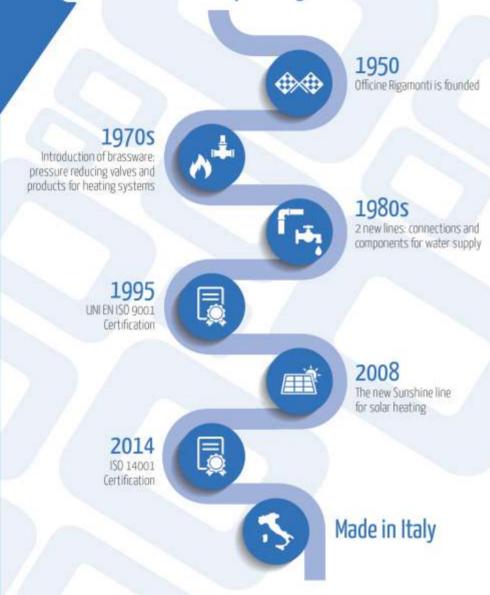


PRESSURE REDUCING VALVES

The Company









Since 1950, through the constant work of research and development, the products manufactured by Officine Rigamonti represent the excellence of **Made in Italy in the world**, earning certifications that attest the compliance with the different quality standards required.

The Company has grown continually over the years and today it has **5 product lines**: pressure reducing valves, heating, components for water supply, connections and components for solar heating.

Thanks to its **fully in-house production chain** - with R&D laboratories, forging facilities and shipping department - Officine Rigamonti is capable of providing flexible ad-hoc solutions and **OEM supplies**.

Passion for quality, constant desire of **innovation** and **attention to customer needs** have always been the driving forces behind the work of Officine Rigamonti.

PRESSURE REDUCING VALVES

The use of a pressure reducing valve is necessary for limiting the working pressure in pipelines for water distribution systems, in cases where, at any point in the water supply system, it is possible that the maximum static pressure reaches or exceeds the relative maximum allowable working pressure. The pressure reducing valve is furthermore necessary when there are attached appliances and equipment that operates only at lower levels of pressure.

Certifications

The products made by Officine Rigamonti obtained the major certifications of the sector, a guarantee of the quality standards achieved and required by the main international markets.

Our product range includes:

PREMIUM

DIAPHRAGM





PISTON



DIAPHRAGM



0204 • 1/2" - 3/4"
PRESSURE REDUCING VALVES WITH DIAPHRAGM LOW PRESSURE PN 10

with compensation chamber and stainless steel seat Connections: F-F PN: 10 Setting range: 0+1 bar T max: 80°C



0212 - 3/4"

T max: 80°C

PRESSURE REDUCING VALVES WITH DIAPHRAGM MINI PN 16 with stainless steel seat Connections: F-F PN: 16 Setting range: 1=5,5 bar



0225 - 1/2" - 1"

PRESSURE REDUCING VALVES WITH DIAPHRAGM RIO EXPORT PN 16 nickel plated with stainless steel seat Connections: F-F PN: 16 Setting range: 1,5+7 bar I max: 80°C



0226 • 3/8" - 2"

PRESSURE REDUCING VALVES WITH DIAPHRAGM RIO EXPORT PN 16

with stainless steel seat Connections: F-F PN: 16 Setting range: 1.5+7 bar T max: 80°C



0228 - 1/2" - 1"

PRESSURE REDUCING VALVES WITH. DIAPHRAGM RIO EXPORT PN 16

with stainless steel seat Connections: dismantling fittings M-M PN: 16 Setting range: 1,5+7 bar T max: 80°C



0224 - 1/2" - 2"

PRESSURE REDUCING VALVES WITH DIAPHRAGM PN 25

with compensation chamber and stainless steel seat Connections: F-F PN: 25 Setting range: 1+7 bar T max: 80°C



0204 - 1/2" - 4"

PRESSURE REDUCING VALVES WITH DIAPHRAGM PN 40

with compensation chamber and stainless steel seat Connections: F-F PN: 40 Setting range: 1+7 bar T max: 80°C



0223 - 1/2" - 2"

PRESSURE REDUCING VALVES WITH DIAPHRAGM PN 40

with filter, compensation chamber and stainless steel seat Connections: dismantling fitting M-F PN: 40 Setting range: 1=7 bar T max: 80°C



0227 - 1/2" - 2"

PRESSURE REDUCING VALVES WITH DIAPHRAGM PN 40

with compensation chamber and stainless steel seat Connections: dismantling fittings M-M PN: 40 Setting range: 1+7 bar T max: 80°C



0229 - 1/2" - 4"

PRESSURE REDUCING VALVES WITH DIAPHRAGM PN 40

with compensation chamber and stainless steel seat, in DZR brass Connections: F-F PN: 40 Setting range: 1+7 bar T max: 80°C

PREMIUM



0216 - 1/2" - 2"

PRESSURE REDUCING VALVES WITH DIAPHRAGM TWIST

with incorporated filter, adjustment knob and compensated system, in DZR brass. Available with and without pressure gauge Connections: dismantling fittings M-M PN: 25
Setting range: 1 + 6 bar or 1 + 12 bar T max: 80°C



0200 - 1/2" - 1"1/4

PRESSURE REDUCING VALVES WITH DIAPHRAGM TEUTON PN 40

with incorporated filter and stainless steel seat with compensation system Connections: dismantling fittings M-M PN: 40 Setting range: 1 + 6.5 bar Timax: 80°C



0210 - 3/4"

PRESSURE REDUCING VALVES WITH DIAPHRAGM ITEAU PN 25

with stainless steel seat, in DZR brass, with multi-threaded adaptors Connections: F-F PN: 25 Setting range 1 ÷ 6 bar. T max: 80°C

PISTON



0232.0 • 3/8" - 3/4"
PRESSURE REDUCING VALVES WITH
PISTON SABO PN 16
nickel plated with gauge connection
Connections: F-F
PN: 16
Setting range: 1+5.5 bar
Timax: 130°C



PRESSURE REDUCING VALVES WITH
PISTON SABO PN 16
nickel plated without gauge connection
connections:F-F
PN: 16
Setting range: 1*5,5 bar
T max: 130°C



O232.3 • 1/2" - 3/4"

PRESSURE REDUCING VALVES WITH
PISTON SABO PN 16
nickel plated with gauge connection
Connections: M-M
PN: 16
Setting range: 1 > 5.5 bar
T max: 130°(



