

LABOVAC 1

Liquid ring technology



- Automatic and compact vacuum plants for laboratories
- Liquid ring vacuum pump ANTIGUA type
- Partial water recycling system
- Capable of handling draw-in dust
- Water flow regulation
- Easy setting
- Electromechanical control board (2 thresholds vacuum switch)
- HEPA simple bacterial filtration with or without by-pass (option)



Characteristics

LABOVAC 1 - 50 Hz ANTIGUA liquid ring pump	Nominal capacity m ³ .h ⁻¹	Power kW	Receiver capacity l	Noise level dB(A)	Water consumption *	Weight kg
					(L/min) with separator	
LABOVAC 1 - L30	28	0,85	500	65	2	140
LABOVAC 1 - L60	55	1,5	500	64	2	145
LABOVAC 1 - L100	105	3	500	68	8	175
LABOVAC 1 - L200	210	5,5	500	72	8	265
LABOVAC 1 - L280	290	7,5	500	71	12	280

* consumption for a low pressure less than 200 mbar abs.

Power supply

- 3-phase, 400V+N+E / 50Hz (standard)
- Other tensions and frequencies on request

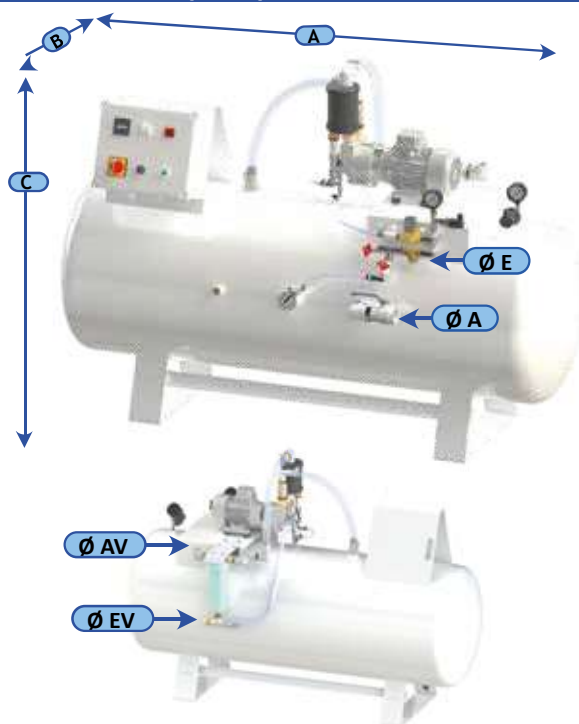


Liquid ring vacuum plants

Laboratories systems



Dimensions (mm)



LABOVAC 1	A	B with filtration	B without filtration	C
LABOVAC 1 - L30	1760	870	820	1250
LABOVAC 1 - L60	1760	870	820	1250
LABOVAC 1 - S100	1760	1000	940	1570
LABOVAC 1 - S200	1760	1000	940	1590
LABOVAC 1 - S280	1760	1000	940	1650

LABOVAC 1	Suction	Exhaust	Ø E*	Ø EV*
LABOVAC 1 - L30	1"1/4	1"	1/2"	3/4"
LABOVAC 1 - L60	1"1/4	1"	1/2"	3/4"
LABOVAC 1 - L100	1"1/4	2"	1/2"	1"1/2
LABOVAC 1 - L200	1"1/4	2"	1/2"	1"1/2
LABOVAC 1 - L280	1"1/4	2"	1/2"	1"1/2

* E : water entry port / EV : water discharge port

* A : air inlet port / AV : air discharge port

Plant references

LABOVAC 1	L30 R50	L60 R50	L100 R50	L200 R50	L280 R50
LABOVAC 1 with separator	925503	925504	925505	925506	925507

Accessories and option references

LABOVAC 1	L30 R50	L60 R50	L100 R50	L200 R50	L280 R50
① Simple bacterial filtration with by-pass mounted on receiver	FD65B 812306	FD130B 812308		FD320B 811836	
Simple bacterial filtration, wall fixation	FD30B 811848	FD65B 811849		FD320B 811851	
② Network alarm	708510				
Transformer 400V/230V	If no neutral available 611099				
③ Additional vertical receiver equipped	1 x 500 liters 710486		1 x 1000 liters 710488		1 x 2000 liters 722341
④ Hose for additional receiver	710992		710993		710994
⑤ Manual tank rinsing	725414		725417		725418
⑥ Tank protection	334974				

