

Water Vacuum Baffles

Water flow baffles are designed to reduce the flow of working fluid vapors into the pumped volume by condensing them on the cooled elements of the freezing



**APPLICATION
OF VACUUM
BAFFLES**

	Water Baffle 250	Water Baffle 400	Water Baffle 500	Water Baffle 630	Water Baffle 800	Water Baffle 1000
VBP-160/1000						
VBP-250/3000	■					
VBP-400/6000		■				
VBP-500/12000			■			
VBP-630/12000				■		
VBP-630/18000					■	
VDP-250	■					
VDP-400		■				
VDP-500			■			
VDP-630				■		
VDP-800					■	
VDP-1000						■
VDP Jet-320						
VDP Jet-500						
VDP Jet-630						
VDP Jet-1000						



Water Vacuum Baffles



JSC "VACUUMMASH" 80 years



LP-250 WATER BAFFLE

View: Flanged

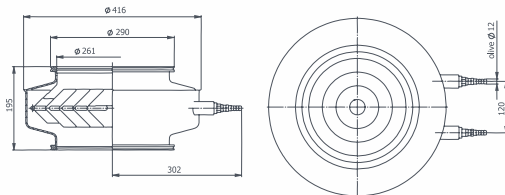
Conductivity, l/s: 1130

- ✓ Stainless steel housing
- ✓ Coolant: water
- ✓ Recommended water flow rate
(at a water temperature of 4 to 25°C): 100 L/h
- ✓ Climatic version: UHL4
- ✓ Warranty: 12 months

INSTALLATION

- The diameter of the conditional passage 250 mm
- It is installed on the pump's inlet flange
- Suitable for the diffusion vacuum pump VDP-250
- Suitable for the booster vacuum pump VBP-250/3000
- It is suitable for vacuum pumps, systems, and installations from other manufacturers.

Dimensions



LP-400 WATER BAFFLE

View: Flanged

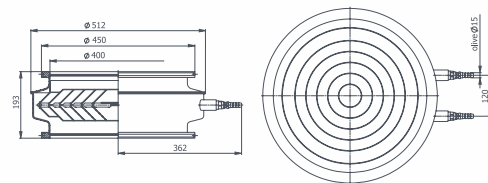
Conductivity, l/s: 3200

- ✓ Stainless steel housing
- ✓ Coolant: water
- ✓ Recommended water flow rate
(at a water temperature of 4 to 25°C): 180 L/h
- ✓ Climatic version: UHL4
- ✓ Warranty: 12 months

INSTALLATION

- The diameter of the conditional passage 400 mm
- It is installed on the pump's inlet flange
- Suitable for the diffusion vacuum pump VDP-400
- Suitable for the booster vacuum pump VBP-400/6000
- It is suitable for vacuum pumps, systems, and installations from other manufacturers.

Dimensions





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LP-500 WATER BAFFLE



View: Flanged

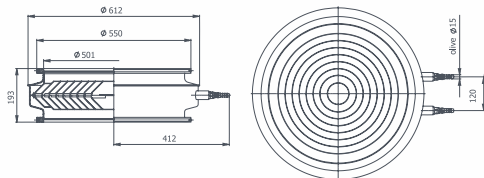
Conductivity, l/s: 5800

- ✓ Stainless steel housing
- ✓ Coolant: water
- ✓ Recommended water flow rate (at a water temperature of 4 to 25°C): 270 L/h
- ✓ Climatic version: UHL4
- ✓ Warranty: 12 months

INSTALLATION

- The diameter of the conditional passage 500 mm
- It is installed on the pump's inlet flange
- Suitable for the diffusion vacuum pump VDP-500 and VDP Jet-500
- Suitable for the booster vacuum pump VBP-500/12000
- It is suitable for vacuum pumps, systems, and installations from other manufacturers.

