

# 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 <sup>3</sup> .h <sup>-1</sup>	Power kW	Receiver capacity l	Noise level dB(A)	Water consumption * (L/min)		Weight kg
					opened range	with separator	
LABOVAC 1 - S27	24	1,1	500	64	4	2	140
LABOVAC 1 - S52	45	2,2	500	70	4	2	145
LABOVAC 1 - S127	82	3	500	70	8	4	175
LABOVAC 1 - S162	145	5,5	500	73	16	8	265
LABOVAC 1 - S252	195	5,5	500	72	16	8	280

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

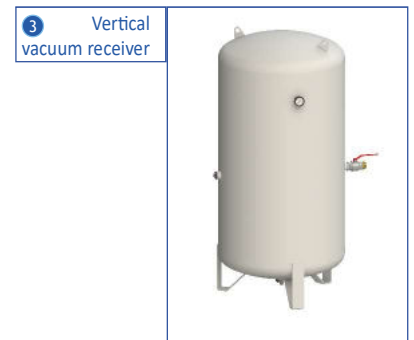
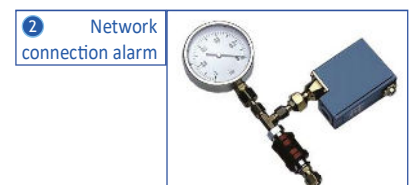
### Available set-up

	LABOVAC 1
with separator for partial water recycling	■
without separator	■
Bacterial filtration	◆
Network alarm	◆

- Standard equipment depending on model
- ◆ Optional equipment

### Power supply

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

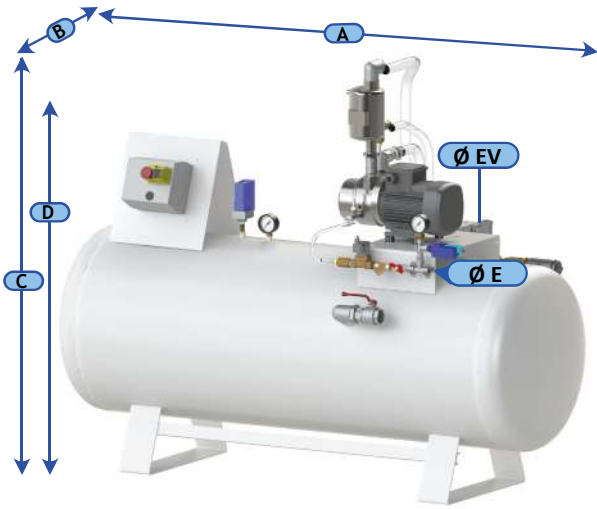


# Liquid ring vacuum plants

## Laboratories systems



### Dimensions (mm)



LABOVAC 1	A	B with filtration	B without filtration	C with separator	D without separator
LABOVAC 1 - S27	1780	900	850	1330	1080
LABOVAC 1 - S52	1780	900	850	1340	1090
LABOVAC 1 - S127	1780	1060	850	1625	1275
LABOVAC 1 - S162	1780	1150	950	1760	1355
LABOVAC 1 - S252	1780	1150	950	1800	1450

LABOVAC 1	Suction	Exhaust	Ø E *	Ø EV *
LABOVAC 1 - S27	1"1/4	1"	1/2"	1"1/4
LABOVAC 1 - S52	1"1/4	1"	1/2"	1"1/4
LABOVAC 1 - S127	1"1/4	1"1/4	1/2"	1"1/4
LABOVAC 1 - S162	1"1/4	1"1/2	1/2"	1"1/4
LABOVAC 1 - S252	1"1/4	1"1/2	1/2"	1"1/4

\* E : water inlet port / EV : water discharge port

### Plant references

LABOVAC 1	S26 R5	S51 R5	S126 R5	S161 R5	S251 R5
LABOVAC 1 with separator	925080	925081	925082	925083	925084
LABOVAC 1 without separator	925085	925086	925087	925088	925089

### Accessories and option references

LABOVAC 1	S26 R5	S51 R5	S126 R5	S161 R5	S251 R5
① Simple bacterial filtration with by-pass mounted on receiver	FD30B 811833	FD65B 812306	FD130B 812308		FD320B 811836
Simple bacterial filtration, wall fixation	FD30B 811848	FD65B 811849	FD130B 811850		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