O232.5 • 1/2" - 3/4"

PRESSURE REDUCING VALVES WITH
PISTON SABO PN 16
nickel plated with gauge connection
Connections: M- swivel nut F
PN: 16
Setting range 1+5,5 bar
T max: 130°C



0232.6 • 3/4"

PRESSURE REDUCING VALVES WITH PISTON SABO PN 16 nickel plated with gauge connection Connections: swivel nut F-M PN: 16

Setting range: 1=5,5 bar
T max: 130°C



O202 • 1/2"
PRESSURE REDUCING VALVES WITH
PISTON EOLO PN 20
nickel plated without gauge connection
Connections: F-F
PN: 20
Setting range: 1+7 bar
T max: 80°C



0233 - 1/2" - 4"

PRESSURE REDUCING VALVES WITH PISTON PN 25

nickel plated, with compensation system and stainless steel seat Connections: F-F PN: 25 Setting range: 1+5,5 bar T max: 130°C. Light version available for sizes 1"1/2 - 2" -3"



0234.0 - 1/2" - 2"

PRESSURE REDUCING VALVES WITH PISTON PN 25

with compensation system and stainless steel seat Connections: dismantling fittings M-M PN: 25 Setting range: 1+5.5 bar T max: 130° C



0234.1 - 1/2" - 2"

PRESSURE REDUCING VALVES WITH PISTON PN.25

rickel plated, compensation system and stainless steel seat Connections: dismantling fittings M-M PN: 25 Setting range: 1+5,5 bar T max: 130°C



0236.0 - 1/2" - 2"

PRESSURE REDUCING VALVES WITH PISTON PN 25

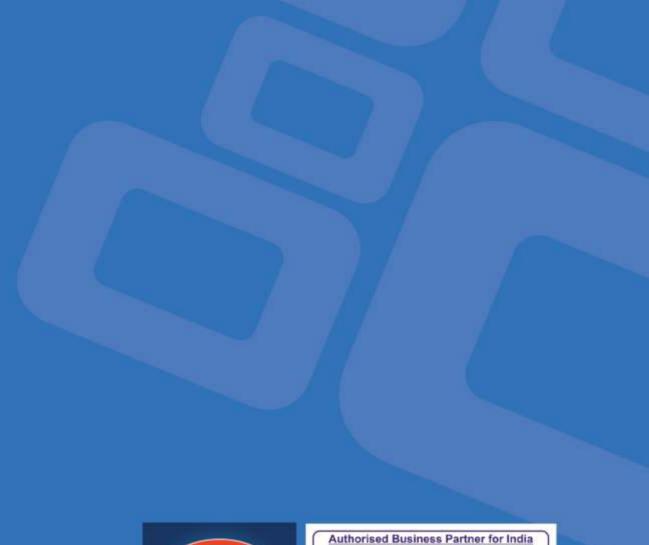
with compensation system and stainless steel seat Connections: dismantling fittings F-F PN: 25 Setting range: 1+5.5 bar T max: 130°C



0236.1 - 1/2" - 2"

PRESSURE REDUCING VALVES WITH PISTON PN 25

nickel plated, compensation system and stainless steel seat Connections: dismantling fittings F-F PN: 25 Setting range: 1+5,5 bar T max: 130°C







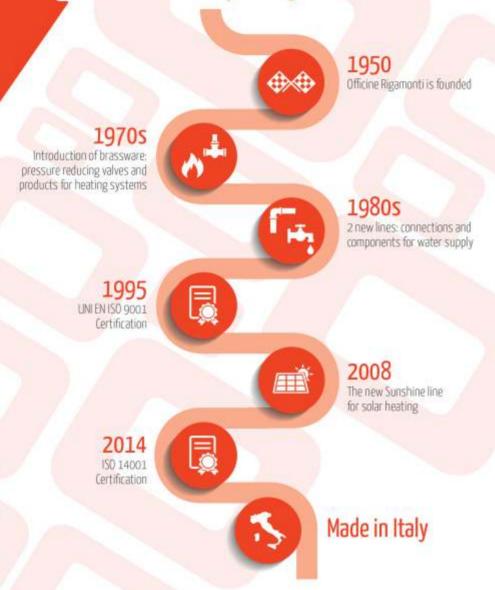
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LINE AS HEATING

The Company









Since 1950, through the constant work of research and development, the products manufactured by Officine Rigamonti represent the excellence of **Made** in **Italy in the world**, earning certifications that attest the compliance with the different quality standards required.

The Company has grown continually over the years and today it has **5 product lines**: pressure reducing valves, heating, components for water supply, connections and components for solar heating.

Thanks to its **fully in-house production chain** - with R&D laboratories, forging facilities and shipping department - Officine Rigamonti is capable of providing flexible ad-hoc solutions and **OEM supplies**.

Passion for quality, constant desire of **innovation** and **attention to customer needs** have always been the driving forces behind the work of Officine Rigamonti.

HEATING (*)

Automatic air vents

The automatic air vents has a paramount importance in climatisation networks and systems, evacuating and discharging trapped air in water pipes for services under pressure.

Pressure safety valves

The pressure safety valves are used to protect the boiler on sanitary systems for the production of hot water.

Adjustable pressure relief valves with free and with conveyed discharge

The adjustable pressure relief valves with free discharge and conveyed discharge are used both on water inlet heating generator and as additional safety device.

Under-boiler magnetic dirt separator Vortex

The under-boiler magnetic dirt separator **VORTEX** allows for the removal of dirt and debris from the heat transfer fluid circulating within the heating systems. It can be installed either in a straight configuration or in angle configuration.

Automatic feeders

The automatic feeders assure a constant preset pressure for the heat-transfer fluid in the system, by restoring automatically any missing water.

Motorized zone valves

The zone valves are normally used when subdividing centralized heating systems into zones. Installed at the source of a single zone and correctly connected to a local room thermostat, these valves permit to interrupt the flow of heat-transfer fluid once the desired temperature is reached.

Safety group Safe

The Safety Group SAFE has been designed to protect closed circuit heating systems. The device contains a gauge, an air vent and a safety valve.

Air separators

The air separators can be used to connect numerous devices that regulate and monitor the operating conditions of the system.

Adjustable thermostatic mixing valves

The thermostatic mixing valve is installed on sanitary hot water systems in order to regulate the temperature of the hot water at end use, fulfilling at the same time the function of anti-burning device.

