

Daikin One+ Thermostat Commissioning Menu Outline for Unitary equipment, v2.0.2 software

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Default	Display only?	Conditions	
welcome	english	(radio buttons)				english			
	spanish								
	french					(disabled)			
	use large font	(checkbox)							
	continue								
equipment type	unitary	(radio buttons)				unitary			
	single/multi-split (S21) VRV, SkyAir, single/multi-split (P1P2)								
	continue								
setup	begin setup	(to smart thermostat setup with 5 main steps below)							
	factory reset								
	run dealer demo mode								
	run homeowner demo mode								
	learn more								
1. Communication	equipment type	unitary mini/multi-split (S21) VRV, Skyair, mini/multi-split (P1P2)				unitary		VRV will be supported in the future.	
	home wifi	use wifi	(list of available networks) search again					Only appears when "use wifi" selected	
		networks							
		connected to internet					Yes	Only appears when connected to active wifi network.	
	connected to DaikinOne Cloud					Yes	Only appears if successfully connect to internet		
2. Personalization	language	english francsis espanol				english			
	date & time	(month, day, and year selection)				build date		set automatically when connect to WiFi.	
		(hour, minute, and am/pm selection)						set automatically when connect to WiFi.	
		use 24-hour 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 stage					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
			Intermediate speed trim						Inverter AC only
			High speed trim				-15% to 15% in 3% increments		Inverter AC only
			-10% to 10% in 2% increments				-15% to 15% in 3% 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	Dehumidify with cooling:			Off, On			
Heat Pump (model # from CT)	Specifications	Model #					Yes		
		Serial #					Yes		
		Control Software Version					Yes		
		Inverter Software Version					Yes	Inverter only	
		Number of cool stage					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
			Intermediate speed trim						Inverter HP only
			High speed trim				-15% to 15% in 3% increments		Inverter HP only
			-10% to 10% in 2% increments				-15% to 15% in 3% 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	Dehumidify with cooling:			Off, On			
Heat Settings	Heat Airflow Trim	Low speed trim			-15% to 15% in 3% increments			Inverter HP only	
		Intermediate speed trim						Inverter HP only	
		High speed trim				-15% to 15% in 3% increments		Inverter HP only	
		-10% to 10% in 2% increments				-15% to 15% in 3% increments		2-stage models only	
	Heat Airflow ON Delay	5, 10, 15s						HP only	
	Heat Airflow OFF Delay	30, 50, 70, 90s						HP only	
	Backup Defrost Heat	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 Interval	30, 60, 90, 120m							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 -or- balance point	-20°F to 65°F in 5°F increments				15°F		If also electric or gas heat, "balance point" is for dual-fuel systems.	
	aux heat lockout temp	-10°F to 75°F in 5°F increments				50°F		If also electric or gas heat, not displayed for dual-fuel systems	
	Model #						Yes		
	Serial #						Yes		

3. Equipment Setup

Furnace (model # from CT)	Specifications	Control Software Version				Yes			
		number of furnace stage				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
		Gas Heat Airflow ON Delay	5 to 30s in 5s increments					Modulating and 2-stage furnaces	
		Gas Heat Airflow OFF Delay	30 to 180s in 30s increments					Modulating and 2-stage furnaces	
	Humidifier Relay	Humidification Mode	On, Off					2-stage furnace only (not mod or ULN)	
			Humidification Fan Speed	25, 50, 75, 100%				2-stage furnace only (not mod or ULN)	
Aux Alarm	On/Off						2-stage furnace only (not mod or ULN)		
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)	None, 3, 5, 6, 8, 10kW None, 5, 6, 8, 10, 15, 19kW None, 5, 6, 8, 10, 15, 20kW None, 5, 6, 8, 10, 15, 20, 25kW			Yes No No No	non-DVPEC/DVPEC DV25PEC, DV24PEC DV37PEC, DV36PEC, DV42PEC DV59PEC, DV48PEC DV61PEC, DV60PEC	
		Electric Heat Airflow Trim	0% to 10% in 2% steps					DVPEC/DVPEC (EEV) models only	
			-10% to 10% in 2% steps					non-DVPEC/DVPEC CT models (with TXV)	
		Humidifier Relay	Humidification Mode	On Off					DVPEC/DVPEC only
				Humidification Fan Speed	25, 50, 75, 100%				DVPEC/DVPEC only, if humidifier selected in top menu
	Aux Alarm	On/Off						non-DVPEC/DVPEC air handlers and blowers.	
	Coil (model # from CT)	Configuration	Serial # Software Version				Yes 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								
	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	
			1, 5, 10, 20, 30s					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 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						
UV Bulb	Number of bulbs	1, 2			0		"0" means no equipment of this type		
	Remove equipment	Do you want to remove this equipment?	Cancel Continue						
HEPA filter	Number of filters	1, 2			0		"0" means no equipment of this type		
	Remove equipment	Do you want to remove this equipment?	Cancel Continue						
Electronic filter	Number of filters	1, 2			1		"0" means no equipment of this type		
	Remove equipment	Do you want to remove this equipment?	Cancel Continue						
Type	EWC Zone Board								

	<b>Zone Board</b>	Zone 1 Additional Zone	(radio button)			Zone 1			
		heater kit installed	(checkbox)			No		For air handlers, only if "Additional Zone" selected.	
		Remove equipment	Do you want to remove this equipment?	Cancel	Continue				
	<b>System Test</b>	Run test Stop (explanation of test)						Only in inverter AC and HP for first release.	
	<b>Charge Mode</b>	Run test Stop (explanation of test)						If capable of cooling, and only inverter AC/HP in first release.	
	<b>Optional Tests</b>	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.	
	<b>Error History</b>	(date and time of error) (code - equipment) (error description)					Yes		
		Clear error history?	Cancel/Continue	Yes/No					
	<b>Calibration</b>	Temperature calibration	-7°F to 7°F in 1°F steps			0°			
		Humidity calibration	-15% to 15% in 1% steps			0%			
4. System Optimization	<b>Status</b>	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		
	requested dehum demand						Yes	Won't display since always is "0%".	
	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		
	furnace	operation mode					Yes		
		current critical error					Yes		
		current minor error					Yes		
		current heat demand					Yes		
		requested heat demand					Yes		
		current cool demand					Yes		
requested cool demand						Yes			
current indoor CFM						Yes			
current indoor fan demand						Yes			
requested indoor fan demand						Yes			
requested hum demand						Yes			
requested dehum demand						Yes			
EEV	current critical error					Yes			
	current minor error					Yes			
5. Preferences	<b>cool/heat</b>	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		
		boost mode	Overcooling allowed to dehumidify: (0, 1, 2, or 3°F)			0°F	If system capabilities include cooling		
	<b>house settings</b>	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	
		use quiet mode	(checkbox)			disabled		Fit AC/HP only	
quiet hours		from: (time) to: (time) (time selection in 15 min. increments)				10pm to 7am	Fit AC/HP only		
quiet mode	Sound suppression level	Level 1 Level 2 Level 3 (quietest)				Level 2	Fit AC/HP only		
	Capacity priority	On/Off				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		
<b>dealer information</b>	name	(text entry)							
	phone	(text entry)							
	email	(text entry)							
	website	(text entry)							
	message	(text entry)							
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		

<b>reminders</b>	Electronic filter	off, 1, 2, 3, 4, 6, or 12 months			off		# 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		