

LICENCE



europa
building
automation
controls
association

Number: **219850**

Corporación Empresarial Altra S.L.

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

Airzone Central Calefaccion 868 V1.0

for the application(s)

Water Floor Heating Systems

**based on the certification rules of eu.bac
and the Certificate 215400**

This licence will expire on 24 November 2026



219850

24 November 2020
Brussels


Managing Director Dr. Peter Hug
eu.bac

Test Report Summary



Product Information	
Licence Number:	219850
Licensee:	Corporación Empresarial Altra S.L.
Product Identification	Airzone Central Calefaccion 868 V1.0
Test Specifications	
Tested Application:	Water Floor Heating Systems
Temperature Sensor	
- Type:	NTC10K
- 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	0.5

24 November 2020
Brussels


Managing Director Dr. Peter Hug
eu.bac

Control Loop Element Interchangeability Report

Controller Name :	Airzone Central Calefaccion 868 V1.0
Licence No. :	219850
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)

LICENCE



europa
building
automation
controls
association

Number: **21050**

Corporación Empresarial Altra S.L.

received the licence to use the eu.bac mark for the product
Airzone Central Calefaccion 868 V1.0 - AZRA6CM1VALC

for the application(s)
Water Floor Heating Systems

based on the certification rules of eu.bac
and the Certificate 215401

This licence will expire on **24 November 2026**



21050

06 September 2021
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:	21050
Licensee:	Corporación Empresarial Altra S.L.
Product Identification	Airzone Central Calefaccion 868 V1.0 - AZRA6CM1VALC
Test Specifications	
Tested Application:	Water Floor Heating Systems
Temperature Sensor	
- Type:	NTC10K
- 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	0.5

06 September 2021
Brussels


Managing Director Dr. Peter Hug
eu.bac



Control Loop Element Interchangeability Report

Controller Name :	Airzone Central Calefaccion 868 V1.0 - AZRA6CM1VALC
Licence No. :	21050
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)

Close Window