Thermostatic anti-condensation valves

The thermostatic anti-condensation valves have been designed to be installed on systems with a solid fuel generator. Keeping the inlet fluid temperature above a minimum value, the device reduces the amount of condensation occurring on the heat exchangers, thus preventing tar resid.

Balancing valves

The static and dynamic balancing valves are intended to correctly balance all the points of use of the system, in order to level the heat spread by the heating elements.

Connection units for biomass

The connection units for biomass are preassembled systems enabling the separation of the traditional heating system circuit from the circuit of the biomass system.

Pump circulation units

The preassembled pump circulation units are modular and versatile systems conceived for the configuration of heating plants.

Kory valves and Var valves

The anti-siphon check valve KORY is used in combination with pumping systems to prevent the backflow of water in sanitary hygienic plants or in heating systems. The VAR model check valve is designed for potable water supply systems and allows reduction of the flow by turning the handwheel, until a complete flow shut-off.

Discharging faucets

The discharge tap is used to manually discharge air from radiators and heating elements.

Gauges and thermometers

A wide choice of gauges, thermometers and thermometers-gauges, with back or bottom connection, several scales and bodies of various dimensions.

Manifolds

The manifolds are used to distribute heat-transfer fluid in climatisation systems of all sorts. Its reduced horizontal space requirement, renders it particularly ideal for the track of simple hydraulic networks feeding single terminal units.

Certifications

The products made by Officine Rigamonti obtained the major certifications of the sector, a guarantee of the quality standards achieved and required by the main international markets.



0499 • 3/8" - 1/2" AUTOMATIC AIR VENTS with a-ring Connection: M



0500 • 3/8"-1/2"
ALTOMATIC
AIR VENTS
angle discharge
without o-ring
Connection: M



0501 • 3/8" - 1/2"
ALITOMATIC
AIR VENTS VALMAT
yellow and nickel
plated
with o-ring
Connection: M



0502 • 3/8"-1" ALTOMATIC AIR VENTS VALMAT Yellow and nickel plated without o-ring Connection: M



0502.4 • 3/8"-1/2"
ALITOMATIC
AIR VENTS VALMAT
angle connection 90°
nickel plated
Connection: M



0502.025 • 1" ALITOMATIC AIR VENTS VALMAT HIGH CAPACITY yellow Connection: M



0539 • 3/8" - 1/2"
SHUT OFF VALVES
FOR AUTOMATIC
AIR VENTS
With/without o-ring
yellow and nickel plated
Connections, F-M



0493 • 1/2" - 3/4"
PRESET SAFETY VALVES
WITH DIAPHRAGM
with handwheel activation CE-1115
Directive PED 2014/68/EU
Connections: M-F



0496 • 1/2"-3/4"
PRESET SAFETY VALVES
WITH DIAPHRAGM
with handwheel activation Œ-1115
Directions: F-F



0510 • 1/2"
PRESET SAFETY VALVES
WITH DIAPHRAGM
AND GALIGE CONNECTION
with handwheel activation CE-1115
Directive PED 2014/68/EU
Connections: M-F



0485 • 1/2"
PRESET SAFETY VALVES
WITH DIAPHRAGM UGHT
with hardwheel activation (E-1115
Directive PED 2014/68/EU
Connections, M-F



0487 • 1/2" - 3/4"
PRESET SAFETY VALVES
WITH DIAPHRAGM LIGHT
with handwheel activation (E-1115)
Directive PED 2014/68/EU
Connections: F-F



0488 • 1/2"
PRESET SAFETY VALVES
WITH DIAPHRAGM AND GAUGE
CONNECTION LIGHT
with handwheel activation (E-1115)
Birective PED 2014/68/EU



Connections: F-F

1810.0-1820.0-1830.0 •1/4"-2"

ADJUSTABLE PRESSURE RELIEF VALVES with free discharge CE marked Directive PED 2014/68/UE Connection: M



0489 • 1/2"

PRESET SAFETY VALVES
WITH DIAPHRAGM AND GAUGE
CONNECTION LIGHT
with handwheel activation (E-1115)
Directive PED 2014/68/EU
Connections: M-F



0490 • 1/2"-1"
PRESET SAFETY VALVES
WITH DIAPHRAGM
with lever activation CE-1115
Directive PED 2014/68/EU
Connections: M-F



0495 • 1/2"-1"
PRESET SAFETY VALVES
WITH DIAPHRAGM
with lever activation CE-1115
Directive PED 2014/68/EU
Connections: F-F



O511 • 1/2"
PRESET SAFETY VALVES
WITH DIAPHRAGM
AND GAUGE CONNECTION
with lever activation CE-1115
Directive PED 2014/68/EU
Connections: M-F



1810.1-1820.1-1830.1 •1/4"-2"

SAFETY VALVES PRESET AND LEAD-SEALED with free discharge CE-1115 Directive PED 2014/68/EU Connection: M



1811.0-1821.0-1831.0 • 3/8"÷3" ADJUSTABLE PRESSURE

RELIEF VALVES
with conveyed discharge CE
Directive PED 2014/68/EU
Connections: F-F



1811.1-1821.1-1831.1 -3/8"-3"

SAFETY VALVES PRESET AND LEAD-SEALED with conveyed discharge CE-1115 Directive PED 2014/68/EU Connections: F-F



1832.0-1/2"-3"
ADJUSTABLE PRESSURE
RELIEF VALVES
MANUALLY OPERATED
with conveyed discharge CE
Directive PED 2014/68/EU
Connections. F - F



NEW



0514 - 1/2"



0525 - 1/2"



0526 - 1/2"

AUTOMATIC FEEDERS RIAL
WITHINGORPORATED CHECK VALVE.
FILTER AND SHUT OFF VALVE.



