

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

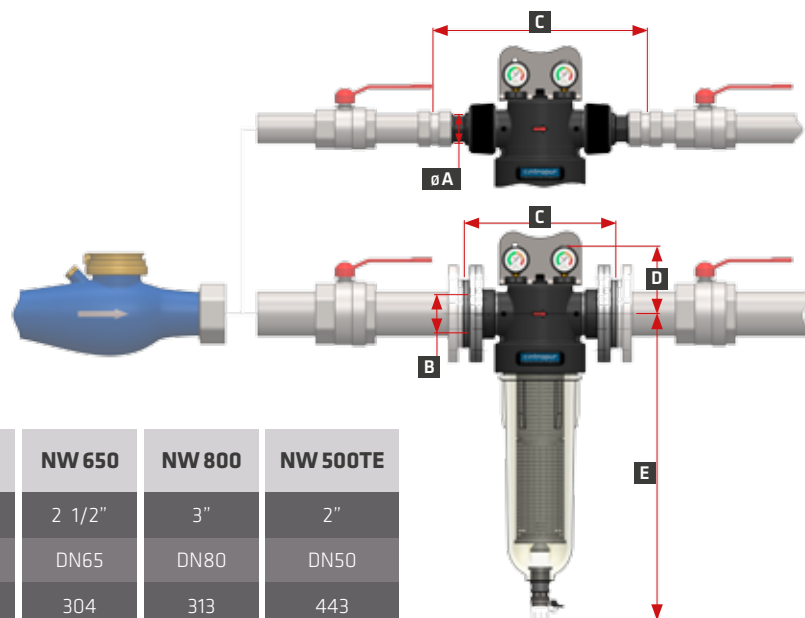


TECHNICAL DATA

| | 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 |