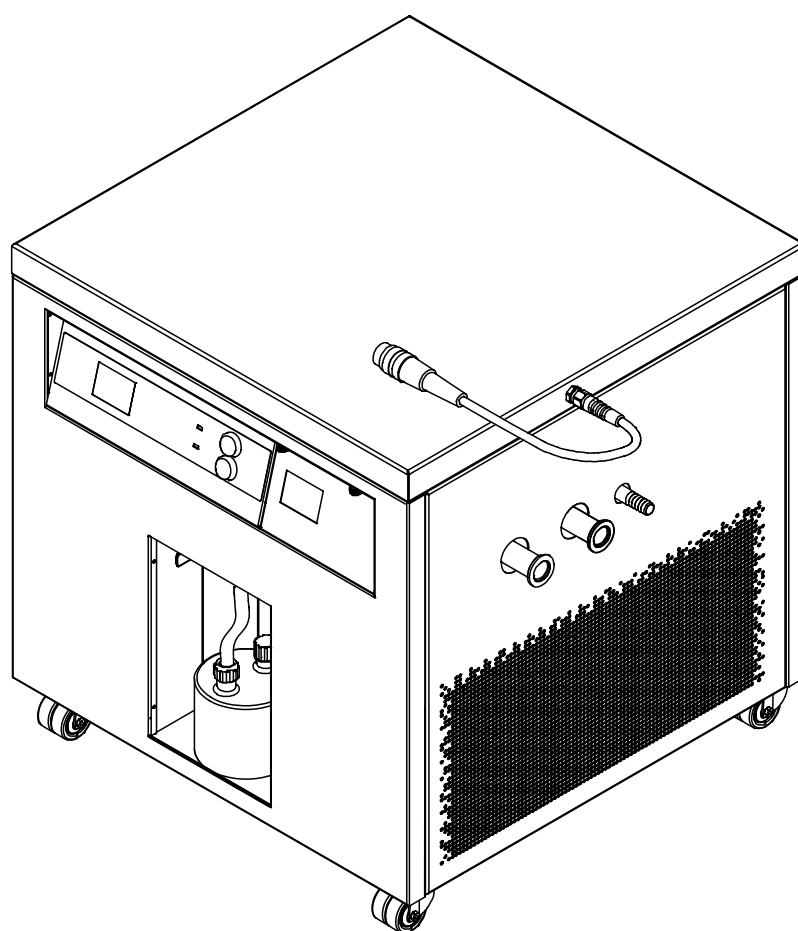




Inert Loop S-395

Technical data sheet



Scope of delivery

All configurations are supplied ready to use.

Component	Dehumidifier S-396
Instrument	1
Woulff bottle	1
Cap nut SVL 22	1
Screw cap SVL 22	1
Seal PTFE	1
PTFE hose connection SVL 22	1
Oxygen Sensor S-395	1
Vacuum clamp KF 25	3
Hose Inert Loop TPR conf.	1

Order code

Choose the configuration according to your needs:

