

# Cintropur®

WATER FILTRATION & TREATMENT



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**SEMI-INDUSTRIAL  
& INDUSTRIAL  
FILTERS**

# NW 280

Ø 1"



# NW 340

Ø 1 1/4"



# NW 400

Ø 1 1/2"



## ■ GENERAL DESCRIPTION

Made entirely from first quality synthetic material, CINTROPUR® filters are perfectly suitable for food products and drinking water.

The CINTROPUR® vane transforms the liquid flow into a centrifugal spin by throwing the larger particles down into the lower bowl, according to the chosen filter sleeve micron-size.



## ■ 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)

## ■ BASIC PRINCIPLE

Protection of industrial as well as residential and agricultural installations by filtering the solid particles (earth, sand, rust, etc,...) suspended in the water.

## ■ APPLICATIONS

- **INDUSTRY:** Protection of sanitary fittings and machine tools.
- **AGRICULTURE:** Filtration of watering (spraying) installations; Filtration of water for animals; Filtration of rainwater and well water.
- **GROUPS:** (hotels, restaurants, schools, buildings, ...) protection of the sanitary installations and all electrical/ domestic appliances.



# NW 500

ø 2"



# NW 650

ø 2 1/2"



# NW 800

ø 3"



# NW 500TE

ø 2"



## ■ TECHNICAL SPECIFICATIONS

### • PRESSURE GAUGES 0-20 BAR 1/4"

Model with glycerin. Indicate the system pressure. Filter sleeves are to be changed at  $\Delta P$  of 2 bar or at least 3 times a year.



### • CENTRIFUGAL VANE

It creates a cyclonic effect on the intake water flow which precipitates the large particles at the bottom of the filter bowl.



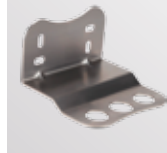
### • DRAIN VALVE

Allows to evacuate the impurities deposited on the bottom of the bowl as a result of the cyclonic action of the centrifugal vane.



### • WALL FIXATION (OPTIONAL)

Stainless steel wall bracket is to be attached to the filter head with two locking nuts.



1



2

## ■ WATER TREATMENT

The water treatment (TE) models are equipped with a special device that allows 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

The activated carbon CINTROPUR® is sold separately and is highly suitable for the improvement of taste and the removal of odour, chlorine, ozone, micropollutants such as pesticides and other dissolved organic substances.

## ■ REFILL

### 1 ACTIVATED CARBON

Quality CINTROPUR® SCIN. Carton of 3.4 liters / 0.90 US Gal. For the bowls of NW 500TE, NW 650TE, NW 800TE : 4.85 liters / 1.28 US Gal.

### 2 FILTER SLEEVE (SETS OF 5 PIECES)

Non washable: 1µm / 5µm / 10µm / 25µm / 50µm / 100µm  
Washable: 150µm / 300µm

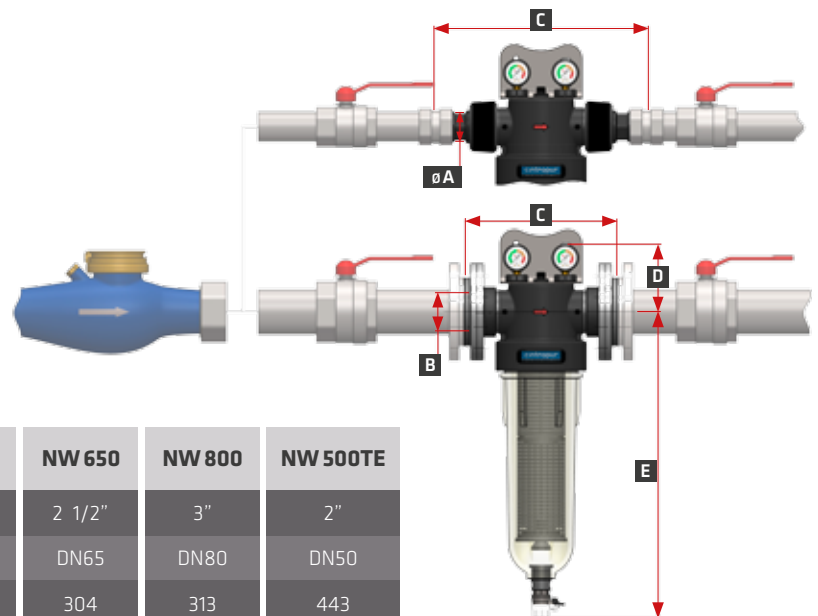


## TECHNICAL DATA

	NW 280	NW 340	NW 400	NW 500	NW 650	NW 800	NW 500TE
<b>Diameter of pipe</b>	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	2"
<b>Average flow rate (m<sup>3</sup>/h) ΔP = 0.2 bar</b>	7	10	12	18	25	32	2*
<b>Working pressure (bar)</b>	10	10	10	10	10	10	10
<b>Max. operating pressure (bar)</b>	16	16	16	16	16	16	16
<b>Max. operating temperature (°C)</b>	50	50	50	50	50	50	50
<b>Weight (Kg)</b>	2,2	2,7	2,9	6,4	7	7,4	5,6
<b>Standard filter sleeve (μm)</b>	25	25	25	25	25	25	-
<b>Available volume (litre)</b>	-	-	-	-	-	-	4,85
<b>Filtration surface (cm<sup>2</sup>)</b>	530	770	1010	1288	1288	1288	-

\* Value with activated carbon CINTROPUR® SCIN

## INSTRUCTIONS



	NW 280	NW 340	NW 400	NW 500	NW 650	NW 800	NW 500TE
<b>A (∅)</b>	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	2"
<b>B</b>	DN25	DN32	DN40	DN50	DN65	DN80	DN50
<b>C (mm)</b>	284	284	284	443	304	313	443
<b>D (mm)</b>	99	99	99	±140	±140	±140	±86
<b>E (mm)</b>	373	474	576	632	632	632	632



Cintropur® is a product of the Airwatec® company  
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