

Itap s.p.a.
Società Unipersonale appartenente al "GRUPPO FINPAT
di Agostino Patti e C. Sapa"
via Ruca 19/21
P.O. Box 3
25065 Lumezzane S.S. (BS) Italia



DECLARATION OF CONFORMITY TEST REPORT EN 10204 2-2

Receiver:

CSONKA LASZLO – JOLEX EXPORT-IMPORT
DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
894V Straight convertible valve, female thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 110 °C

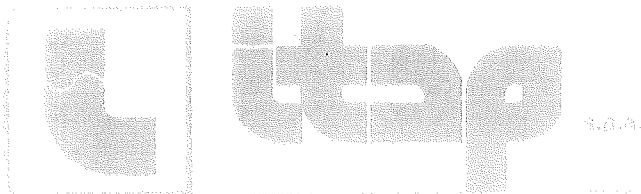
Manufactured in compliance with UNI EN 215 standard

Final testing:

100% of the production

Lumezzane, 03/12/2014

Luca Bertoloni
Quality Assurance Manager
ITAP S.p.A.



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DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
995C Angle convertible valve, male thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 110 °C

Manufactured in compliance with UNI EN 215 standard

Final testing:

100% of the production

Lumezzane, 03/12/2014

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CSONKA LASZLO – JOLEX EXPORT-IMPORT
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Articles:	Dimension	Quantity
891 Thermostatic control head with Oil-filled element		every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

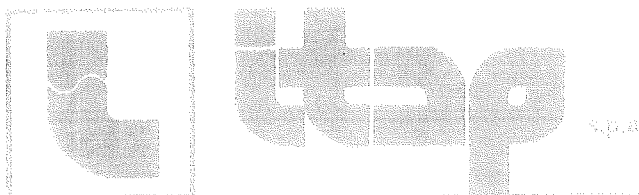
All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Maximum pressure: 10 bar
Maximum differential pressure: 1.5 bar
Maximum working temperature: 110 °C
Hysteresis : 0.5 K
Response time: 30 min

Manufactured in compliance with UNI EN 215 standard

Lumezzane, 03/12/2014

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Receiver:

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WIEN
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Articles:	Dimension	Quantity
294 Straight manual valve, female thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

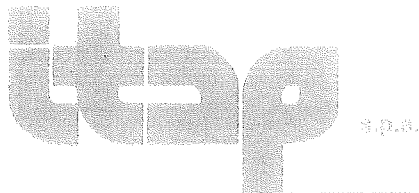
Maximum working temperatures: 110 °C

Final testing:

100% of the production

Lumezzane, 03/12/2014

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Quality Assurance Manager
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Receiver:

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Invoice

Articles:	Dimension	Quantity
295 Straight manual valve, male thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

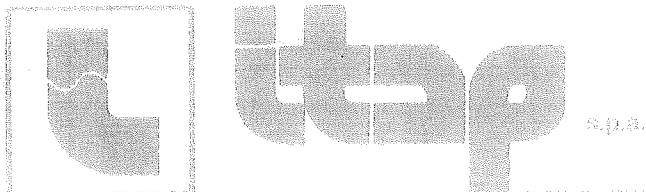
Maximum working temperatures: 110 °C

Final testing:

100% of the production

Lumezzane, 15/12/2014

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Invoice

Articles:	Dimension	Quantity
296 Straight lockshield, female thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

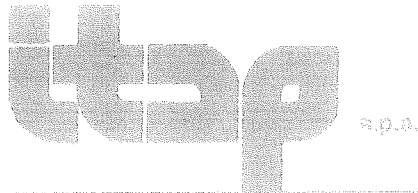
Maximum working temperatures: 110 °C

Final testing:

100% of the production

Lumezzane, 15/12/2014

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Invoice

Articles:	Dimension	Quantity
297 Straight lockshield, male thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 110 °C

Lumezzane, 15/12/2014

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Articles:	Dimension	Quantity
394 Angle manual valve, female thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001s

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

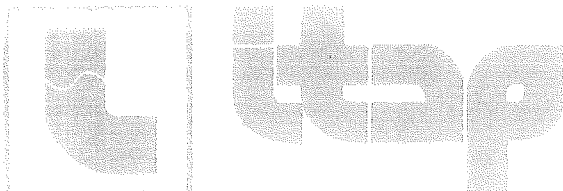
Maximum working temperatures: 110 °C

Final testing:

