

# LICENCE



europa  
building  
automation  
controls  
association

Number: **22184**

**Corporación Empresarial Altra S.L.**

received the licence to use the eu.bac mark for the product

**Airzone AZCE8CB1MOT**

**for the application(s)**

**Variable air volume system (without h/c coil), Water Floor Heating Systems**

**based on the certification rules of eu.bac  
and the Certificate 217601**

**This licence will expire on 24 February 2029**



**22184**

**24 February 2023**  
**Brussels**

Managing Director Dr. Peter Hug  
**eu.bac**


europa building automation and controls Association - eu.bac  
B - 1030 Bruxelles, Boulevard A. Reyers 80



# Test Report Summary

Product Information	
Licence Number:	22184
Licensee:	Corporación Empresarial Altra S.L.
Product Identification	Airzone AZCE8CB1MOT
Test Specifications	
Tested Application:	Variable air volume system (without h/c coil)
Temperature Sensor	
- Type:	ALTRA CORPORACION_NTC10K_6
- Time Constant:	6 Mins
Actuator Identification	CPCC125MTE
- Type:	Motorized: 2P
Valve Identification	
- Characteristic	None
AV Acronym	230V/MA/2P/**/**
Fan Speed (For Fan Coil Applications)	
- Characteristic	None
Test Result	
Temperature Control Accuracy $C_A$ according EN 15500	Heating - 0.20 K Cooling - 0.30 K

24 February 2023  
Brussels

  
Managing Director Dr. Peter Hug  
eu.bac



## Control Loop Element Interchangeability Report

Controller Name :	Airzone AZCE8CB1MOT
Licence No. :	22184
AV Acronym :	230V/MA/2P/**/**

### Actuator & Valve Combinations Approved For This Controller

Actuator Name	Actuator Type	Actuator Input	Valve Name	Valve Characteristic	Method of Testing
CPCC125MTE	Motorized: 2P	230V		None	Certification Test

### Room Temperature Sensors Approved For This Controller

Room Temperature Sensor Name	Method of Testing
ALTRA CORPORACION_NTC10K_6	Certification Test

### AV Acronym

An AV Acronym describes the characteristics of the control loop elements. It contains 5 parts, separated by "/" characters. The parts and their available options are shown in the table below (with annotation in brackets where appropriate).

Actuator Input	Actuator Drive	Actuator Drive Type	Valve Type	Valve Characteristic
230V	MA (Motorised)	0-10V	2/3WV (2/3 Way)	L (Linear)
24V (ac OR dc)	TA (Thermal)	2P	6WV (6 Way)	EP (Equal Percentage)
24Vac		3P		
24Vdc		PWM		

Close Window



# Test Report Summary

Product Information	
Licence Number:	22184
Licensee:	Corporación Empresarial Altra S.L.
Product Identification	Airzone AZCE8CB1MOT
Test Specifications	
Tested Application:	Water Floor Heating Systems
Temperature Sensor	
- Type:	ALTRA CORPORACION_NTC_10K_6
- Time Constant:	6 Mins
Actuator Identification	PETTINAROLI A54202
- Type:	Thermal: 2P
Valve Identification	PETTINAROLI 92
- Characteristic	2-way/3-way valve: linear
AV Acronym	230V/TA/2P/23WV/L
Fan Speed (For Fan Coil Applications)	
- Characteristic	None
Test Result	
Temperature Control Accuracy $C_A$ according EN 15500	0.40

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## Control Loop Element Interchangeability Report

Controller Name :	Airzone AZCE8CB1MOT
Licence No. :	22184
AV Acronym :	230V/TA/2P/23WV/L

### Actuator & Valve Combinations Approved For This Controller

Actuator Name	Actuator Type	Actuator Input	Valve Name	Valve Characteristic	Method of Testing
PETTINAROLI A54202	Thermal: 2P	230V	PETTINAROLI 92	2-way/3-way valve: linear	Certification Test
Siemens STA23	Thermal: 2P	230V	Siemens VPP46..., VPP46..Q, VPI46..., VPI46..Q/stroke 2.5 mm, 5 mm, 5.5 mm	2-way/3-way valve: linear	Interchangeability Test
EMOtec 230V	Thermal: 2P	230V	- Calypso, - Eclipse, - Calypso Exact, - Multilux, - Multilux Eclipse, - Dynalux, - Dynacon Eclipse.	2-way/3-way valve: linear	Interchangeability Test
Thermacome, Thermomoteur collecteur acier / 523236	Thermal: 2P	230V	Thermacome, Répartiteur acier inoxydable / 524822 to 524830 / 2.9	2-way/3-way valve: linear	Interchangeability Test
Thermacome, Thermomoteur collecteur acier / 523236	Thermal: 2P	230V	Collecteur HYDROLIM / 599344400036 / 2.7	2-way/3-way valve: linear	Interchangeability Test
CALEFFI 656xx2	Thermal: 2P	230V	CALEFFI Flowmatic Série 145xxx	2-way/3-way valve: linear	Interchangeability Test
IMI-Hydronic EMO T 230V	Thermal: 2P	230V	IMI-Hydronic TBV-C, TA-Compact-P, TA-Compact-DP	2-way/3-way valve: linear	Interchangeability Test
Airzone AZX6AC1VALC	Thermal: 2P	230V	Pettinarolli 92_	2-way/3-way valve: linear	Interchangeability Test

### Room Temperature Sensors Approved For This Controller

Room Temperature Sensor Name	Method of Testing
ALTRA CORPORACION_NTC10K_6	Certification Test

### AV Acronym

An AV Acronym describes the characteristics of the control loop elements. It contains 5 parts, separated by "/" characters. The parts and their available options are shown in the table below (with annotation in brackets where appropriate).

Actuator Input	Actuator Drive	Actuator Drive Type	Valve Type	Valve Characteristic
230V 24V (ac OR dc) 24Vac 24Vdc	MA (Motorised) TA (Thermal)	0-10V 2P 3P PWM	2/3WV (2/3 Way) 6WV (6 Way)	L (Linear) EP (Equal Percentage)