

NK-PP, NK-P and NK-CL CLARIFIERS



NK Clarifiers

NK Clarifiers are used for the physical separation of solids in suspension.

They are gravity clarifiers, using the physical-chemical separation method.

These precipitation tanks are available in several construction versions: welded steel plate, prefabricated concrete or bolted steel plate, being versatile to suit each customer's requirements.

NK-PP and NK-P Clarifiers

The upper part of the tank on **NK-PP** clarifiers is cylindrical and the lower part is conical, thereby facilitating the discharge of sludge.

These clarifiers are mounted on legs, allowing easy manoeuvring for maintenance.



The upper part of the tank on **NK-P** clarifiers is cylindrical and the lower part is flat.

NK-CL Clarifiers

The upper part of the tank on **NK-CL** clarifiers is conical, the centre part is cylindrical and the lower part is conical, thereby facilitating the discharge of sludge. The inside of the tank is fitted with a conical **lamellar** arrangement that considerably increases processing capacity, whereby the clarifiers are as efficient as clarifiers of twice the diameter when processing the same volume of water.

TECHNICAL DATA

| MODEL | NK-80P | NK-100P | NK-120P | NK-140P | NK-160P | NK-180P | NK-200P |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|
| (Ø/m) | 7 | 8,5 | 10 | 14 | 16 | 18 | 20 |
| m ³ /h max | 385 | 570 | 785 | 1.530 | 2.010 | 2.500 | 3.140 |
| min | 190 | 285 | 390 | 760 | 990 | 1.260 | 1.560 |
| Agitator | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Installed power (kW) | 3 | 5,5 | 5,5 | 5,5 | 7,7 | 7,7 | 9 |

| MODEL | NK-50PP | NK-80PP | NK-100PP | NK-120PP | NK-140PP |
|-----------------------|---------|---------|----------|----------|----------|
| (Ø/m) | 5 | 7 | 9 | 10 | 12 |
| m ³ /h max | 200 | 385 | 635 | 785 | 1.130 |
| min | 100 | 190 | 320 | 400 | 560 |
| Agitator | ✓ | ✓ | ✓ | ✓ | ✓ |
| Installed power (kW) | 2,2 | 2,2 | 2,2 | 5,5 | 5,5 |

| MODEL | NK-8CL | NK-10CL | NK-20CL | NK-37CL | NK-45CL |
|-----------------------|--------|---------|---------|---------|---------|
| (Ø/m) | 1,9 | 2,5 | 2,9 | 3,6 | 4,5 |
| m ³ /h max | 60 | 100 | 130 | 200 | 320 |
| min | 40 | 75 | 100 | 150 | 240 |
| Agitator | ✓ | ✓ | ✓ | ✓ | ✓ |
| Installed power (kW) | 0,5 | 0,5 | 0,5 | 1,5 | 1,5 |

| MODEL | NK-60CL | NK-75CL | NK-90CL | NK-100CL | NK-110CL |
|-----------------------|---------|---------|---------|----------|----------|
| (Ø/m) | 6 | 7,5 | 9 | 10 | 11 |
| m ³ /h max | 560 | 890 | 1.280 | 1.580 | 1.910 |
| min | 420 | 650 | 930 | 1.150 | 1.390 |
| Agitator | ✓ | ✓ | ✓ | ✓ | ✓ |
| Installed power (kW) | 1,5 | 2,2 | 2,2 | 5,5 | 5,5 |