

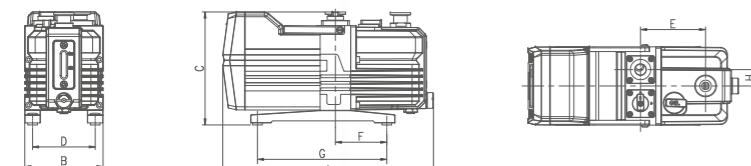
UD Series

Highly Reliable
vacuum pumps for
Harsh Environment

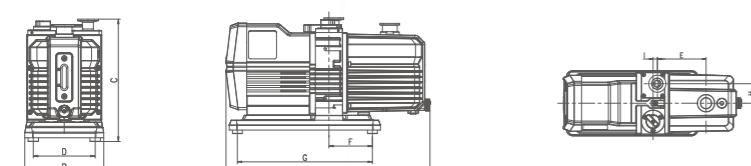
Technical parameters

Model	UD2	UD8	UD12	
Appearance				
Vacuuming speed (m³/h)	50/60Hz	2.5	8	10
Total ultimate pressure Gas ballast closed (Pa)		5x10⁻¹	5x10⁻¹	5x10⁻¹
Total ultimate pressure Gas ballast opened (Pa)		3	3	3
Power supply	single phase	single phase	single phase	
Motor power (kW)	1/3 HP	3/4 HP	3/4 HP	
Gas inlet / exhaust port	KF16	KF25	KF25	
Oil capacity (L)	0.3	0.75	0.75	
Motor speed (rpm)	50/60Hz	1800	1500	1500
Ambient temperature (°C)		5 - 40	5 - 40	5 - 40
Noise (dB)		≤50	≤50	≤52
Weight (kg)		10	15	15