# 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 <sup>3</sup> .h <sup>-1</sup>	Power kW	Receiver capacity l	Noise level dB(A)	Water consumption * (L/min)		Weight kg
					opened range	with separator	
LABOVAC 2 - S27	2 x 24	2 x 1,1	500	64	2 x 4	2 x 2	220
LABOVAC 2 - S52	2 x 45	2 x 2,2	500	70	2 x 4	2 x 2	230
LABOVAC 2 - S127	2 x 82	2 x 3	500	70	2 x 8	2 x 4	290
LABOVAC 2 - S162	2 x 145	2 x 5,5	750	73	2 x 16	2 x 8	440
LABOVAC 2 - S252	2 x 195	2 x 5,5	750	72	2 x 16	2 x 8	470

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

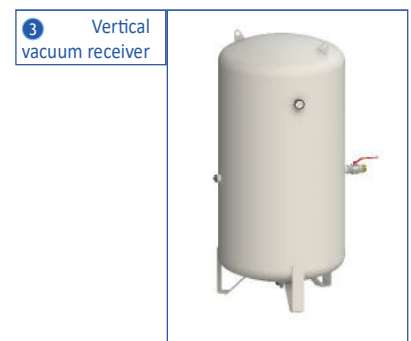
### Available set-up

	LABOVAC 2
with separator for partial water recycling	■
without separator	■
Bacterial filtration	◆
Network alarm	◆

- Standard equipment depending on model
- ◆ Optional equipment

### Power supply

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

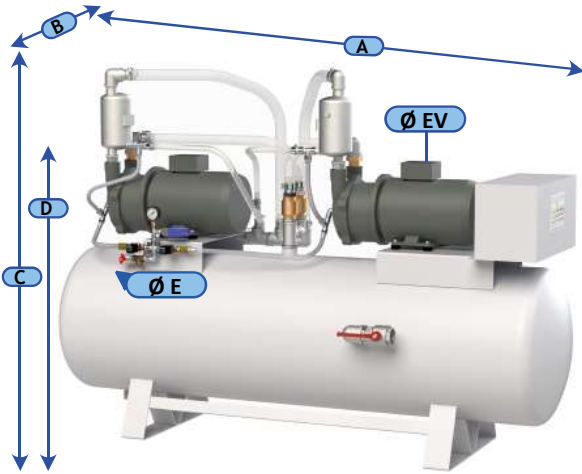


# Liquid ring vacuum plants

## Laboratories systems



### Dimensions (mm)



LABOVAC 2	A	B with filtration	B without filtration	C with separator	D without separator
LABOVAC 2 - S27	1780	900	850	1330	1080
LABOVAC 2 - S52	1780	900	850	1340	1090
LABOVAC 2 - S127	1780	1060	850	1625	1275
LABOVAC 2 - S162	2300	1150	1070	1760	1355
LABOVAC 2 - S252	2300	1150	1070	1860	1450

LABOVAC 2	Suction	Exhaust	Ø E *	Ø EV *
LABOVAC 2 - S27	1"1/4	1"1/4	1/2"	1"1/4
LABOVAC 2 - S52	1"1/4	1"1/4	1/2"	1"1/4
LABOVAC 2 - S127	1"1/4	1"1/4	1/2"	1"1/4
LABOVAC 2 - S162	2"	2"	1/2"	1"1/4
LABOVAC 2 - S252	2"	2"	1/2"	1"1/4

\* E : water inlet port / EV : water discharge port

### Plant references

LABOVAC 2	S27 R5	S52 R5	S127 R5	S162 R75	S252 R75
LABOVAC 2 C2020 with separator	925090	925091	925092	925093	925094
LABOVAC 2 C2020 without separator	925095	925096	925097	925098	925099
LABOVAC 2 MIL with separator	925100	925101	925102	925103	925104
LABOVAC 2 MIL without separator	925105	925106	925107	925108	925109

### Accessories and option references

LABOVAC 2	S27 R5	S52 R5	S127 R5	S162 R75	S252 R75
② 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		FD600B 811852
Network alarm with sensor	CYCLIC 2020		611027		
	MILLENNIUM		616690		
Transformer 400V/230V	If no neutral available		611099		
③ Additional vertical receiver equipped	1 x 500 liters 710486		1 x 1000 liters 710488		2 x 2000 liters 722341
④ Hose for additional receiver	710992		710993		710994