ALTOMATIC FEEDERS
ALCAR-REG WITH
INCORPORATED CHECK VALVE,
FILTER AND SHUT OFF VALVE
Connections: dismantling fitting
M-F

O524 • 1/2"
ALTOMATIC FEEDERS RIAL
WITH INCORPORATED CHECK VALVE,
FLIER AND SHUT OFF VALVE
Connections:
dismantling fittings M

ALTOMATIC FEEDERS RIAL
WITH INCORPORATED CHECK VALVE,
FILTER AND SHILIT OFF VALVE
Connections:
dismantling fitting M-F



Connections: F-F

2402.0 - 1/2"-1"1/4

TWO WAYS MOTORIZED ZONE VALVES ZONNY Connections: dismantling fittings M-M



2402.1 • 1/2"-1"1/4

TWO WAYS MOTORIZED ZONE VALVES ZONNY

Connections: dismantling fitting M-F

2402.2 • 1"1/2-2"

MOTORIZED TWO WAYS ZONE VALVES ZONNY MAXI Connections: F-F



THREE WAYS MOTORIZED ZONE VALVES ZONNY

2404 - 1/2"-1"

FOUR WAYS MOTORIZED ZONE VALVES **ZONNY** WITH BY-PASS COLLECTOR Connections:







ACS



ACS ACS



0503.9 • 1"
SAFETY GROUP
SAFE
Connections F

0503.0 • 1"-3"
AIR SEPARATORS
AIR-STOP
Connections: F-F

0518.0 · 3/4"-2"1/2

ADJUSTABLE THERMOSTATIC MIXING VALVES Connections: M P max allowable: 10 bar

Connections: M P max allowable: 10 bar P max working: 5 bar T max hot water: 90°C Setting range: 30°+65°C 0518.1 · 1/2" - 2"

ADJUSTABLE THERMOSTATIC MEXING VALVES

Connections: dismantling fittings M P max allowable: 10 bar P max working: 5 bar T max hot water: 90°C Setting range: 30°+ 65°C



ADJUSTABLE THERMOSTATIC MIXING VALVES

with check valves and filters Connections: dismantling fittings M P max allowable: 10 bar P max working: 5 bar T max hot water: 90°C Setting range: 30°+65°C



0518.3 · 1/2"-1" ADJUSTABLE THERMOSTATIC

MIXING VALVES
Connections: F
P max allowable: 10 bar
P max working: 5 bar
T max hot water: 90°C.
Setting range: 30°+65°C.



0519.2 - 1/2"-2"

ACLUSTABLE THERMOSTATIC MIXING VALVES "L' CONFIGURATION

Connections unions F with built-in check valves and filters
P max allowable: 10 bar
P max working: 5 bar
T max not water: 90°C
Setting range: 30° + 65°C
Available version without dismantling:
fittings (code 0519.0)



0521 · 3/4" (Kv2.8) and 1" (Kv3.2)

THERMOSTATIC ANTICONDENSATION VALVES KV2.8 AND KV3.2

Connections: M P max static:10 bar T max inlet: 90°C Setting range: 45"+80°C



0520 · 3/4" (Kv7) and 1"1/4 (Kv9)

T max inlet: 90°(

Setting range: 50" + 75" (

THERMOSTATIC ANTICONDENSATION VALVES KV7 AND KV9
Connections: F
P max static 10 bar

0521 · 1" (Kv7

0521 · 1" (Kv7) and 1"1/2 (Kv9)

Setting range: 50° + 75°C

THERMOSTATIC ANTICONDENSATION VALVES KV7 AND KV9 Connections: M P max static:10 bar T max inlet: 90°C



0621 · 1/2" ÷ 2"

STATIC BALANCING VALVES Connections: F – F PN 25 T max: 130° C

Fixed orifice



0610 - 1/2" - 2"

DIFFERENTIAL PRESSURE CONTROL VALVES Connections: F – F PN 16

PN 16 T max: 110° C Setting range: L: 0.05 ÷ 0.30 bar H: 0.25 ÷ 0.60 bar





2200.1

CONNECTION UNITS FOR PELLET DEVICES (ONLY HEATING)

Connections: heating 3/4"
Working temperature range: 5"+90"C - Supply voltage: 230V - 50/60 Hz





2202.1

CONNECTION LINITS FOR PELLET DEVICES (HEATING + DOMESTIC HOT WATER WITH STORAGE)

Connections: heating 3/4" – EHW 3/4" Working temperature range: 5"+90"C - Supply voltage: 230V – 50/60 Hz



2250 DIRECT PUMP CIRCULATION LINITS Connections: plant side 1"F, manifold side1" 1/2 M Centre line: 125mm with and without circulator



THERMOSTATIC PUMP
CIRCULATION UNITS
Connections: plant side 1°F,
manifold side 1°1/2 M
Centre line: 125mm
with and without circulator





2201.1

CONNECTION UNITS FOR PELLET DEVICES (HEATING + INSTANTANEOUS PRODUCTION OF DOMESTIC HOT WATER)

Connections: heating 3/4" – DHW 1/2"
Working temperature range: 5"+90°C - Supply voltage: 230V – 50/60 Hz



2206.001/011 CONTROL UNITS



2206.002/3/4 PROTECTIVE COVERS



2252
MOTORIZED PLIMP
ORCULATION UNITS
Concretions: plant side 1°F,
manifold side 1°1/2 M
Centre line: 125mm
with and without circulator



ANTI-CONDENSATION PUMP
RECIRCULATION UNITS
Connections: biomass device side
1°F, plant side 1°1/2 M
Centre line 125mm
with and without circulator









2259.1 HYDRAULIC SEPARATOR Vertical or horizontal



2259.2 MOUNTING BRACKETS for hydraulic separator or pump circulation unit



0506 - 1/2" - 2" CHECK VALVES WITH SPRING VAR Connections: F-F



0507 - 1"-1"1/2 ALITOMATIC CHECK VALVES KORY Connections: F-F



0600 - 3/8"-1/2" DISCHARGING FALICETS VID'O Connection: M



0605 - 1/4" - 3/8" MANUAL AIR VENTS FOR RADIATOR with o-ring nickel plated Connection: M.



