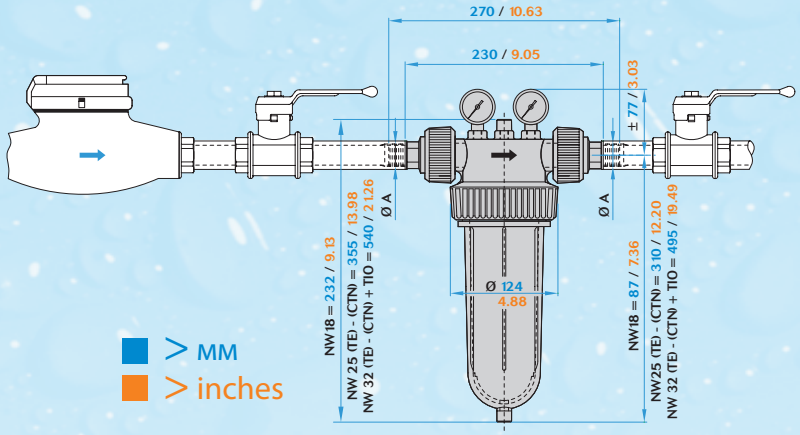
TECHNICAL DATA

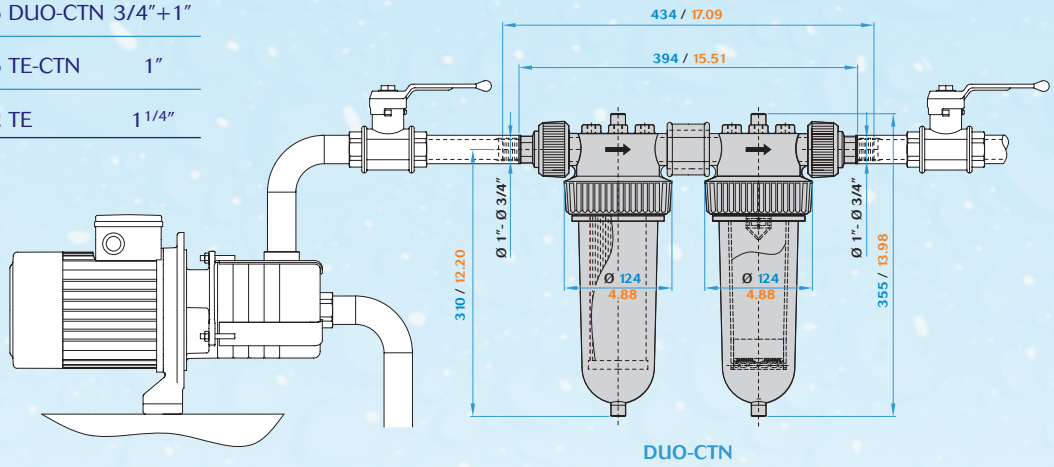
Filter type		NW 18	NW 25	NW 32	TIO	NW 25 DUO-CTN	NW 25 TE-CTN	NW 32 TE
Diameter of pipe		3/4″	3/4″ or 1″	1 1/4″	1″	3/4″ + 1″	1″	1 1/4″
Average flow rate : ΔP = 0,2 bar / 2.8 psi	m³/h gpm	3.5 15.4	5.5 24.2	6.5 28.6	0.5* 2.2*	0.5* 2.2*	0.5* 2.2*	0.5* 2.2*
Working pressure :	bar psi	10 142	10 142	10 142	10 142	10 142	10 142	10 142
Max. operating pressure :	bar psi	16 228	16 228	16 228	16 228	16 228	16 228	16 228
Max. operating t°		50° C 122° F	50° C 122° F	50° C 122° F	50° C 122° F	50° C 122° F	50° C 122° F	50° C 122° F
Weight :	Kg pounds	0.9 1.99	1.2 2.65	1.7 3.75	1.8 3.97	2.4 5.30	1.3 2.87	1.6 3.53
Standard filter sleeve		25 µ	25 µ	25 µ	25 µ	25 µ	–	–
Available volume	ltr US Gal.	– –	– –	– –	0.57 l 0.15 l	0.57 l 0.15 l	0.57 l 0.15 l	1.70 l 0.45 l
Filtration pressure :	cm² Sq inches	190 29.45	450 69.75	840 130.20	335 51.92	1 x 450 1 x 69.75	– –	– –

* Value with activated carbon CINTROPUR SCIN

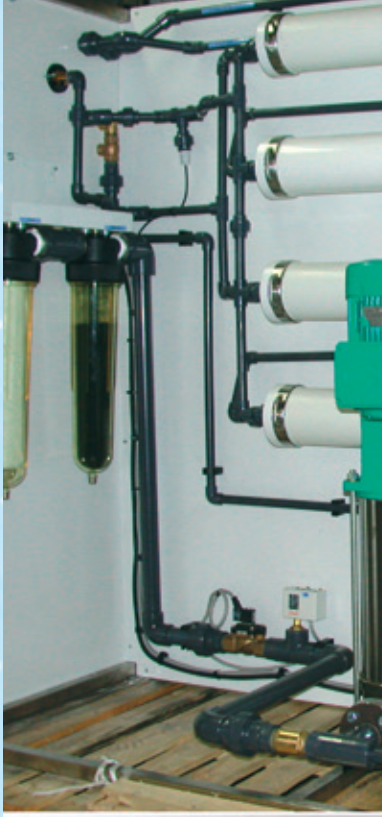
INSTRUCTIONS

Symbols	A (ø)
NW 18	3/4″
NW 25	1″
NW 32	1 1/4″
TIO	1″
NW 25 DUO-CTN	3/4″+1″
NW 25 TE-CTN	1″
NW 32 TE	1 1/4″





DUO-CTN



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WATERFILTRATION & TREATMENT

cintropur®

WATERFILTRATION & TREATMENT

Domestic fluid filters

with centrifugal prefiltration

NW 18
Ø 3/4″ Réf. 1602015730

NW 25
Ø 3/4″ Réf. 1602015732
ou 1″ Réf. 1602015731

NW 32
Ø 1 1/4″ Réf. 1602015733

Filtration

Standard filter delivered as shown (with a 25 µ filter sleeve and a black spanner for dismantling)

