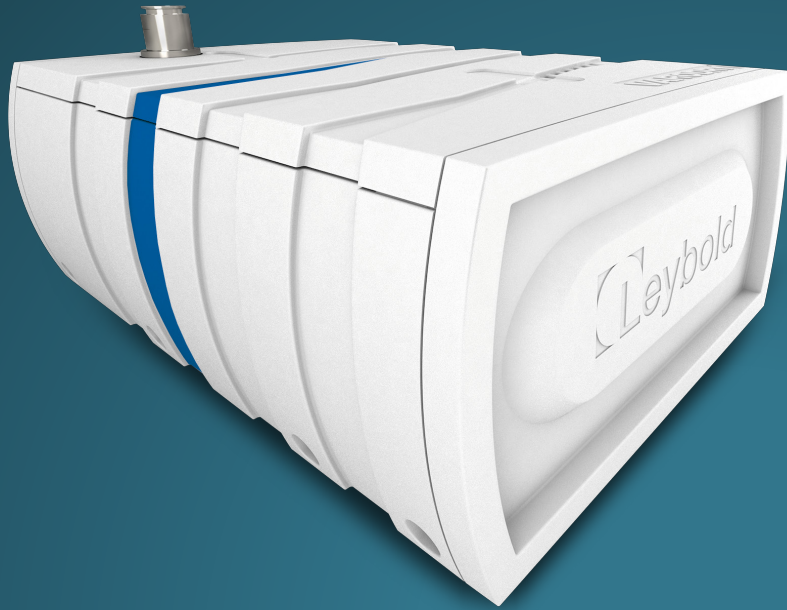




VARODRY Heavy Duty

handles
more than **O₂**

Leybold presents an extension of its
VARODRY platform: this heavy duty, oxygen-handling model
was developed using the same innovative features as the VARODRY.
As a result, the VD HD/O₂ offers you another dry, reliable, efficient and easy vacuum!

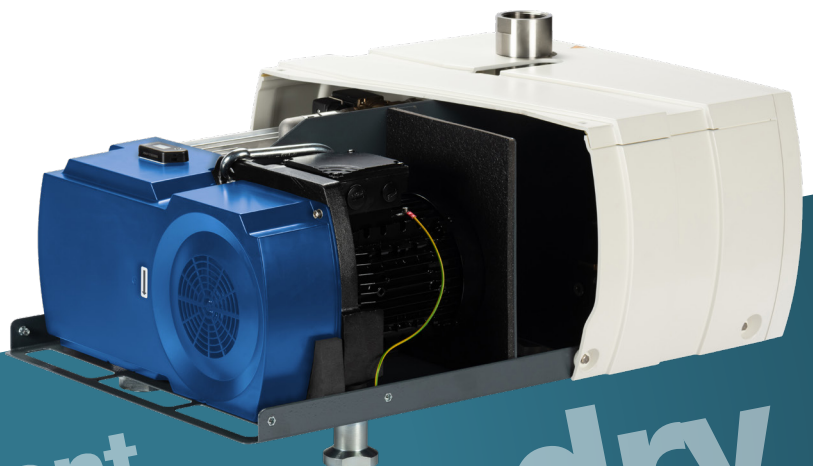
HD
Heavy Duty

VARODRY HD/O₂ is specifically designed with a **stainless steel exhaust** and **built-in purge module**. Together, these allow the pump **to handle some of the harshest applications** in which exhaust gases are usually piped away.

O₂

The combination of the above HD features, the **completely oil-free VARODRY** concept and the extra precautions taken during production to ensure **internally hydrocarbon-free surfaces result in** a VARODRY HD/O₂ capable of **handling up to 100% oxygen**. These capabilities have been **accredited by a notified body**, based on intensive and rigorous testing.