0551 - 1/2" JACKETS FOR THERMOMETER APPLICATION



0240 - 1/4" GAUGES BACK CONNECTION Diameter 40 and 63 Connection: M



0300-0301 - 1/4" SAUGES BOTTOM Diameter 50 and 63 Connection: M



0508.0-0508.1 • 1/2" THERMOMETER-GALIGES BOTTOM CONNECTION WITH SHUT-OFF VALVE



0550 THERMOMETERS BACK ONNECTION WITH JACKET Diameter 80 and 100



CONTACT THERMOMETERS WITH SPRING CONNECTION



-3/4"-1"



2000-2001-2002-2003

SIMPLE OPEN MANIFOLDS

2-3-4-5- DER. M 1/2

Connections: M-F



2010-2011-2012-2013 .3/4"-1" SIMPLE OPEN MANIFOLDS 2-3-4-5- DER F 1/2 Connections: M-F





2030-2031-2032-2033-2034 - 2035 - 2036 - 2037 -2038 - 3/4"-1" SIMPLE OPEN MANIFOLDS FROM BRASS BAR



2111 - 1/2" NUTS WITH BICONE IN RUBBER











2-3-4-5-6-7-8-9-10 DER F 1/2 Connections: F-F







2112-2113 · 1/2" PEX PIPE ADAPTORS

MULTILAYER PIPE ADAPTORS



■ REDUCTIONS FOR MANIFOLD Connections: M-M

2118-2119 - 3/4"-1"

T HEADS FOR MANIFOLD Connections: F

THEADS FOR MANIFOLD Connections: M

0113-0537 • 1/2" - 1"1/4

THREADED PLUGS Connections: F

■ THREADED PLUGS Connections: M



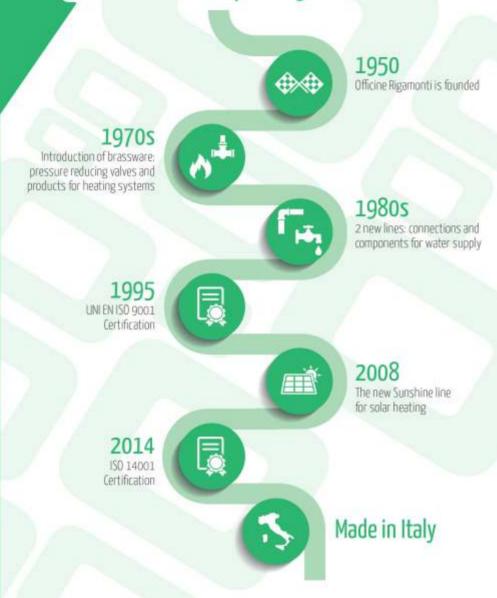
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COMPONENTS FOR WATER SUPPLY

The Company









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COMPONENTS FOR WATER SUPPLY

Ball valves Aurea and Imperium

The ball valves AUREA and IMPERIUM are shut off valves with full bore passage. They can be installed in drinking water systems as well as in heating and air conditioning systems.

Y and vertical strainers

The Y strainers and vertical strainers are manual strainers installed at the beginning of the water system or in any other piping in need of filtration.

Auto-cleaning strainers ARION®

The mechanical ARION® strainer for domestic use for drinking water treatment, is designed to separate foreign particles in suspension such as sand, rust flakes, calcareous fragments, etc., by means of a steel mesh barrier.

Auto-cleaning strainers Filt.OR

The FILTOR strainer, completely made in CR material resistant to dezinfication, is a mechanical strainer for domestic use for drinking water treatment, is designed to separate foreign particles in suspension:

Water hammer dampers

The target of the HAMMER STOP device is to absorb the water hammer and to limit damages caused by this phenomenon.

Level indicators

Level indicators are generally installed on the external side of tanks or vessels whose liquid content requires inspection for possible intervention.

Gauge holder cocks

The gauge-holder cock is used to connect any pressure measuring instrument to the water system. This device sections the fluid from the conduit into the measuring device, allowing its possible substitution.

Flow regulation valves

The flow regulation valve is an automatic and autonomous valve that regulates the position of the obturator by using exclusively the energy of the conveyed fluid.

Accessories for pumps

3 and 5-ways pump fittings are normally used as manifolds to regroup components in pumping systems. The ejector is a device that sucks the water from a well when immersed completely in the deepest part of the well and attached to a pump at the surface.

Automatic air vents high flow capacity

The HIGH FLOW CAPACITY automatic air vent is an automatic valve with single float, used for the evacuation and discharge of large volumes of air from water supply pipes.

Components for water meter systems

The INLET WATER METER assembly is a compact valve consisting in, a filtering unit and a shut off ball valve. The OUTLET WATER METER system is a compact valve consisting in, from upstream to downstream, a shut off ball valve and an inspectional EA non-return cartridge.

Anti-pollution check valves

The controllable anti-pollution check valves EA type are devices designed to be installed in the water supply in order to prevent the backflow of polluted water to the mains.

Anti-siphon vacuum breakers

The anti-siphon vacuum breaker is an inlet air-logged pressurized valve which opens when there is a pressure drop. The valve opens to permit air to enter, in case the water inlet pressure is lower than the atmospheric pressure and closes completely when the water flow returns to normal pressure.

Check and foot valves

The non-controllable check valve is a security device which operates automatically. The foot valve is an automatic device that is generally installed at the intake point of a pump to prevent the emptying of the system's pump pipeline during rest phases.

Distribution taps

The distribution taps are especially used on fountains installed outdoor, in gardens, parks or any location suitable for water supply.

Certifications

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1100 - 1/2"-4"

BALL VALVES **AUREA** STRAIGHT WITH LEVER

Connections: F-F PN 35 (1/2"-3/4") PN 28 (1"-4") T max: 140° C Chrome plated

1105 - 1/2"-2"

BALL VALVES AUREA STRAIGHT WITH LEVER

Connections; M-F PN 35 (1/2°-3/4°) PN 28 (1°-2°) T max: 140°C Chrome plated

1110 - 1/2"-1"1/4

BALL VALVES **AUREA** STRAIGHT WITH BUTTERFLY

Connections: F-F PN 35 (1/2"-3/4") PN 28 (1"-1"1/4) T max: 140°C Chrome plated

1115 - 1/2"-1"1/4

BALL VALVES **AUREA** STRAIGHT WITH BUTTERFLY

Connections: M-F PN 35 (1/2"-3/4") PN 28 (1"-1"1/4) T max: 140°C Chrome plated

1120.0 - 1/2"-1"1/4

BALL VALVES AUREA STRAIGHT WITH UNION AND BUTTERFLY

Connections: M-F PN 35 (1/2"-3/4") PN 28 (1"-1"1/4) T max: 140°C Chrome plated



1120.1 - 1/2"-1"

BALL VALVES AUREA ANGLE WITH UNION AND BUTTERFLY

Connections: M-F PN 16 T max: 120°C Chrome plated



1125 - 1/2"-2"

BALL VALVES AUREA STRAIGHT WITH EXTENDED BUTTERFLY

Connections: F-F PN 35 (1/2"-3/4") PN 28 (1"-2") T max: 110°C Chrome plated



1000 - 1/2"-2"

