



Strojírenský zkušební ústav, s.p.
(Engineering Test Institute, Public Enterprise), Authorized Body 202)
Hudcova 424/56b, Medlánky, Brno, Czech Republic
Authorization Decision 2/2023 of 1 March 2023

PRODUCT CERTIFICATE

No. **202/C5a/2025/B-00991-25**

In compliance with the provisions of Section 5a of Government Regulation 163/2002 Coll., laying down technical requirements for selected construction products, as amended by Government Regulation 312/2005 Coll., Government Regulation 215/2016 Coll. and Government Regulation 119/2024 Coll., the Authorized Body hereby confirms that for the following construction product

System of pipes and press fittings made of copper and brass for gas distribution

Type designation: Aespress UNIKO WATER / GAS

Specification of the products: see Page 2

Manufacturer: Raccorderie Metalliche S.p.A.
Strada Sabbionetana, 59
46010 Campitello di Marcaria (MN)
ITALY

It has reviewed the background materials submitted by the Manufacturer, carried out the initial product type test on samples, initial audit at the manufacturing plant and has assessed the factory production control system and ascertained that the product concerned meets the requirements related to essential requirements of the abovementioned Government Regulation set by Construction Technical Certificate 202-STO-B-00785-25 of 2025-05-12 issued by the Authorised Body 202 and valid until 2030-05-11 and that the factory production system is consistent with the relevant technical documentation and ensures that the products being placed on the market meet the requirements laid down by the abovementioned Construction Technical Certificate and that they are consistent with the technical documentation pursuant to Section 4 (3) of the aforesaid Government Regulation.

An integral part of this Certificate is Final Report 30-17396/MZ of 2025-05-28, which contains the conclusions drawn from the ascertainment, verifications, test results and the essential description of the certificated product, necessary for its identification.

This Certificate was first issued on 2025-05-30 and will remain valid as long as the requirements that are laid down by the Construction Technical Certificate, to which reference is made, or the production conditions at the manufacturing plant or the factory production control system remain substantially unchanged, unless this Certificate is amended or cancelled by the Authorized Body.

At least once every 12 months, the Authorized Body performs surveillance of proper operation of the factory production control system at the Manufacturer's premises or at the Distributor's premises pursuant to provisions of Section 5a (2) or Section 5a (3) of the abovementioned Government Regulation. The Authorised Body shall issue a report on evaluation of the surveillance and pass it to the Manufacturer or to the Distributor

Brno, 2025-05-30



Ing. Tomáš Hruška
Director

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Specification of the products:

Max. operating pressure (MOP):	5 bar (MOP 5/GT 5)
Operating media:	gaseous fuels of the 1st, 2nd and 3rd classes as per ČSN EN 437:2021
Operating temperature:	-20°C to +70 °C
Pipe material::	copper Cu-DHP (CW024A)
Fitting material:	copper Cu-DHP (CW024A) brass CuZn21Si3P (CW724R)
O-ring:	HNBR (yellow), model TEC H16 GI-70 giallo

