50% 75% 100%			100%		If dehumidifier added.
		Remove equipment	Do you want to remove this equipment?	Cancel Continue				
	Aux heat source	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		
					-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)		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				
	UV Bulb	Number of bulbs	1, 2			1		If UV bulbs added.
		Remove equipment	Do you want to remove this equipment?	Cancel Continue				
	HEPA filter	Number of filters	1, 2			1		If HEPA filter added.
		Remove equipment	Do you want to remove this equipment?	Cancel Continue				
	Electronic filter	Number of filters	1, 2			1		If Electronic filter added.
		Remove equipment	Do you want to remove this equipment?	Cancel Continue				
	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				
4. System Optimization	**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					
		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%		
	Status	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
			operation mode				Yes	
			current critical error				Yes	
			current minor error				Yes	
			current heat demand				Yes	
			requested heat demand				Yes	
			current indoor CFM				Yes	

Section	Subsection	Item	Options			Default		Notes
	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
	furnace	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	current critical error					Yes	
		current minor error					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)			4°F / 2°C		If system capabilities include heating and cooling
			Overcooling allowed to dehumidify: 0, 1, 2, or 3°F (0, 0.5, 1, or 1.5°C)			0°F / 0°C		If system capabilities include 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	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		