Dimensions



LP-630 WATER BAFFLE



View: Flanged

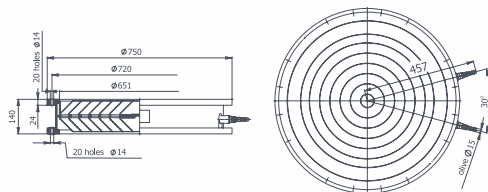
Conductivity, l/s: 10100

- ✓ Stainless steel housing
- ✓ Coolant: water
- ✓ Recommended water flow rate (at a water temperature of 4 to 25°C): 390 L/h
- ✓ Climatic version: UHL4
- ✓ Warranty: 12 months

INSTALLATION

- The diameter of the conditional passage 630 mm
- It is installed on the pump's inlet flange
- Suitable for the diffusion vacuum pump VDP-630 and VDP Jet-630
- Suitable for the booster vacuum pump VBP-630/12000 and VBP-630/18000
- It is suitable for vacuum pumps, systems, and installations from other manufacturers.

Dimensions





Water Vacuum Baffles



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LP-800 WATER BAFFLE

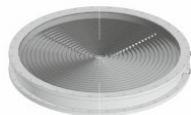
View: Flanged

Conductivity, l/s: 12160

- ✓ Stainless steel housing
- ✓ Coolant: water
- ✓ Recommended water flow rate (at a water temperature of 4 to 25°C): 590 L/h
- ✓ Climatic version: UHL4
- ✓ Warranty: 12 months

INSTALLATION

- The diameter of the conditional passage 800 mm
- It is installed on the pump's inlet flange
- Suitable for the diffusion vacuum pump VDP-800 and VDP Jet-800
- It is suitable for vacuum pumps, systems, and installations from other manufacturers.



LP-1000 WATER BAFFLE

View: Flanged

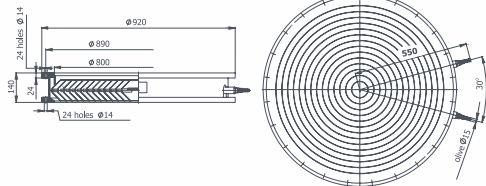
Conductivity, l/s: 22900

- ✓ Stainless steel housing
- ✓ Coolant: water
- ✓ Recommended water flow rate (at a water temperature of 4 to 25°C): 900 L/h
- ✓ Climatic version: UHL4
- ✓ Warranty: 12 months

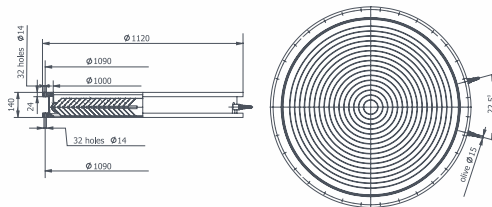
INSTALLATION

- The diameter of the conditional passage 1000 mm
- It is installed on the pump's inlet flange
- Suitable for the diffusion vacuum pump VDP-1000 and VDP Jet-1000
- It is suitable for vacuum pumps, systems, and installations from other manufacturers.

Dimensions



Dimensions





Water Vacuum Baffles



TECHNICAL SPECIFICATIONS

PARAMETER NAME	LP-250	LP-400	LP-500	LP-630	LP-800	LP-1000
Conductance at pressure $1,3 \times 10^{-2}$ Па (1×10^{-4} мм рт.ст.), l/s, nevertheless	1130	3200	5800	10100	12160	22900
Recommended water flow rate (at a Water Temperature of от 4 до 25°C), l/h	100	180	270	390	590	900
Oil vapor breakthrough at pressure $1,3 \times 10^{-2}$ Па (1×10^{-4} mmHg), mg/min	$4,9 \times 10^{-3}$	$1,3 \times 10^{-2}$	$2,0 \times 10^{-2}$	$3,1 \times 10^{-2}$	$5,0 \times 10^{-2}$	$7,9 \times 10^{-2}$
Overall dimensions, mm, no more than: - length - width - height	510 416 195	618 512 193	718 612 193	864.5 750 140	- 920 140	- 1120 140
Weight, kg, no more than	16,5	36	41	68	97	150