1

1

0

7

4

6

2

Inert Loop S-395

- 0

200 V 50 Hz
- 1

220 - 240 V 50 Hz
- 2

200 V 60 Hz
- 3

240 V 60 Hz

1

1

0

7

5

1

7

4

Inert Loop S-395

220 V 60 Hz

Technical data

Inert Loop S-395

Specification	Inert Loop S-395 200 V 50 Hz	Inert Loop S-395 220 - 240 V 50 Hz	Inert Loop S-395 200 V 60 Hz	Inert Loop S-395 240 V 60 Hz	Inert Loop S-395 220 V 60 Hz
Dimensions (W x D x H)	705 x 660 x 687 mm	705 x 660 x 687 mm	705 x 660 x 687 mm	705 x 660 x 687 mm	705 x 660 x 687 mm
Weight	96.7 kg	91.0 kg	96.7 kg	96.7 kg	91.0 kg
Power consumption	max. 1700 VA	max. 1700 VA	max. 2000 VA	max. 2000 VA	max. 2000 VA
Frequency	50 Hz	50 Hz	60 Hz	60 Hz	60 Hz
Connection voltage	200 V $\pm$ 10 %	220 - 240 V $\pm$ 10 %	200 V $\pm$ 10 %	240 V $\pm$ 10 %	220 V $\pm$ 10 %
Primary fuse	10 A	10 A	14 A	14 A	12 A
Secondary fuse	10 A	-	12 A	12 A	-
IP Code	IP20	IP20	IP20	IP20	IP20
Overvoltage category	II	II	II	II	II
Pollution degree	2	2	2	2	2
Rate of cooling	800 W at 0 °C	800 W at 0 °C	920 W at 0 °C	920 W at 0 °C	920 W at 0 °C
Refrigerant	R449A	R449A	R449A	R449A	R449A
CO-equivalent	1.369 t	1.369 t	1.369 t	1.369 t	1.369 t
Filling amount of refrigerant	0.98 kg	0.98 kg	0.98 kg	0.98 kg	0.98 kg
Safety Group Refrigerants (ASHRAE)	A1 (lower toxicity, no flame propagation)	A1 (lower toxicity, no flame propagation)	A1 (lower toxicity, no flame propagation)	A1 (lower toxicity, no flame propagation)	A1 (lower toxicity, no flame propagation)
Maximum allowable pressure (PS) [Low pressure side]	22 bar	22 bar	22 bar	22 bar	22 bar
Maximum allowable pressure (PS) [High pressure side]	26 bar	26 bar	26 bar	26 bar	26 bar
Min. process gas temperature	-30 °C	-30 °C	-30 °C	-30 °C	-30 °C
Max. process gas temperature	8 °C	8 °C	8 °C	8 °C	8 °C

Specification	Inert Loop S-395	Inert Loop S-395	Inert Loop S-395	Inert Loop S-395	Inert Loop S-395
	200 V	220 - 240 V	200 V	240 V	220 V
	50 Hz	50 Hz	60 Hz	60 Hz	60 Hz
Minimum clearance on all sides	300 mm	300 mm	300 mm	300 mm	300 mm

Ambient conditions

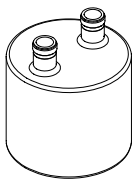
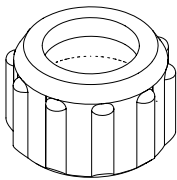
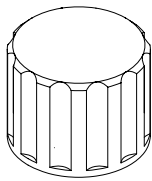
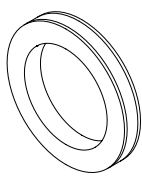
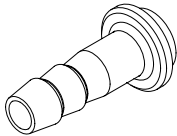
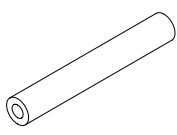
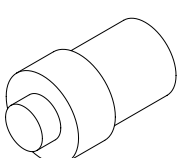
For indoor use only.

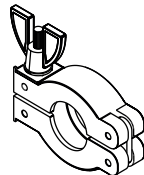
Max. altitude above sea level	2000 m
Ambient temperature	5 – 35 °C
Maximum relative humidity	80 % for temperatures up to 31 °C decreasing linearly to 50 % relative humidity at 35 °C
Storage temperature	max. 40 °C

Materials

Component	Materials of construction
Hose connections, tubing, weld-on nipple	Stainless steel 1.4571
Pre-heat exchanger, condensate separator	Stainless steel 1.4301
Plate heat exchanger	Stainless steel 1.4401
Screw connections, Ball valve	Stainless steel 1.4408
Sealing ball valve	PTFE
Pipe elbow	Stainless steel 1.4307
Pressure switch	PVDF, Viton, NBR/aramid fiber composite
Oxygen sensor	PA, PPS, PTFE, stainless steel
Black hoses	EPDM
Drain tube	PVC
Woulff bottle	Glass
Plate heat exchanger	Stainless steel solder

Spare parts

	Order no.	Image
Woulff bottle	041875	
Cap nut SVL 22	003577	
Screw cap SVL 22	005222	
Seal PTFE	005155	
PTFE hose connection SVL 22	027338	
Silicone hose 10x2.0x80 V0	11075249	
Hose PVC Ø 14x18 L=3m	042824	
Oxygen Sensor S-395 Shelf life max. 1 year	11075130	

	Order no.	Image
Vacuum clamp KF 25	11063662	
Hose Inert Loop TPR conf.	11071076	