Description	Designation	Dimensions [mm]
PIPE	---	15x1; 18x1; 22x1; 28x1; 35x1; 42x1; 54x1.5
45° ELBOW FF	681/450 AG	15; 18; 22; 28; 35; 42; 54
45° ELBOW MF	681/451 AG	15; 18; 22; 28; 35; 42; 54
90° ELBOW FF	681/900 AG	15; 18; 22; 28; 35; 42; 54
90° ELBOW MF	681/901 AG	15; 18; 22; 28; 35; 42; 54
90° ELBOW MALE BSP	697 AG	15xR3/8; 15xR1/2; 18xR1/2; 18xR3/4; 22xR3/4; 28xR1; 35xR11/4; 42xR11/2; 54xR2
90° ELBOW FEMALE BSP	698 AG	15xRp3/8; 15xRp1/2; 15xRp3/4; 18xRp1/2; 18xRp3/4; 22xRp1/2; 22xRp3/4; 22xRp1; 28xRp3/4; 28xRp1; 35xRp11/4; 42xRp11/2; 54xRp2
ELBOW ADAPTER 90° WITH MALE THREAD	697/B AG	15xR3/8; 15xR1/2; 18xR1/2; 18xR3/4; 22xR3/4; 28xR1; 35xR11/4; 42xR11/2; 54xR2
ELBOW ADAPTER 90° WITH FEMALE THREAD	698/B AG	15xRp3/8; 15xRp1/2; 15xRp3/4; 18xRp1/2; 18xRp3/4; 22xRp1/2; 22xRp3/4; 22xRp1; 28xRp3/4; 28xRp1; 35xRp11/4; 42xRp11/2; 54xRp2
EQUAL TEE	682 AG	15; 18; 22; 28; 35; 42; 54
REDUCING TEE	692 AG	18x15x18; 22x15x22; 22x18x22; 28x15x28; 28x18x28; 28x22x28; 35x15x35; 35x18x35; 35x22x35; 35x28x35; 42x22x42; 42x28x42; 42x35x42; 54x22x54; 54x28x54; 54x35x54; 54x42x54
BRANCH TEE FEMALE BSP OUTLET	689 AG	15xRp3/8x15; 15xRp1/2x15; 18xRp1/2x18; 22xRp1/2x22; 22xRp3/4x22; 28xRp1/2x28; 28xRp3/4x28; 28xRp1x28; 35xRp1/2x35; 42xRp1/2x42; 54xRp1/2x54
COUPLING	683/000 AG	15; 18; 22; 28; 35; 42; 54
SLIP COUPLING	683/001 AG	15; 18; 22; 28; 35; 42; 54
VALVE CONNECTOR	683/002 AG	15xG1/2; 15xG3/4; 18xG3/4; 22xG3/4; 22xG1; 28xG1; 28xG11/4; 28xG11/2; 35xG11/4; 35xG11/2; 42xG11/2; 42xG2; 54xG2; 54xG21/2
STOP END	683/003 AG	15; 18; 22; 28; 35; 42; 54
MALE ADAPTER	687 AG	15xR3/8; 15xR1/2; 15xR3/4; 18xR1/2; 18xR3/4; 22xR1/2; 22xR3/4; 22xR1; 28xR3/4; 28xR1; 28xR11/4; 35xR1; 35xR11/4; 35xR11/2; 42xR11/4; 42xR11/2; 54xR11/2; 54xR2
FEMALE ADAPTER	690 AG	15xRp3/8; 15xRp1/2; 15xRp3/4; 18xRp1/2; 18xRp3/4; 22xRp1/2; 22xRp3/4; 22xRp1; 28xRp1/2; 28xRp3/4; 28xRp1; 28xRp11/4; 35xRp3/4; 35xRp1; 35xRp11/4; 42xRp11/4; 42xRp11/2; 54xRp2
REDUCER MF	691 AG	18x15; 22x15; 22x18; 28x15; 28x18; 28x22; 35x22; 35x28; 42x22; 42x28; 42x35; 54x35; 54x42
FLAT FACED UNION	684/001 AG	15; 18; 22; 28; 35; 42; 54
STRAIGHT MALE UNION CONNECTOR	684/002 AG	15xR1/2; 15xR3/4; 18xR1/2; 18xR3/4; 22xR1/2; 22xR3/4; 22xR1; 28xR3/4; 28xR1; 35xR11/4; 42xR11/2; 54xR2
MALE REDUCTION SOCKET	669/M U	15xR1/2; 18xR1/2; 18xR3/4; 22xR1/2; 22xR3/4; 28xR3/4; 28xR1; 35xR11/4; 42xR11/2; 54xR2
FEMALE REDUCTION SOCKET	669/F U	15xRp3/8; 15xRp1/2; 18xRp1/2; 18xRp3/4; 22xRp1/2; 22xRp3/4; 28xRp3/4; 28xRp1; 35xRp11/4; 42xRp11/2; 54xRp2
WALL PLATE ELBOW 90° WITH FEMALE THREAD	685/000 AG	15xRp1/2; 18xRp1/2; 22xRp3/4
CORNER TEE WITH WALL FLANGE	685/003 AG	15xRp1/2x15; 18xRp1/2x18; 22xRp1/2x22
PIPE BRIDGE MF	679/001 AG	15; 18; 22
PIPE BRIDGE FF	679/002 AG	15; 18; 22
COUPLING ADAPTER	683/000A AG	15x14; 15x16; 18x16
REDUCTION SOCKET- ADAPTER	669/FA AG	14x15; 16x15; 16x18

