



Thermal Edge Inc.™

AIR CONDITIONER OPTIONS

OPTION	OPTION CODE	DESCRIPTION	CS011	CS011D48	CS020	NE010-015	NE020-030-040	NE040D48	NE050-060-080	TM061-081	HC081	HC101-121-151	HC201
Voltage /Frequency	D48	48VDC		X				X					
	105	100V/50Hz	X			X	X (NE020/030)						
	125	115V/50Hz							X (NE050/060)				
	126	115V/60Hz	X		X	X	X	X		X		X (HC101/121)	
	205	200V/50Hz				X	X (NE030)						
	235	230V/50Hz			X		X (NE020)		X (NE050/060)		X	X (HC101/121)	X
	236	230V/60Hz			X	X	X		X	X		X	X
	237	230V/50-60Hz							X (NE050/060)				
	385	380V/50Hz					X (NE020/030)		X (NE050/060)		X	X (HC101/121)	X
	405	400V/50Hz					X (NE020/030)		X (NE050/060)		X	X (HC101/121)	X
	406	400V/60Hz					X			X		X	X
	415	415V/50Hz					X (NE020/030)		X (NE050/060)		X	X (HC101/121)	X
	485	460V/50Hz					X (NE020/030)		X (NE050/060)		X	X (HC101/121)	X
	486	460V/60Hz					X		X	X		X	X
	576	575V/60Hz					X		X	X		X	X
605	600V/50Hz					X (NE020/030)		X (NE050/060)		X	X (HC101/121)	X	
606	600V/60Hz							X		X	X	X	
NEMA	12	UL Type 12	X	X	X	X	X	X	X	X	X	X	X
	04	UL Type 4	X	X	X	X	X	X	X	X	X	X	X
	4X	UL Type 4X	X	X	X	X	X	X	X	X	X	X	X
Ambient	A1	Low Ambient, Std	X		X				X	X	X	X	X
	A2	Low Ambient, Custom	X		X				X	X	X	X	X
	A3	High Ambient	X	X	X	X	X	X	X	X	X	X	X
	A4	Low Ambient, Std + High Ambient	X		X				X	X	X	X	X
	A5	Low Ambient, Custom + High Ambient	X		X			X	X	X	X	X	X
Remote Controller	B4	Mount Controller Inside Enclosure (10 ft. Cable, Low Voltage Controller)	X	X	X	X	X	X	X	X	X	X	X
Corrosion Protection	C1	A-Level Protection Coated Condenser Coil (NEMA 12/4)	X	X	X	X	X	X	X	X	X	X	X
	C2	B-Level Protection Coated Condenser & Evaporator Coils (NEMA 12/4)	X	X	X	X	X	X	X	X	X	X	X
	C3	C-Level Protection Coated Condenser & Evaporator Coils + Coated Tubing (NEMA 12/4)	X	X	X	X	X	X	X	X	X	X	X
	C5	B-Level Protection Coated Condenser & Evaporator Coils (NEMA 4X)	X	X	X	X	X	X	X	X	X	X	X
	C6	C-Level Protection Coated Condenser & Evaporator Coils + Coated Tubing (NEMA 4X)	X	X	X	X	X	X	X	X	X	X	X
Dry Contact	D1	Normally Open	X	X	X	X	X	X	X	X	X	X	X
	D2	Normally Closed	X	X	X	X	X	X	X	X	X	X	X
	D3	Normally Open & Normally Closed	X	X	X	X	X	X	X	X	X	X	X
	D4	Compressor Status N.O. + Hi Temp Warning N.O. & N.C.	X	X	X	X	X	X	X	X	X	X	X
	D5	Power ON Status N.O. (closed with power on) + Hi Temp Warning N.O. & N.C.	X	X	X	X	X	X	X	X	X	X	X
Redundant System	E5	Primary PLR Based Redundant Unit			X		X	X	X	X	X	X	X
	E6	Secondary PLR Based Redundant Unit			X		X	X	X	X	X	X	X
	E7	Replacement Primary PLR Based Redundant Unit			X		X	X	X	X	X	X	X
	E8	Secondary Redundant Unit with Backup PLR			X		X	X	X	X	X	X	X
Filter	F1	Painted Filter Hood for Thin Filter			X		X	X	X		X	X	X
	F11	SS Filter Hood for Thin Filter			X		X	X	X		X	X	X
	F12	Aluminum Filter Hood for Thin Filter			X		X	X	X		X	X	X
	F2	Painted Open Filter Frame + 2" Filter			X		X	X	X		X	X	X
	F21	SS Open Filter Frame + 2" Filter			X		X	X	X		X	X	X
	F22	Aluminum Open Filter Frame + 2" Filter			X		X	X	X		X	X	X
	F3	Painted Louvered Cover for Thin Filter			X		X	X	X	Standard	X	X	X
	F31	SS Louvered Cover for Thin Filter			X		X	X	X		X	X	X
	F32	Aluminum Louvered Cover for Thin Filter			X		X	X	X		X	X	X
	F4	Painted Louvered Cover + 2" Filter			X		X	X	X		X	X	X
	F41	SS Louvered Cover + 2" Filter			X		X	X	X		X	X	X
	F42	Aluminum Louvered Cover + 2" Filter			X		X	X	X		X	X	X
F5	Flat Filter for TM									X			
Controller Programming	G1	Celsius	X	X	X	X	X	X	X	X	X	X	X
	G2	Special	X	X	X	X	X	X	X	X	X	X	X
Heater	H1	350 W	X						X		X	X	X
	H2	500 W			X		X		X		X	X	X
	H3	1000 W			X		X		X		X	X	X
	H4	1500 W			X		X		X		X	X	X
	H5	External Heater Control	X		X	X	X		X		X	X	X
	H6	350 W with Hygrostat Connection	X								X	X	X
	H7	500 W with Hygrostat Connection			X		X		X		X	X	X
	H8	1000 W with Hygrostat Connection			X		X		X		X	X	X
	H9	1500 W with Hygrostat Connection			X		X		X		X	X	X

