

# cintropur®

WATERFILTRATION & TREATMENT



STAINLESS  
STEEL

SILVER

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## SEMI-INDUSTRIAL & INDUSTRIAL FILTERS

# NW 280

Ø 1"



# NW 280 CTN

Ø 1"



# NW 340

Ø 1 ¼"



# NW 400

Ø 1 ½"



## 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.

## 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.

## ADVANTAGES

- high and constant flow rate
- low pressure drop
- centrifugal prefiltration with a cyclonic 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)
- can be combined with UV and activated carbon

## WATER TREATMENT

The water treatment (TE & CTN) 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.



## NW 500

Ø 2"

## NW 650

Ø 2 1/2"

## NW 800

Ø 3"

## NW 500 TE

Ø 2"



### REFILL



#### FILTER SLEEVE



#### ACTIVATED CARBON



**Stainless Steel**

50µm 90µm

Unit packaging

**Silver**

50µm 90µm

Unit packaging

**Washable**

150µm 300µm

sets of 5 pieces

**Non washable**

1µm 5µm 10µm  
25µm 50µm 100µm

sets of 5 pieces



Quality CINTROPUR® SCIN.  
Carton of 3.4 liters / 0.90 US Gal.  
For the bowl NW 500TE 4.85 liters / 1.28 US Gal.  
NW 280 CTN 0,75 liters / 0.462 US Gal.



### ACCESSORIES



#### • PRESSURE GAUGES 0-20 BAR 1/4"

Model with glycerin. Indicate the system pressure.

Filter sleeves are to be changed at ΔP of 2 bar or at least 3 times a year.



#### • 2' DUO CONNECTOR

For assembling 2 SI heads (NW280-340-400)



#### • WALL FIXATION

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

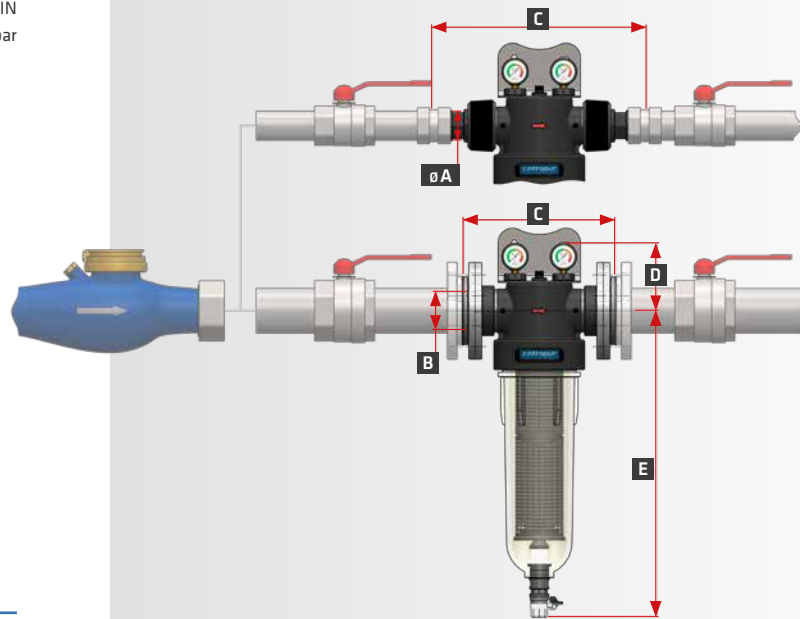


## TECHNICAL DATA



	NW 280	NW 280 CTN	NW 340	NW 400	NW 500	NW 650	NW 800	NW 500 TE
<b>Diameter of pipe</b>	1"	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	3,5*	10	12	18	25	32	5*
<b>Working pressure (bar)</b>	10	10	10	10	10	10	10	10
<b>Max. operating pressure (bar)</b>	16	16	16	16	16	16	16	16
<b>Max. operating temperature (°C)</b>	50	50	50	50	50	50	50	50
<b>Weight (Kg)</b>	2,2	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>	-	0,75	-	-	-	-	-	4,85
<b>Filtration surface (cm<sup>2</sup>)</b>	530	-	770	1010	1288	1288	1288	-

\* Value with activated carbon CINTROPUR® SCIN  
ΔP = 0,8 bar



## INSTRUCTIONS

	NW 280	NW 280 CTN	NW 340	NW 400	NW 500	NW 650	NW 800	NW 500 TE
<b>A (∅)</b>	1"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	2"
<b>B</b>	DN25	DN25	DN32	DN40	DN50	DN65	DN80	DN50
<b>C (mm)</b>	284	284	284	284	443	304	313	443
<b>D (mm)</b>	99	56	99	99	±140	±140	±140	±86
<b>E (mm)</b>	373	373	474	576	632	632	632	632