100% of the production

Lumezzane, 15/12/2014

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WIEN
Austria

Invoice

Articles:	Dimension	Quantity
395 Angle manual valve, male thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

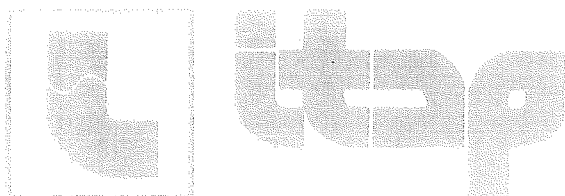
Maximum working temperatures: 110 °C

Final testing:

100% of the production

Lumezzane, 15/12/2014

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Articles:	Dimension	Quantity
396 Angle lockshield, female thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

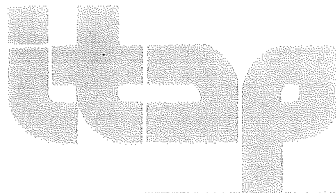
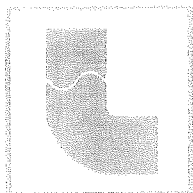
Maximum working temperatures: 110 °C

Final testing:

100% of the production

Lumezzane, 15/12/2014

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Articles:	Dimension	Quantity
397 Angle lockshield, male thread	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body, adaptor and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

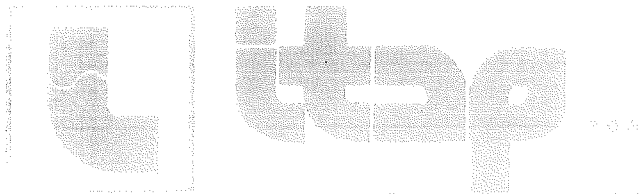
Cap: Plastic ABS
O-Ring: EPDM 70 SH/A
O-Ring: NBR 70 SH/A

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 110 °C

Lumezzane, 03/12/2014

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Receiver:

CSONKA LASZLO – JOLEX EXPORT-IMPORT
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WIEN
Austria

Invoice

Articles:	Dimension	Quantity
305 Straight two-pipe valve	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem and ball: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

End-adapter sealing ring: NBR 70SH
Stem sealing ring: EPDM 70SH
Gasket for end-adapter: EPDM 80SH
Block ring : AISI 304

Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Radiator connection: 3/4" flat seat

Pipe connection: 3/4" Eurokonus

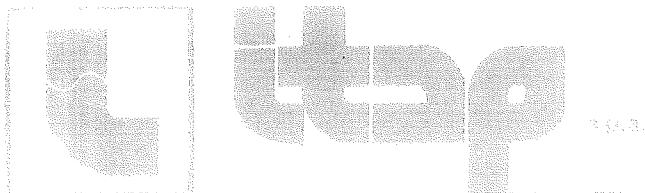
Centres distance: 50mm

Maximum working temperatures: 110 °C.

Maximum working pressure: 10 bar

Lumezzane, 03/12/2014

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Articles:	Dimension	Quantity
315 Angle two-pipe valve	every dimension	every quantity

Check of the dimensions

Conform to the catalogue's dimensions

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body and nut: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem and ball: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

End-adapter sealing ring: NBR 70SH
Stem sealing ring: EPDM 70SH
Gasket for end-adapter: EPDM 80SH
Block ring : AISI 304
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Radiator connection: 3/4" flat seat

Pipe connection: 3/4" Eurokonus

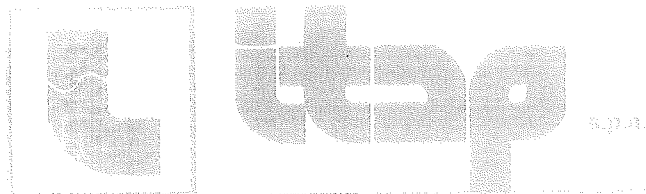
Centres distance: 50mm

Maximum working temperatures: 110 °C.