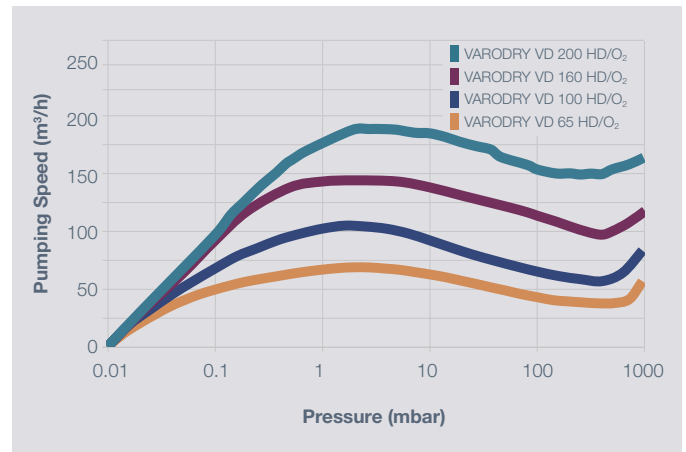
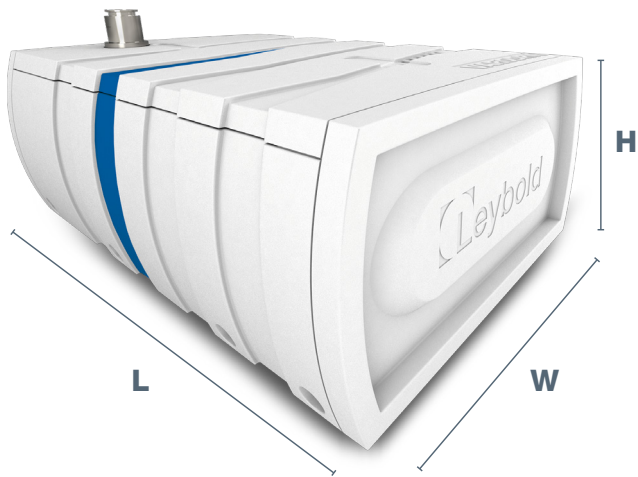
Start taking advantage of the best of today's technology. Your expensive (PFPE) oil replacements are a thing of the past. The VARODRY HD/O₂ minimizes your total cost of ownership!



reliable
efficient

easy dry

VARODRY HD/O₂ Dry Screw Vacuum Pumps



Technical Data

VARODRY		VD 65 HD/O ₂	VD 100 HD/O ₂	VD 160 HD/O ₂	VD 200 HD/O ₂
Max. pumping speed	m³/h	65	105	150	200
Ultimate pressure without gas ballast	mbar	< 0.01 < 0.1			
Ultimate pressure with gas ballast	mbar				
Max. permissible inlet pressure	mbar	1050			
Max. permissible outlet pressure (rel. to ambient)	mbar	200			
Water vapor tolerance with gas ballast	mbar	60			
Water vapor capacity with gas ballast	kg/h	1,9	2,9	5.2	6.9
Noise level (connected with exhaust piping) at ultimate pressure (50 / 60 Hz)*	dB(A)	67 / 70		70 / 73	
Permissible ambient temperature	°C	0 to +40			
Rated motor power	kW	1.5	2.2	3.0	4.0
Protection class		IP55			
In- & outlet connection		G 2“ (In) - G 1 1/2” (Out)			
Dimensions [L x W x H]:	kg	644 x 488 x 315	736 x 488 x 315	889 x 488 x 315	
Weight, approx.	kg	85	95	105	115

*According to DIN EN ISO 2151

Ordering Information	VD 65 HD/O ₂	VD 100 HD/O ₂	VD 160 HD/O ₂ **	VD 200 HD/O ₂ **
50 Hz, 200/400 V +- 10 %, 3 ph	111065V35	111100V35	111160V35	111200V35
60 Hz, 230/460 V +- 10 %, 3 ph	111065V36	111100V36	111160V36	111200V36
60 Hz, 200/380 V +- 10 %, 3 ph	111065V37	111100V37	111160V37	111200V37
Accessories				
Inlet non return valve G 2" (for inlet pressures > 1 mbar)	111005A15			
Inlet Adapter				
DN 40 ISO-KF, 20 mm	111005A20			
G 1 1/4", 10 mm	111005A21			
NPT 1 1/4 -11.5, 10 mm	111005A22			
NPT 2-11.5, 35 mm	111005A23			
DN 63 ISO-K, 27 mm	111005A24			
Exhaust Adapters				
DN 40 ISO-KF, 20 mm	111005A30			
NPT 1 1/2-11.5, 30 mm	111005A31			
Casters (only for VARODRY)	111005A50			
Flushing Kit	111005A00			
Soft Starter VD/ND, ≥ 11A, 110-230 V AC				111005A65
Soft Starter VD/ND, ≥ 11A, 24 V DC				111005A66
Soft Starter VD/ND, ≥ 19A, 110-230 V AC				111005A67
Soft Starter VD/ND, ≥ 19A, 24 V DC				111005A68

**Soft starter mandatory



Pioneering products. Passionately applied.