

MANUFACTURER DOCUMENTATION

CINTROPUR NW280 / NW340 / NW400

Semi-industrial and industrial water filters

Original publication in English

Manufacturer: Airwatec / CINTROPUR

Supplied by Watex Estonia OÜ

The following 4 pages reproduce the original manufacturer publication. Its page layout, illustrations, technical information and manufacturer identification are unchanged.

This cover provides the local supplier contact details. It does not replace or amend the manufacturer's instructions or specifications.

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cintropur®

WATER FILTRATION & TREATMENT



**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 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.



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■ 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

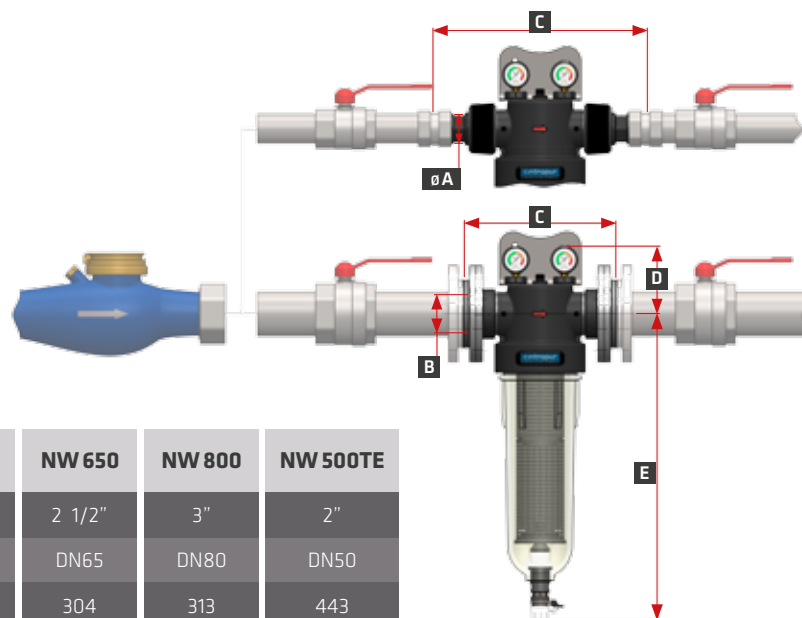


TECHNICAL DATA

	NW 280	NW 340	NW 400	NW 500	NW 650	NW 800	NW 500TE
Diameter of pipe	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	2"
Average flow rate (m³/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 (cm²)	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