Maximum working pressure: 10 bar

Lumezzane, 03/12/2014

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WIEN
Austria

Invoice

Articles:	Dimension	Quantity
917 Pre-assembled manifold with flow meters	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Flow and return manifold: Stainless steel AISI 304L

C max	S max	P max	Si max	Mn max	Cr	Ni	N max
0.03	0.03	0.45	1.0	2.0	18÷20	10÷12	0.11

O-Ring: EPDM

Adjustable end-fitting: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

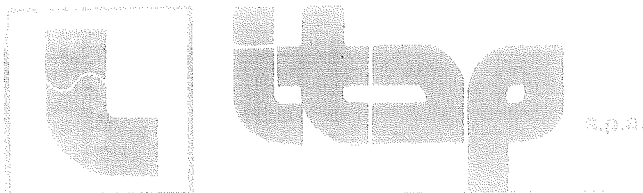
Threads: ISO 228 (Equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 70 °C

Maximum working pressure: 6 bar (10 bar for installation test)

Lumezzane, 03/12/2014

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Screw: Zincplated steel Fe CB4
T Handle: Aluminium
O-Ring: NBR 70 SH/A
O-Ring: Viton 70 SH/A
Seal: P.T.F.E

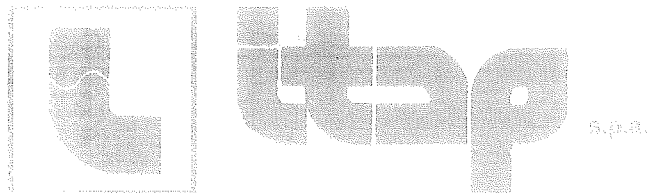
Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 70 °C

Maximum working pressure: 6 bar (10 bar for installation test)

Lumezzane, 03/12/2014


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25065 Lumezzane S.S. (BS) Italia



DECLARATION OF CONFORMITY TEST REPORT EN 10204 2-2

Receiver:

CSONKA LASZLO – JOLEX EXPORT-IMPORT
DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
917DE Pre-assembled manifold with flow meters, air vent valves and drain cock	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Flow and return manifold: Stainless steel AISI 304L

C max	S max	P max	Si max	Mn max	Cr	Ni	N max
0.03	0.03	0.45	1.0	2.0	18÷20	10÷12	0.11

Body automatic vent and cap: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

O-Ring: NBR

Floating: Polypropilenic resin

Fill and drain connections with cap/wrench: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Seal: P.T.F.E

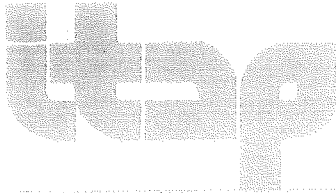
O-Ring: EPDM

Adjustable end-fitting: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Stem: CW 614N – UNI EN 12164

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining



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DECLARATION OF CONFORMITY TEST REPORT EN 10204 2-2

Receiver:

CSONKA LASZLO – JOLEX EXPORT-IMPORT
DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
922 Pre-assembled manifold with lockshields	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Flow and return manifold: Stainless steel AISI 304L

C max	S max	P max	Si max	Mn max	Cr	Ni	N max
0.03	0.03	0.45	1.0	2.0	18÷20	10÷12	0.11

O-Ring: EPDM

Adjustable end-fitting: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

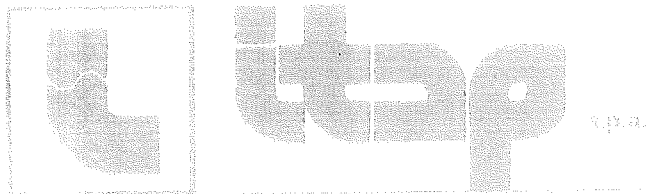
Threads: ISO 228 (Equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 70 °C

Maximum working pressure: 6 bar (10 bar for installation test)

Lumezzane, 03/12/2014

Luca Bertoloni
Quality Assurance Manager
ITAP S.p.A.



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Receiver:

CSONKA LASZLO – JOLEX EXPORT-IMPORT
DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
922MO Pre-assembled manifold, with air vent valves	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Flow and return manifold: Stainless steel AISI 304L

C max	S max	P max	Si max	Mn max	Cr	Ni	N max
0.03	0.03	0.45	1.0	2.0	18÷20	10÷12	0.11

Body automatic vent and cap: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

O-Ring: NBR

Floating: Polypropilenic resin

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 70 °C

Maximum working pressure: 6 bar (10 bar for installation test)

Lumezzane, 03/12/2014

Luca Bertoloni
Quality Assurance Manager
ITAP S.p.A.



