cintropur®

WATERFILTRATION & TREATMENT

SEMI-INDUSTRIAL & INDUSTRIAL FILTERS

EN

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.

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 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)**

NW 500
ø 2”

NW 650
ø 2 1/2”

NW 800
ø 3”

NW 500TE
ø 2”

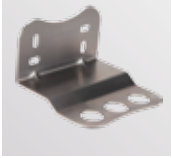
TECHNICAL SPECIFICATIONS

- **PRESSURE GAUGES 0-20 BAR 1/4“**
  Model with glycerin. Indicate the system pressure. Filter sleeves are to be changed at ΔP 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.



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, micropolutants 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

1

2

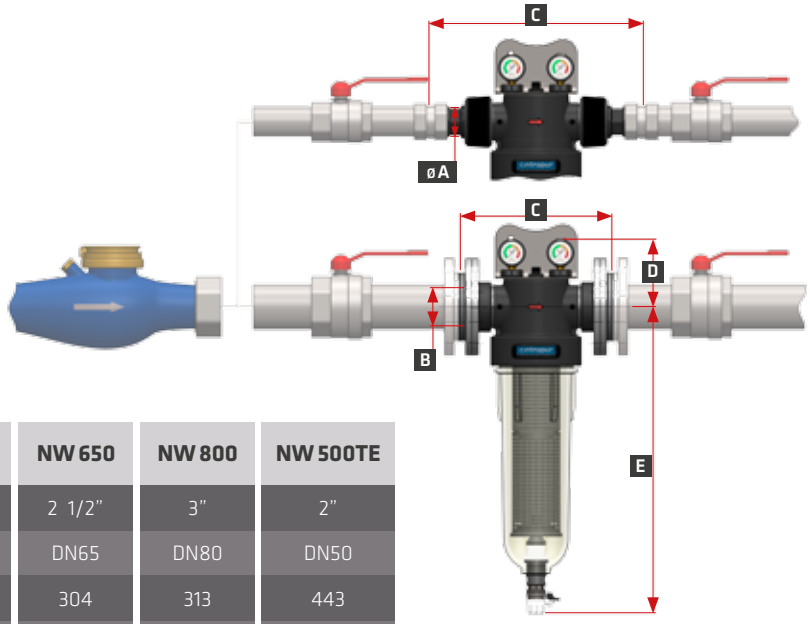


TECHNICAL DATA

	NW 280	NW 340	NW 400	NW 500	NW 650	NW 800	NW 500TE
Diameter of pipe	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	2"
Average flow rate (m^3/h) **ΔP = 0.2 bar**	7	10	12	18	25	32	2*
Working pressure (bar)	10	10	10	10	10	10	10
Max. operating pressure (bar)	16	16	16	16	16	16	16
Max. operating temperature (°C)	50	50	50	50	50	50	50
Weight (Kg)	2,2	2,7	2,9	6,4	7	7,4	5,6
Standard filter sleeve (µm)	25	25	25	25	25	25	-
Available volume (litre)	-	-	-	-	-	-	4,85
Filtration surface (cm^2)	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
A (Ø)	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	2"
B	DN25	DN32	DN40	DN50	DN65	DN80	DN50
C (mm)	284	284	284	443	304	313	443
D (mm)	99	99	99	±140	±140	±140	±86
E (mm)	373	474	576	632	632	632	632