BALL VALVES IMPERIUM STRAIGHT WITH LEVER

Connections: F-F PN 64 (1/2") PN 40 (3/4"-1") PN 25 (1"1/4-2") T max: 160 "C Nickel-plated



1005 - 1/2"-2"

BALL VALVES IMPERSIM STRAIGHT WITH LEVER

Connections: M-F PN 64 (1/2") PN 40 (3/4"-1") PN 25 (1"1/4-2") T max: 160"C Nickel-plated



1010 - 1/2"-1"

BALL VALVES IMPERIUM STRAIGHT WITH BUTTERFLY

Connections: F-F PN 64 (1/2") PN 40 (3/4"-1") T-max: 160°C Nickel-plated



1015 - 1/2"-1"

BALL VALVES IMPERIUM STRAIGHT WITH BLITTERFLY

Connections: M-F PN 64 (1/2") PN 40 (3/4"-1") T max: 160°C Nickel-plated



1020.0 - 1/2"-1"

BALL VALVES MPERUM STRAIGHT WITH LINON AND BUTTERFLY

Connections: M-F PN 64 (1/2") PN 40 (3/4"-1") T max: 160°C Nickel-plated



1020.1 - 1/2"-1"

BALL VALVES IMPERIUM ANGLE WITH UNION BUTTERFLY

Connections: M-F PN 64 (1/2") PN 40 (3/4"-1") T max: 160°C Nickel-plated



0114 - 1/2" - 2"

Y STRAINERS

with discharge Connections: F-F PN 25 Filtration rating: 500 µm



0246 - 1/4"-3"

YSTRAINERS

Connections: F-F PN 20 Filtration rating: 400-500-600 µm (depending on size)



0249 - 1/4"-4"

Y STRAINERS

Connections: F-F PN 25 (1/4" = 2") PN 10 (2"1/2+4") Filtration rating: 300 µm or 500 µm



0250 • 1/2"-2"

VERTICAL STRAINERS

Connections: Dismantling fitting M-M PN 40 Filtration rating :500 µm



0295 - 1/2"-2"

BRASS STRAINERS ARION®

cup in trogamid-t Connections: F-F PN16 Filtration rating:50 µm or 300 µm



0297 - 1/2"-2"

BRASS STRAINERS ARION®

cup in brass Connections: F-F PN16 Filtration rating: 50 µm or 300 µm



0298 - 1/2"-1"

BRONZE STRAINERS FILLOR

with counter cleaning cup in trogamid-t Connections: F-F PN 16 Filtration rating: 50 µm or 300 µm



0299 - 1/2"-1"

BRONZE STRAINERS FILLOR

with counter cleaning cup in brass Connections: F-F PN 16 Filtration rating: 50 µm or 300 µm



0198 - 1/2"

WATER HAMMER DAMPER

HAMMER STOP

Connection: M
Max pressure water hammer: 50 bar
Static working pressure: 1 bar - 10 bar.
T max: 90°C





1801 - 1/4" - 1/2"

LEVEL INDICATOR GROUPS WITH PIN CLOSURE

Connection: M PN 10





1804 - 3/8" - 1/2"

LEVEL INDICATOR GROUPS WITH MALE STUFFING BOX CLOSURE

Connection: M PN 16



1807 - 1/4" - 1/2"

GAUGE HOLDER COCKS WITH MALE SEAL AND STUFFING BOX

Connections: M-F PN 16



1808 - 1/4"-1/2"

GAUGE HOLDER COCKS WITH MALE SEAL, CONTROL FLANGE AND STUFFING BOX

Connections: M-F PN 16



1809 - 1/4" - 1/2"

NICKEL PLATED COPPER COILS

Connections: M-F PN 16



0111 • 1"

FLOW REGULATION VALVES
FOR PUMPS
Connections: M-F
PN 16



2060 • 1" FITTINGS FOR PUMPS 3 AND 5 WAYS Connections: M-F PN 16



2067 • 1"
EJECTORS FOR PUMPS
WITH VENTURI EFFECT
Connections: M-F
PN 16



0498 • 3/4"-1"
AUTOMATIC AIR VENTS
HIGH FLOW CAPACITY
Connection: M
PN 16



3161 • 1"

AUTOMATIC AIR VENTS
TYPE ROMA
Connection: M
PN 16



0497.4 • 1/2"x 3/4"
INLET WATER METER SYSTEMS
COMPLETE WITH STRAINER
Connections: F sleeve - F revolving
swive nut
PN 16



0497.5 • 3/4" x 1/2"
OUTLET WATER METER SYSTEMS
COMPLETE WITH CHECK AND DISCHARGE
Connections: Frevolving swivel nut - F
sleeve
PN 16



PN 10

0917.0 • 3/4" - 2"
ANTI-POLLUTION CHECK VALVES
STRAIGHT WITH
DISCHARGE TAPS
Connections; swivel nut F - M



O917.1 • 3/4" - 2"

ANTI-POLLUTION CHECK VALVES
STRAIGHT WITH
PLASTIC PLUGS
Connections: swivel nut. F - M
PN 10





0917.2 - 3/4" - 2"
ANTI-POLLUTION CHECK VALVES
STRAIGHT WITH
BRASS PLUGS
Connections: swivel nut F - M
PN 10





0917.3 • 3/4" - 2"
ANTI-POLLUTION CHECK VALVES
STRAIGHT WITH
DISCHARGE PLUGS
Connections: swivel nut F - M
PN 10



0927 - 1/2" - 2"
ANTI-POLLLITION CHECK VALVES
STRAIGHT WITH
PLASTIC PLUGS
Connections: F - F
PN 10







0197-1/2" ANTI-SIPHON VACUUM BREAKERS Connection: M PN 16



2150.1 - 3/8"-4"
CHECK VALVES
with metal obturator
and seat in viton
Connections: F-F-



2150.9 · 1/2"-2'
CHECK VALVES IAL
with brass obturator
Connections: F-F





2151.0-2152.0-3/8"-2"

2150.0 - 1/4"-4"

CHECK VALVES

with plastic obturator

and seat in rubber Connections: F-F Connections: F-M





2154.0 • 3/8"-2" HEAVY CHECK VALVES with plastic obturator Connections: F-F



2154.9 • 3/8"-4"
CHECK VALVES MONDIAL
with brass obturator
Connections: F-F



2160 • 1/2"-4"
FOOT VALVES
with incorporated inox filter
fitting in polyamide
Connection: F



2161-2162 · 3/8"-4"
FOOT VALVES
with unscrewable inox filter
fitting in brass
Connection: F





HEAVY FOOT VALVES
with unscrewable inox filter
fitting in brass
Connection: F
HEAVY FOOT VALVES
with unscrewable inox filter
fitting in polyamide

Connection: F



2170-2171 • 3/8"-4"
INOX FILTERS FOR
FOOT VALVES
Polyamide fitting
Connection: M
INOX FILTERS FOR
FOOT VALVES
Brass fitting

Connection: M.



