



TRATTAMENTO ACQUA
- A SCAMBIO IONICO
- A OSMOSI INVERSA
- ELETTRONICO
- CHIMICO
- MAGNETICO
- MECCANICO

NORDACQUE di A. Collicelli
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WATER SOFTENERS DOMUS - R series

Water treatment system
suitable for everykind of primary water
from water main systems to spring

Five models available
due to different cyclic capacity
DOMUS-R 6 - 9 - 15 - 20 - 30

CYLINDERS IN A.B.S.
externally coated in fiberglass
and tested at 10 ATE

ELECTRONIC AUTOMATIC VALVE
NORYL valve working through 5 phases

IONIC EXCHANGE RESINS
at high power of exchange
with automatic chlorine generator
for resins sterilization during regeneration



PRINCIPLE OF FUNCTIONING

Softening process is a water treatment
based on **ionic exchange resins**,
that reduce hard water problems
by cutting down limestone rate in water.



RESINS

Ionic exchange resins are held in Abs cylinder.
They're the **heart** of every water softeners system
catching calcium and magnesium ions in water.

Regeneration process
with saline solution
reset resins capacity of cutting down limestone in water



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ELECTRONIC VALVE

Electronic automatic NORYL valve composed of:

Exit signal for external device's control
 like tank storage or dosing pumps

Live flow rate display

Internal connector for resins sanitization system
 through saline solution

Alarm connector for salt shortage
 Volumetric timed available

LCD multi-language display
 Safety button lock



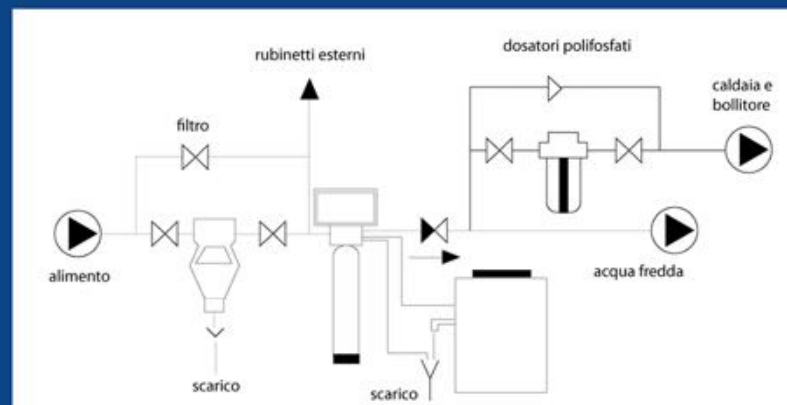
INSTALLATION

NORDACQUE softener must be installed on a solid flat surface, protected from freeze and heat sources (temp. max. 40°C) near a socket and a drain.

It must be installed after water counter and possible external branches (garden, garage, fountains, etc.).

Water pressure in the softener entrance should be between 1,5-7 atmosphere. In case of lower or higher pressure it is necessary to apply respectively: an autoclave and a pressure reducer.

It is recommend to mount a protective filter upstream softener.



TECHNICAL DATA

Model	Head Lt/h		Rated Load loss (Bar)	Cyclic capacity m3/°F	Salt consumption (Kg)	Salt holder capacity (kg)	Sizes (cm)	Pipes bindings	Tare (kg)	Reg. duration (min)
	Rated	Max								
DOMUS-R 6	400	700	0,1	30	1,2	30	32x56x56,5	¾ "	14	28
DOMUS-R 9	700	1200	0,1	50	1,6	30	32x56x56,5	¾ "	15	32
DOMUS-R 15	1000	1400	0,12	82	2,5	65	32x56x75	¾ "	21	38
DOMUS-R 20	1400	2000	0,15	110	3,5	65	32x56x102	¾ "	28	42,5
DOMUS-R 30	1800	2600	0,2	160	4,5	75	32x56x102	¾ "	35	45