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Receiver:

CSONKA LASZLO – JOLEX EXPORT-IMPORT
DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
990 Electric actuator for zone ball valves	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Materials

Case: Nylon

Bidirectional electric actuators

Supplied with an auxiliary microswitch

Power consumption: 4VA

Minimum and maximum working ambient temperatures: -5°C, 70 °C

Class of protection: IP54

Capacity of the auxiliary connection: 2A

Operating time: 25 or 50 seconds

Angle of rotation: 90°

Starting torque: 50" model 10Nm

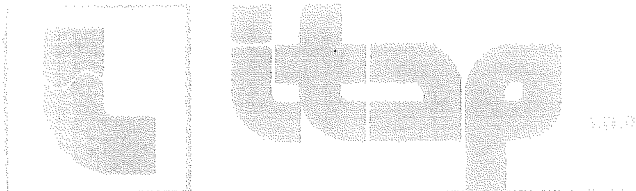
25" model 5 Nm

O-ring: EPDM 70 SH/A

Seal: Pure P.T.F.E

Lumezzane, 03/12/2014

Luca Bertoloni
Quality Assurance Manager
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DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
991 Electric actuator for zone ball valves With manual unlocking device	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Materials

Case: Nylon

Bidirectional electric actuators

Supplied with an auxiliary microswitch

Power consumption: 4VA

Minimum and maximum working ambient temperatures: -5°C, 70 °C

Class of protection: IP54

Capacity of the auxiliary connection: 2A

Operating time: 25 or 50 seconds

Angle of rotation: 90°

Starting torque: 50" model 10Nm

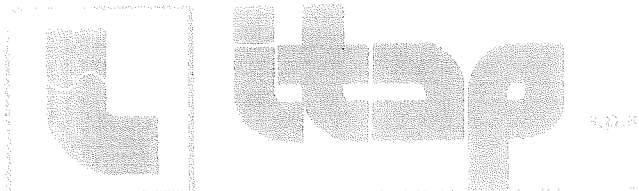
25" model 5 Nm

o-ring: EPDM 70 SH/A

Seal: Pure P.T.F.E

Lumezzane, 03/12/2014

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Receiver:

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DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
989 Electric actuator for 2-way zone ball valves	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Materials

Case: Babyblend

Unidirectional electric actuators

Supplied with an auxiliary microswitch

Power consumption: 4VA

Minimum and maximum working ambient temperatures: -5°C, 50 °C

Class of protection: IP44

Operating time: 90 seconds

Angle of rotation: 90°

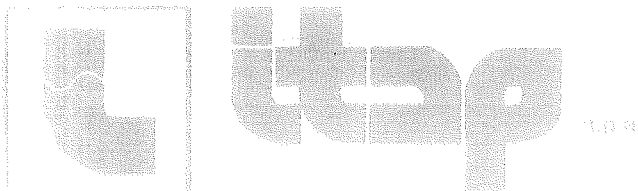
Starting torque: 10Nm

O-ring: EPDM 70 SH/A

Seal: Pure P.T.F.E

Lumezzane, 03/12/2014

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Articles:	Dimension	Quantity
465 Modular distribution manifold with shut-off Valves, male outlets	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body : CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Plug, bonnet and check screw: CW 614N – UNI EN 12164

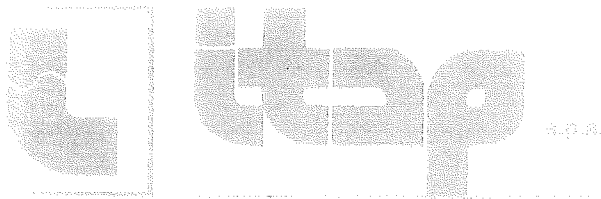
Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
58÷59	2.3÷3.5	0.3	0.3	0.05	0.3	0.2	Remaining

Handle: Plastic ABS
O-Ring: NBR 70 SH/A
Ring: Steel
Washer: Aluminium
Washer: NBR 70 SH/A
Disk: Aluminium
Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperatures: 110 °C