GENERAL DESCRIPTION

Made entirely from top quality synthetic material, CINTROPUR filters are ideal for use with food products and drinking water. The CINTROPUR vane changes the liquid flow using centrifugal motion, forcing the larger particles down into the lower bowl, depending on the chosen filter sleeve micron-size.

Basic principle

The protection of sanitary domestic, collective and agricultural water supplies by filtering out the solid particles (earth, sand, rust, etc,…) suspended in the water.

The protection filter will be ideally placed at the entrance of the installation in order to protect all the devices connected below.

NW25 TE
+ activated carbon

APPLICATIONS

Residential : Protection of sanitary networks supplied with domestic water, rainwater or well water.
Filtration of water before softener, reverse osmosis or treatment by ultraviolet.

Industrial : Protection of sanitary networks, machine tools and all industrial machinery for water treatment. Filtration of water before high pressure cleaning machines (100 to 200 bar / 1500 to 3000 psi) and very high pressure cleaning machines (1500 to 2500 bar / 21000 to 35000 psi).

Agricultural : Filtration of watering (spraying) installations ;
Filtration of water for animals ;
Filtration of rainwater and well water.

Advantages :

- → high and constant flow rate ;
- → low pressure drop ;
- → centrifugal prefiltration with a cyclonal effect ;
- → robustness and reliability ;
- → fast and easy flushing out ;
- → permanent visual control of the filter sleeve (transparent bowl) ;
- → exclusive system, ecological and not expensive (filter sleeve).

Water treatment

The water treatment (TE-CTN) models are equipped for the use of different water treatment products.

• Polyphosphates, silicates and silicon-polyphosphates.

Efficient up to 60°C / 140° F, these products are used to reduce the harmful and scaling effects of the water hardness.
The protection of new installations against rust is also a well known application.

• Activated carbon CINTROPUR SCIN

Its large pore volume and pore size distribution makes it highly suitable for the improvement of taste and the removal of odour, chlorine, ozone, micropolutants such as pesticides and other dissolved organic substances.

TIO
Ø 1″ Réf. 1602010007

NW 25 DUO-CTN
Ø 3/4″ + 1″ Réf. 1602010006

NW 25 TE-CTN
Ø 1″ Réf. 1602010005

NW 32 TE
Ø 1 1/4″ Réf. 1602015737

Ideal for **rainwater**

Treatment

The removable top lid of the CTN cartridge allows to change the activated carbon while keeping the container.

Accessories

A **Pressure gauges** 0-10 bar 1/8″
Before the assembly, drill fully and thread. Gives the pressure of the installation. Filter sleeve to be changed at 1 bar / 14.22 psi ΔP, or at least twice a year.

B **Wall bracket** (simple, DUO and for TIO)
M 8 tapping from the outset in each head of filter NW 18 / 25 / 32 / TIO (B1) and NW 25 DUO CTN (B2). Bracket to be fixed on the head of the filter with standard inox screw delivered.

C **Receptacle for activated carbon**
Adaptable for NW25TE + NW32TE, this tube + strainer will be used for the treatment with activated carbon or with crystals.
NW 25 ..... Réf. 1802015778
NW 32 ..... Réf. 1802015779

D **Drain cock 1/4″**
Allows the draining under pressure of the larger particles collected by the centrifugal effect.
The bowl is screwed into place by hand (no tools required). Identical for NW18 / NW25 / NW32.

Refill

E **Activated carbon** (carton of 3.4 liters / 0.90 US Gal)

Quality CINTROPUR SCIN
Capacity of the available volumes for:
cartridge CTN = 0,57 l (6 refills)
NW 32 TE = 1,7 l (2 refills)

F **Filter sleeve** (set of 5 pieces)
Non washable : **5µ / 10µ / 25µ / 50µ / 100µ**
Washable : **150µ / 300µ**

NW 18 Set of 5 sleeves
filtration 5µ ..... Réf. 1702015741
filtration 10µ ..... Réf. 1702015745
filtration 25µ ..... Réf. 1702015749
filtration 50µ ..... Réf. 1702015753
filtration 100µ ..... Réf. 1702015757

NW 25 Set of 5 sleeves
filtration 5µ ..... Réf. 1702025742
filtration 10µ ..... Réf. 1702025746
filtration 25µ ..... Réf. 1702025750
filtration 50µ ..... Réf. 1702025754
filtration 100µ ..... Réf. 1702025758
filtration 150µ ..... Réf. 1702023142
filtration 300µ ..... Réf. 1702020001

NW 32 Set of 5 sleeves
filtration 5µ ..... Réf. 1702035743
filtration 10µ ..... Réf. 1702035747
filtration 25µ ..... Réf. 1702035751
filtration 50µ ..... Réf. 1702035755
filtration 100µ ..... Réf. 1702035759
filtration 150µ ..... Réf. 1702033145
filtration 300µ ..... Réf. 1702030001