0001.119 • 1/2"
ARTISTIC TAPS
handwheel dosure
Connection: M



0001.147 • 1/2"
ARTISTIC TAPS
lever closure
Connection: M



2322 • 1/2"-1"
DYSTRIBUTION TAPS
yellow with hose fitting
Connection: M



4412 • 1/2"x3/8"
DISTRIBUTION TAPS WITH BUTTON with anti-water hammer disposal Connection: M/F







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LINE f'CONNECTIONS

The Company









Since 1950, through the constant work of research and development, the products manufactured by Officine Rigamonti represent the excellence of **Made** in **Italy in the world**, earning certifications that attest the compliance with the different quality standards required.

The Company has grown continually over the years and today it has **5 product lines**: pressure reducing valves, heating, components for water supply, connections and components for solar heating.

Thanks to its **fully in-house production chain** - with R&D laboratories, forging facilities and shipping department - Officine Rigamonti is capable of providing flexible ad-hoc solutions and **OEM supplies**.

Passion for quality, constant desire of **innovation** and **attention to customer needs** have always been the driving forces behind the work of Officine Rigamonti.

CONNECTIONS F

0900.5 series

The Ireco[®] 900 series DZR(CR) brass compression fittings with EPDM elastomer ring washer have been conceived, designed and manufactured for PE piping used for transporting fluids under pressure.

0900.1 BSR series

The IRECO® 900 series BSR compression fittings for iron pipes with EPDM elastomer ring washer have been conceived, designed and manufactured for metal piping used for transporting fluids under pressure. These fittings are compatible also with steel piping.

0900.2 BSN series

The IRECO® 900 series BSN brass compression fittings with EPDM elastomer ring washers have been conceived, designed and manufactured for the connection and various junctions other than normal gauge polyethylene-32 tubes (according to Irish National Standard IS 134:1977) for cold water.

0800 series

The IRECO® 800 series compression fittings with EPDM elastomer ring washer have been conceived, designed and manufactured for plastic piping used for transporting fluids under pressure.

Brass fittings for threaded pipes

The brass fittings for threaded pipes are used as junctions for pipelines with threaded connection UNI ISO 228/1. The thread dimensions are subdivided in various types of configurations which makes the realization of the systems easier and more secure.

QUICK® fittings

The QUICK® fittings for watering and irrigation can be used for cold and hot water transport in irrigation and sprinkling systems. These fittings are completely in brass and thus suitable for professional use, in agricultural facilities, greenhouses, nurseries and industrial plants.

Excelsior and Roma fittings

The brass fittings for EXCELSIOR and ROMA pumps are used as junctions for pipelines or pumps with threaded connection UNI ISO 228/1, such as offtake hoses fixed to pumps or conduits using detachable fittings.

Certifications

The products made by Officine Rigamonti obtained the major certifications of the sector, a guarantee of the quality standards achieved and required by the main international markets.

IRECO® FITTINGS IN DZR BRASS - SERIES 900.5 - FOR PE PIPES

FOR ISO PIPES WITH DIAMETER FROM 20 TO 63

PRESSURES AND TEMPERATURES

If used on pipeline systems for water distribution: Maximum working pressure 16 bar at 20°C (2.5 bar at 60°C) If used on pipeline systems for the distribution of non-combustible gas: Maximum working pressure: 10 bar at 20°C. If used on pipeline systems for the distribution of combustible gas: Maximum working pressure; 4 bar at 20°C





0900.5 SLEEVE PE-PE



0910.5 PE-MALE NORMAL INCREASED



PE-FEMALE NORMAL INCREASED REDUCED



PE-SWIVEL NUT



0920.5 ELBOW 90"



FLBOW 90" PE-MALE NORMAL INCREASED.



ELBOW 90° PE-FEMALE NORMAL INCREASED REDUCED



0924.5 ELBOW 90° PE-SWIVEL NUT



THE PE-PE-PE



0931.5 TEE PE-FEMALE-PE



0950.5 ELBOW 90" WALL CONNECTION PE-FEMALE



0975.5 REPAIR COUPLING



REPAIR COUPLING



0975.6 REPAIR COUPLING



0997.5 REDUCTION



PLUG



1299.0 INSERT 50 4437

IRECO® FITTINGS IN BRASS - SERIES 900.1 BSR - FOR IRON PIPES FOR IRON PIPES WITH DIAMETER FROM 21 (1/2") TO 60 (2")

PRESSURES AND TEMPERATURES

If used on pipeline systems for water distribution: Maximum working pressure 16 bar at 70°C If used on pipeline systems for the distribution of non-combustible gas: Maximum working pressure 10 bar at 20°C If used on pipeline systems for the distribution of combustible gas: Maximum working pressure 1 bar at 23°C



0900.1 SLEEVE RON-RON



0910.1



0916.1



TEE BON-BON-BON



0975.6 REPAIR COUPLING IRON-IRON

IRECO® FITTINGS IN BRASS - SERIES 900.2 BSN - FOR PIPES IN POLYETHYLENE 32 Normal Gauge I.S.134;1977 or equivalent (Irish Standard) FOR BSN PIPES WITH DIAMETER FROM 17 (1/2") TO 60 (2")



PRESSURES AND TEMPERATURES

Maximum working pressure: 16 bar at 20°C (2,5 bar at 60°C) Fixed maximum working temperature: up to 60 °C at 2.5 bar



0900.2 SLEEVE PE-PE



0910.2 PE-MALE



0916.2 PE-FEMALE



0920.2 ELBOW 90° PE-PE



TEEPE-PE-PE



REINFORCEMENT INSERT

IRECO® FITTINGS IN BRASS - SERIES 800 - FOR PLASTIC PIPES

FOR ISO PIPES WITH DIAMETER FROM 20 TO 63 PRESSURES AND TEMPERATURES

If used on pipeline systems for water distribution: Maximum working pressure 16 bar at 20°C (2,5 bar at 60°C) If used on pipeline systems for the distribution of non-combustible gas: Maximum working pressure 10 bar at 20°C. If used on pipeline systems for the distribution of combustible gas: Maximum working pressure 4 bar at 20°C