Unit: mm



Model	A	B	C	D	E	F	G	H
UD2	310	116	169	92	95.5	75.5	190	24



Model	A	B	C	D	E	F	G	H	I
UD8/12	414	152	235	119	113.5	88	274	45.5	10

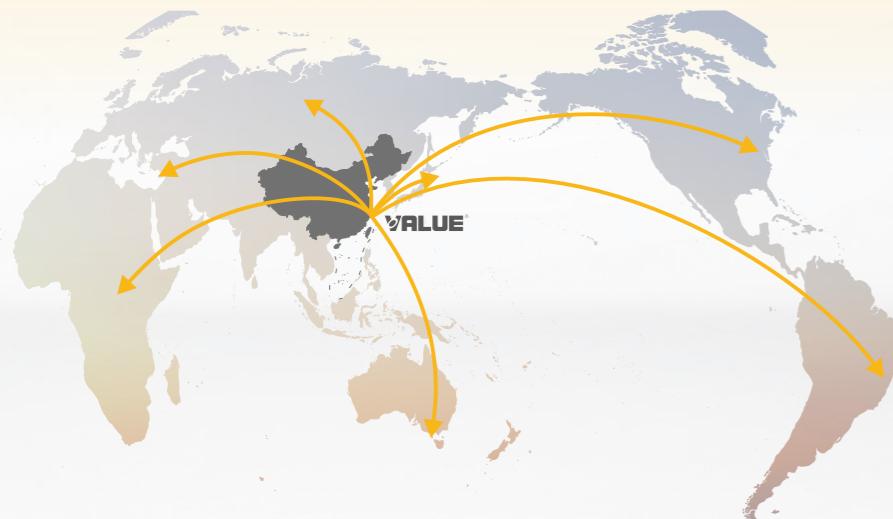
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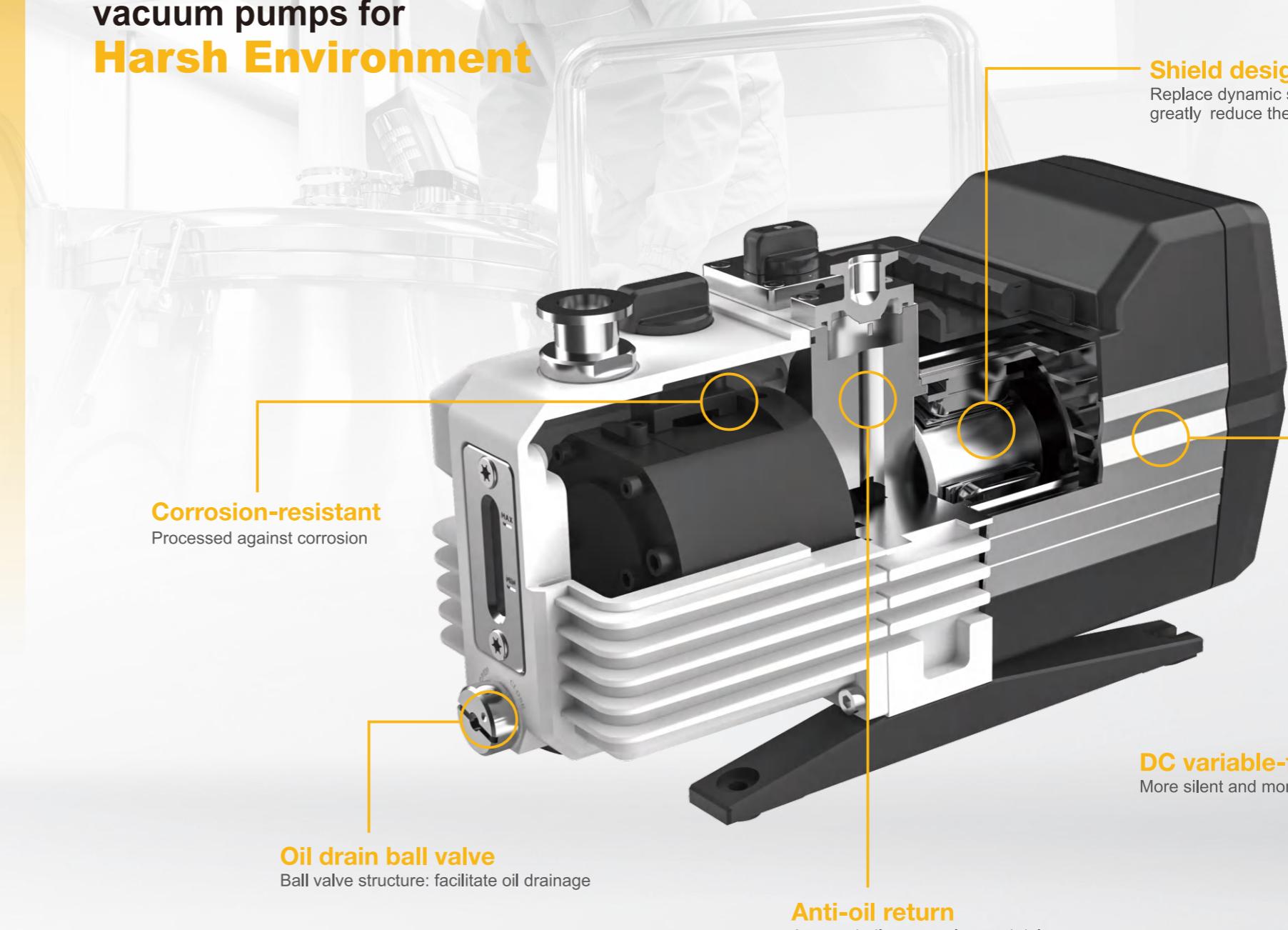
About **VALUE**



VALUE As a provider of vacuum solutions in the industries of scientific instruments, biochemical analysis and experiment equipment, VALUE has launched the UD series vacuum pumps for the scenarios with much vapor and corrosive gas. The products are applicable to such fields as extraction, distillation, freeze-drying and glovebox. With the core parts processed against corrosion, the UD series vacuum pumps are well protected from erosion of corrosive substances; meanwhile, they are also fitted with shielding techniques and electromagnetic drive techniques, to eliminate oil leakage due to traditional transmission structure, and guarantee the high-reliability running of vacuum pump at the places with much vapor and corrosive gas. The UD series vacuum pumps are fitted with variable-frequency technique to ensure better silence and higher energy-saving effects; besides, the oil drain ball valve can facilitate oil drainage and replacement, to truly create values for customers!



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Highly Reliable
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Harsh Environment



Shield design

Replace dynamic seal with static seal to greatly reduce the risk of oil leakage

Corrosion-resistant

Processed against corrosion

Oil drain ball valve

Ball valve structure: facilitate oil drainage

Anti-oil return

Auto anti-oil return valve at air inlet

DC variable-frequency motor

More silent and more energy saving