Lumezzane, 03/12/2014

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WIEN
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Articles:	Dimension	Quantity
489A Adjustable end piece with drain valve and automatic air vent valve	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures
reported on the catalogue

Materials

Body an cap: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

O-Ring: NBR
Floating: Polypropilenic resin

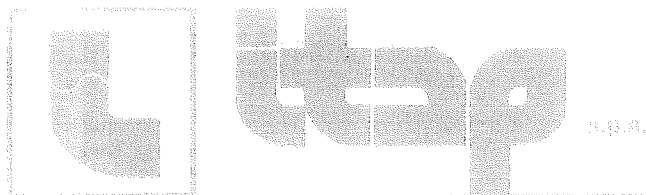
Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Minimum and maximum working temperatures: 0°C, 80 °C.

Maximum working pressure: 10 bar.

Lumezzane, 03/12/2014

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Invoice

Articles:	Dimension	Quantity
489M Adjustable end piece with drain valve and manual air vent valve	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Body an cap: CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

O-Ring: NBR
Floating: Polypropilenic resin

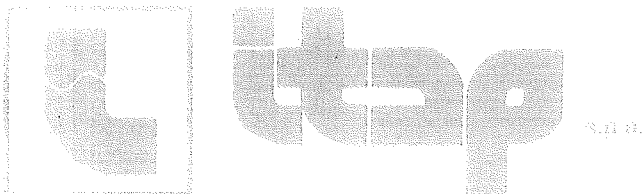
Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Minimum and maximum working temperatures: 0°C, 80 °C.

Maximum working pressure: 10 bar.

Lumezzane, 03/12/2014

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Articles:	Dimension	Quantity
490 Male end fitting for manifolds	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Art. 490 : CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)
Size of the first outlet: 1/2"
Size of the second outlet: 3/8"

Maximum working temperatures: 110 °C.

Maximum working pressure: All size 10 bar

Lumezzane, 03/12/2014

Luca Bertoloni
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Receiver:

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DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
490 Adjustable male end fitting for manifolds	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Art. 490 : CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)
Size of the outlets: 1/2"

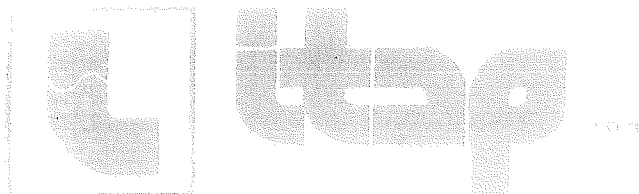
Oring: NBR

Maximum working temperatures: 110 °C.

Maximum working pressure: All size 10 bar

Lumezzane, 03/12/2014

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Receiver:

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DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
491 Female end fitting for manifolds	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Art. 490 : CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

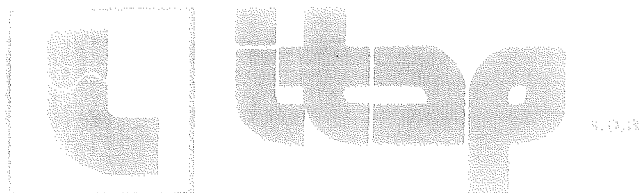
Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)
Size of the first outlet: 1/2"
Size of the second outlet: 3/8"

Maximum working temperatures: 110 °C.

Maximum working pressure: All size 10 bar

Lumezzane, 03/12/2014

Luca Bertoloni
Quality Assurance Manager
ITAP S.p.A.



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Receiver:

CSONKA LASZLO – JOLEX EXPORT-IMPORT
DIETRICHGASSE 51/6/25
WIEN
Austria

Invoice

Articles:	Dimension	Quantity
492 Thermometer fitting	every dimension	every quantity

Check of the dimensions

In compliance with Quality System with reference to ISO 9001

Pressure's test

All the specified valves overcome our internal tests act to guarantee the withstand at the maximum pressures reported on the catalogue

Materials

Art. 492 : CW 617N – UNI-EN 12165

Cu	Pb	Sn max	Fe max	Al max	Ni max	Further impurity Total max	Zn
57÷59	1.6÷2.5	0.3	0.3	0.05	0.3	0.2	Remaining

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)

Maximum working temperature: 110 °C

Maximum working pressure: 10 bar

Lumezzane, 03/12/2014

Luca Bertoloni
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