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continued

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Hazardous Location	J4	NEC: Class I, Div 2, Groups A, B, C, D			X		X		X	X	X	X	X
Open Door Kill Switch	K4	1 Door, 1 AC, 7 ft. Cable	X	X	X	X	X	X	X	X	X	X	X
Housing Material	L1	316 SS (115/230 V)	X		X	X	X		X	X	X	X	X
	L2	316 SS (460 V)					X		X	X	X	X	X
	L3	316 SS (48 VDC)		X				X					
	L4	Aluminum, Mill Finish (115/230 V)	X	X	X	X	X		X	X	X	X	X
	L5	Aluminum, Mill Finish (460 V)					X		X	X	X	X	X
	L6	Aluminum, Mill Finish (48 VDC)						X					
Finish	M1	Custom Paint	X	X	X	X	X	X	X	X	X	X	X
	M2	Passivated SS	X	X	X	X	X	X	X	X	X	X	X
	M3	Anodized	X	X	X	X	X	X	X	X	X	X	X
	M4	Rotary	X	X	X	X	X	X	X	X	X	X	X
	M13	RAL 7035 (115/230 V)	X	X	X	X	X	X	X	X	X	X	X
	M14	RAL 7035 (460 V)	X	X	X	X	X	X	X	X	X	X	X
Air Outlet Extension	N1	Painted								X			
	N2	304 SS								X			
	N3	316 SS								X			
	N4	Aluminum, Mill Finish								X			
Extended Temperature Probe	P1	with 12 ft. Cable	X	X	X	X	X	X	X	X	X	X	X
Remote Control/Monitor	R1	Modbus-RTU	X	X	X	X	X	X	X	X	X	X	X
Hard Start Kit	S1						X		X	X	X	X	X
Replacement AC with Power Cord	T1		X			X	X		X		X	X	X
Imperfect	U1	Scratch & Dent	X	X	X	X	X	X	X	X	X	X	X
	U2	Refurbished	X	X	X	X	X	X	X	X	X	X	X
Vibration Resistant	V1						X	X	X	X	X	X	X
Custom Build	WZZ	Other	X	X	X	X	X	X	X	X	X	X	X
Diagnostics	X1	HMI Only - For Redundant System Only			X		X	X	X	X	X	X	X
	X2	EvapFan + Comp Sensors (PLR Req) - For Redundant System Only			X		X	X	X	X	X	X	X
	X3	EvapFan + Comp Sensors + HMI (PLR Req) - For Redundant System Only			X		X	X	X	X	X	X	X

Rules & Exceptions:

1. Hazardous Location units are only available with the following options.

- a. Corrosion Protection
- b. Low Ambient
- c. Remote Controller
- d. Dry Contact, Normally Open
- e. Special Controller Programming
- f. External heater control (for Haz Loc enclosure heaters)
- g. All Filter Options
- h. Extended Temperature Probe
- i. Vibration Resistant
- j. Custom Paint

2. All CS011 air conditioners with Heater option may not include Remote Controller option, Modbus-RTU option.

3. C-Level corrosion protection is strongly recommended for 316 stainless steel air conditioners.

ATTENTION: If ordering a replacement for a Thermal Edge air conditioner, please include the part number and serial number of the unit being replaced in your order. This will assure that we ship a replacement that is compatible with the cutout dimensions and power connection features of the older model.

All information subject to change without notice

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