LABOVAC 2

Liquid ring technology



- Automatic and compact vacuum plants for laboratories
- Liquid ring vacuum pumps ANTIGUA type
- Partial water recycling system
- Capable of handling draw-in dust
- Water flow regulation
- Easy setting
- MILLENIUM PLC control board or electronic cards CYCLIC 2020
- HEPA simple bacterial filtration with by-pass mounted on plant or delivered separately (option)



Characteristics

LABOVAC 2 - 50 Hz ANTIGUA liquid ring pump	Nominal capacity m ³ .h ⁻¹	Power kW	Receiver capacity l	Noise level dB(A)	Water consumption *	Weight kg
					(L/min) with separator	
LABOVAC 2 - L30	2 x 28	2 x 0,85	500	65	2 x 2	220
LABOVAC 2 - L60	2 x 55	2 x 1,5	500	64	2 x 2	230
LABOVAC 2 - L100	2 x 105	2 x 3	500	68	2 x 8	290
LABOVAC 2 - L200	2 x 210	2 x 5,5	750	72	2 x 8	440
LABOVAC 2 - L280	2 x 290	2 x 7,5	750	71	2 x 12	470

* consumption for a low pressure less than 200 mbar abs.

Power supply

- 3-phase, 400V+N+E / 50Hz (standard)
- Other tensions and frequencies on request

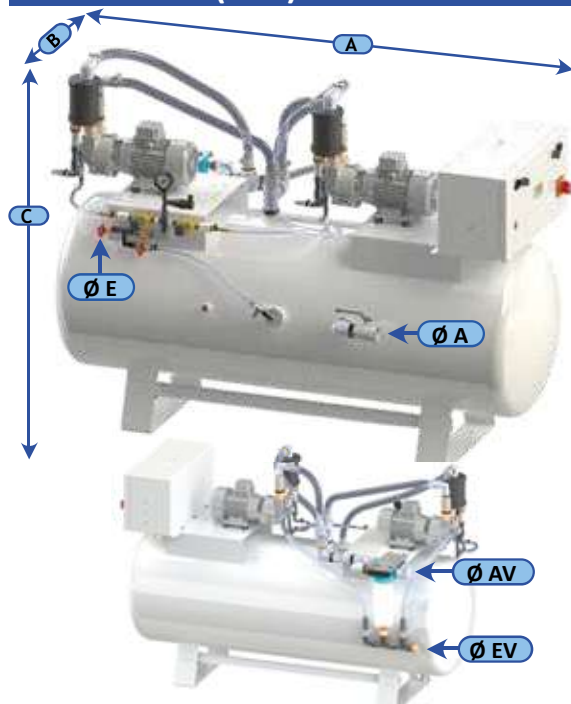


Liquid ring vacuum plants

Laboratories systems



Dimensions (mm)



LABOVAC 2	A	B with filtration	B without filtration	C
LABOVAC 2 - L30	1760	900	840	1250
LABOVAC 2 - L60	1760	900	840	1250
LABOVAC 2 - L100	1760	1000	940	1570
LABOVAC 2 - L200	2300	1050	980	1635
LABOVAC 2 - L280	2300	1050	980	1700

LABOVAC 2	Aspiration	Refoulement	Ø E	Ø EV
LABOVAC 2 - L30	1"1/4	1"1/4	1/2"	1"1/4
LABOVAC 2 - L60	1"1/4	1"1/4	1/2"	1"1/4
LABOVAC 2 - L100	1"1/4	2"	1/2"	1"1/2
LABOVAC 2 - L200	2"	2"	1/2"	1"1/2
LABOVAC 2 - L280	2"	2"	3/4"	1"1/2

* E : water entry port / EV : water discharge port

* A : air inlet port / AV : air discharge port

Plant references

LABOVAC 2	L30 R50	L60 R50	L100 R5	L200 R75	L280 R75
LABOVAC 2 C2020 with separator	925508	925509	925510	925511	925512
LABOVAC 2 MIL without separator	925513	925514	925515	925516	925517

Accessories and option references

LABOVAC 2	L30 R5	L60 R5	L100 R5	L200 R75	L280 R75
① Simple bacterial filtration with by-pass mounted on receiver	FD65B 812306	FD130B 812308		FD320B 811836	
Simple bacterial filtration, wall fixation	FD65B 811849	FD130B 811850		FD320B 811851	
② Network alarm	CYCLIC 2020 611027 MILLENIUM 616690				
Transformer 400V/230V	If no neutral available 611099				
③ Additional vertical receiver equipped	1 x 500 liters 710486		1 x 1000 liters 710488		1 x 2000 liters 722341
④ Hose for additional receiver	710992		710993		710994
⑤ Manual tank rinsing	725414		725417		725418
⑥ Tank protection	334974				