



DRYVAC DV 650/800 FP-r

Ready for daily
washdowns



Our DRYVAC is a rugged, dry screw vacuum pump with excellent energy efficiency. Its compact size and low noise levels enable installation close to the machine, resulting in shorter cycle times and lower installation costs.

The hygienic design and washdown-ready variants of the DRYVAC DV 650 and DV 800 can be installed in close proximity to your production line, increasing your packaging and bottling performance. You can wash down the DV 650/800 FP-r pumps along with your other production equipment.

Our DRYVAC DV650 and 800 can be equipped with either:

Serviceable, integrated stainless steel silencers with no material inside, self draining and easy to clean standard stainless steel silencers (assembled on the side) for clean applications

Customer benefits



Compact design

and water cooling allows installation directly inside the air-conditioned process area



Food safety

Design allows for washdowns with no stainless steel enclosure



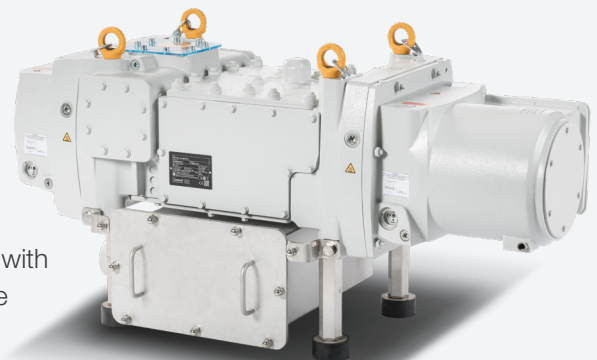
Ready for the harshest applications

Ready for daily washdowns and flushable by liquids inside



Easy maintenance

Optional integrated, easy-to-clean stainless steel silencers



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Technical Data

		DRYVAC	
		DV 650 FP-r 50/60 Hz	DV 800 FP-r 50/60 Hz
Maximum pumping speed	m ³ x h ⁻¹	650	800
Ultimate pressure without gas ballast	mbar	≤ 0.005	
Ultimate pressure with gas ballast	mbar	0,01	
Water vapour tolerance with exhaust shaft seal purge gas	mbar	60	
Water vapour capacity	kg/h	25	30
Noise level with stainless silencer open to the room, at ultimate pressure (according to DIN EN ISO 21 51)	dB(A)	70	73
Bearing lubricant filling	l	1,2	
Rated power	kW	15	19,6
Power consumption < 10 mbar	kW	6.6	7.5
Intake flange		DN 100 ISO-K (1 on top, 2 on the sides)	
Exhaust flange		DN 63 ISO-K (Pumps with silencer: Pipe diameter 88,9 mm)	
Weight, approximate	kg	560	
Weight, approximate (with silencer)	kg	600	
Dimensions (L x W x H)	mm	1211 x 450 x 400	
Dimensions with silencer (L x W x H)	mm	1211 x 580 x 570	

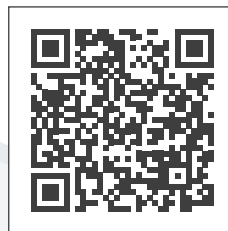
Ordering information

	DRYVAC	
	DV 650 FP-r Part No.	DV 800 FP-r Part No.
With LVO 210	112065FP01-1	112080FP01-1
With LVO 210 and cleanable silencer in stainless steel	112065FP02-1	112080FP02-1
With LVO 410 – PFPE	112065FP21-1	112080FP21-1
With LVO 410 – PFPE and cleanable silencer in stainless steel	112065FP22-1	112080FP22-1
Exhaust silencer in stainless steel (beside the pump)	112005A50	
Stainless steel inlet plate DV650/800 FP-r	112005A51	



DRYVAC DV 650 FP-r designed for wash-down environment

Have a look at our dry compressing, robust vacuum pumps DRYVAC DV 650. We show you a robustness test by the ingressing of 10 liter of water:



Leybold

Pioneering products. Passionately applied.