0.0080 SLEEVE PE-PE



0810.0 PE - MALE NORMAL INCREASED



0816.0 PE - FEMALE NORMAL INCREASED



0818.0 STRAIGHT PE-SWIVEL NUT



BLBOW 90" PE-PE



ELBOW 90° PE-MALE



ELBOW 90'



THE PE-PE-PE



0831.0 THE PE-FEWALE-PE



0850.0 BB0W 90" WALL CONNECTION PE-FEMALE



0875.0 REPAIR COLIPLING

BRASS FITTINGS FOR THREADED PIPES

for products with elastomer constituents: from 0°C (excluding ice) to +80°C

PRESSURES

Maximum allowable working pressure (PN): 10 bar



TEMPERATURE - Maximum working temperature (TS): for products without elastomer constituents: from 0°C (excluding ice) to +110°C



01.13
THREADED PLUGS
FEMALE
YELLOW AND CHROME
PLATED



0537
THREADED PLUSS MALE
YELLOW AND GHROME
PLATED



0535 DOUBLE NEPLES YELLOW MALE-FEMALE NORMAL REDUCED



REDUCTIONS
WITH HEXAGON
MALE-FEMALE
YELLOW AND CHORNE
PLATED



0750 REDUCTIONS WITHOUT HEXAGON MALE-FEMALE YELLOW



0751
REDUCTIONS
WITHOUT HEXAGON
WITH INNER ABUTMENT
YELLOW



0738 DOUBLE NIPPLES CHROME PLATED MALE-MALE



0740 DOUBLE NIPPLES YELLOW MALE-MALE



0739
DOUBLE NAPPLES
REDUCED
CHROME PLATED
MALE-MALE



0741 DOUBLE NIPPLES REDUCED VELLOW MALE-MALE



0744 EXTENSIONS YELLOW MALE-MALE



0745.0-1-2-3 EXTENSIONS VELLOW MALE-FEMALE



0745.4-5-6-7
HEAVY EXTENSIONS
YELLOW
MALE-FEMALE



0746.0-1-2 EXTENSIONS CHROME PLATED MALE-FEMALE



0746.4-5-6
HERN' EXTENSIONS
CHROME PLATED
MALE-PEMALE



2070 SLEEVES FEMALETEMALE VELLOW AND DIROME



2079
REDUCED SLEEVES
FEMALE -FEMALE
YELLOW AND CHROME



2071 ELBOWS 90" FEMALE FEMALE YELLOW AND DIRONE PLATEO



2072 ELBOWS 90' MALE-FEMALE VELLOW AND CHROME PLATED



2073
TEE 90'
FEMALE-FEMALE-FEMALE
YELLOW AND DIROME
PLATED.



2074 STRAIGHT UNIONS TAPERED SEAT IN BRASS 3 PRELES FEMALE-FEMALE YELLOW AND CHROME PLATED



2075 STRAIGHT LINCINS TAPERED SEAT IN BRASS 3 PIELES MALE-FEMALE YELLOW AND CHROME PLATED



2077 CROSS FILTINGS 90' FEMALE VELLOW



2078
CURNED UNIONS 90°
TAPERED SEAT IN BRASS
3 PELES
MALE-FEMALE
VELLOW AND CHROME
PLATED



2080 THREE WAY ANGLE HITTINGS FEMALE-FEMALE-FEMALE YELLOW



2175 STRAIGHT UNIONS SEAT WITH O-RING 3 PECISS MALE-FEMALE YELLOW AND CHROME PLATED



2178
CURVED UMONS 90"
SEAT WITH O-RING
3 PECES
MALE-FEMALE
YELIOW AND CHRONE
PLATED

BRASS FITTINGS FOR WATERING AND IRRIGATION QUICK®

PRESSURES AND TEMPERATURES Maximum working pressure: 6 Bar. Temperature -30°C (excluding ice) max. +60°C





1704 OHION* FITTINGS Y BRANCH FEMALE - MALE - FEMALE



1705 QUICK® FITTINGS



1706 QUICK® FITTINGS FEMALE



1707 QUICK® FIFTINGS HOSE FITTING



1708 QUICK® BITTINGS PLUG



OUNCE HITINGS WASHER



DUICK® FITTINGS PLANE WASHER FOR FEMALE FITTINGS

FITTINGS FOR PUMPS IN BRASS TYPE EXCELSIOR AND ROMA

Maximum allowable working pressure (PM): 16 bar

TEMPERATURES - MAXIMUM WORKING TEMPERATURE (TS).

For products without elastomer constituents: from 0 °C (excluding ice) to +110 °C For products with elastomer constituents: from 0°C (excluding ice) to +80°C



1604 EXCELSIOR STRAIGHT FITTINGS WITH TAPERED SEAT 3 PIECES HOSE FITTING-HOSE FITTING



1615 DRAINS FOR TANK WITH LOCK NUT AND THREADED PLLIG INTERNAL AND EXTERNAL THREAD MALE-FEMALE



1607 **EXCELSIOR STRAIGHT** EITTINGS TAPERED SEAT 3 PIECES MALE-HOSE FITTING



DRAINS FOR TANK COMPLETE INTERNAL AND EXTERNAL THREAD FEMALE - DISMANTLING FITTINGS MALE



1608 **EXCELSIOR** CURVED FITTINGS WITH TAPERED SEAT 3 PRECES MALE-HOSE FITTING



FITTINGS FOR TWIK STRAIGHT MALE-DISMANTLING FITTING MALE



1610 EXCELSIOR HITTINGS FEMALE.

DEMANTLING

FIETINGS PLANE

THREADED SEAT

FEMALE-MALE

WITH NUT



CLAMPING RINGS FOR



1609 EITTINGS TYPE ROMA MALE-HOSE FITTING



1611 ROMA FEMALE- HOSE FITTING



1614 DRAINS FOR TANK ONLY WITH LOOK NUT INTERNAL AND **EXTERNAL** THREAD MALE-TENALE



1618 LOCK MUTS WITH FLANGE TEMALE





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