

# Continuous Flow Coolers

## DRW Double Pipe Heat Exchanger for Cooling Must, Juice and Beer

This tube-in-tube heat exchanger cools or heats beverages gently to the desired target temperature during production. The high-quality and durable unit can be completely dismantled and is easy to clean.

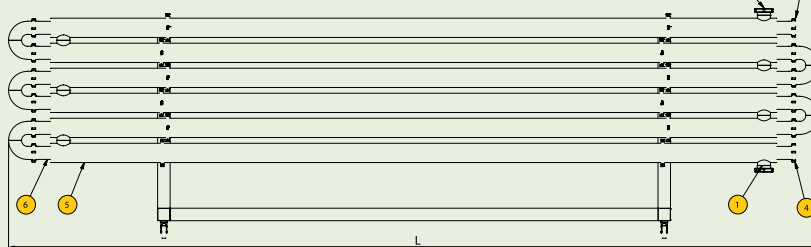
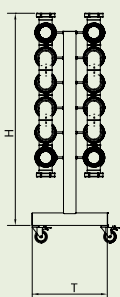
### Features:

- Material: Stainless steel (1.4301) or AISI304
- Seal material: NBR (food grade)
- Max. operating pressure: 6 bar
- Operating temperature range: 5... 90 °C \*)
- Connections: Threaded coupling (external thread) acc. to DIN 11851
- Fixing: Wall frame or mobile frame

Should this modular system not meet your requirements, or not completely, we can also design a unit to suit your individual needs.  
**Please contact us in this respect.**

| Designation | Details                                               | Order no. | Unit price/€ |
|-------------|-------------------------------------------------------|-----------|--------------|
| DRW-1-FG    | DRW; mobile frame; 2,000 l/h; cooling 25 °C => 15 °C  | 302.0600  |              |
| DRW-1-WG    | DRW; wall frame; 2,000 l/h; cooling 25 °C => 15 °C    | 302.0601  |              |
| DRW-2-FG    | DRW; mobile frame; 5,000 l/h; cooling 25 °C => 15 °C  | 302.0602  |              |
| DRW-2-WG    | DRW; wall frame; 5,000 l/h; cooling 25 °C => 15 °C    | 302.0603  |              |
| DRW-3-FG    | DRW; mobile frame; 8,000 l/h; cooling 25 °C => 15 °C  | 302.0604  |              |
| DRW-3-WG    | DRW; wall frame; 8,000 l/h; cooling 25 °C => 15 °C    | 302.0605  |              |
| DRW-4-FG    | DRW; mobile frame; 10,000 l/h; cooling 25 °C => 15 °C | 302.0606  |              |
| DRW-4-WG    | DRW; wall frame; 10,000 l/h; cooling 25 °C => 15 °C   | 302.0607  |              |
| DRW-5-FG    | DRW; mobile frame; 15,000 l/h; cooling 25 °C => 15 °C | 302.0608  |              |
| DRW-5-WG    | DRW; wall frame; 15,000 l/h; cooling 25 °C => 15 °C   | 302.0609  |              |
| DRW-6-FG    | DRW; mobile frame; 20,000 l/h; cooling 25 °C => 15 °C | 302.0610  |              |
| DRW-6-WG    | DRW; wall frame; 20,000 l/h; cooling 25 °C => 15 °C   | 302.0611  |              |

\*) Caution: There is a risk of damage to the unit caused by frost if the product or water temperatures are too low



Dimensional drawing (we reserve the right to make technical changes after award of contract!)

① Water inlet    ② Water outlet    ③ Product inlet    ④ Product outlet



### Technical data for DRW double pipe heat exchanger

Cooling of product from 25 °C to 15 °C (water from 5 °C to 10 °C)

| Model with mobile frame           | DRW-1-FG | DRW-2-FG | DRW-3-FG | DRW-4-FG | DRW-5-FG | DRW-6-FG |
|-----------------------------------|----------|----------|----------|----------|----------|----------|
| Model with wall frame             | DRW-1-WG | DRW-2-WG | DRW-3-WG | DRW-4-WG | DRW-5-WG | DRW-6-WG |
| Must/juice/beer flow rate [l/h]   | 2,000    | 5,000    | 8,000    | 10,000   | 15,000   | 20,000   |
| Water flow rate [l/h]             | 4,000    | 9,500    | 15,200   | 19,000   | 28,400   | 38,400   |
| Heat flow [kW]                    | 23       | 55       | 88       | 110      | 165      | 223      |
| Outer tube diameter [mm] ⑤        | 60       | 85       | 104      | 104      | 129      | 154      |
| Inner tube diameter [mm] ⑥        | 40       | 53       | 70       | 70       | 85       | 104      |
| Pipe length [m]                   | 6        | 6        | 6        | 6        | 6        | 6        |
| Number of pipes [units]           | 4        | 6        | 10       | 10       | 12       | 12       |
| Number of rows [units]            | 1        | 1        | 1        | 2        | 2        | 2        |
| Product connections DIN 11851 ③ ④ | DN32     | DN50     | DN65     | DN65     | DN80     | DN100    |
| Water connections DIN 11851 ① ②   | DN32     | DN50     | DN65     | DN65     | DN80     | DN100    |
| Approx. length [mm] (L)           | 6,300    | 6,300    | 3,300    | 6,300    | 6,300    | 6,300    |
| Approx. height [mm] (H)           | 900      | 1,250    | 1,650    | 1,350    | 1,650    | 1,850    |
| Approx. depth [mm] (D)            | 400      | 400      | 500      | 500      | 600      | 800      |
| Approx. tare weight [kg]          | 150      | 320      | 480      | 570      | 950      | 1,160    |