

# Rotary Vane Vacuum Pump

**2100A** OR **SD** PASCAL Series

2100A or 2100 SD 85 CFM

Alcatel Adixen Pascal Series 2100A and 2100SD Rotary Vane Vacuum Pump

**Rebuilt**

## 2100A or SD

Addresses the requirements of all major vacuum application for non-corrosive applications.



Paint scheme may be different

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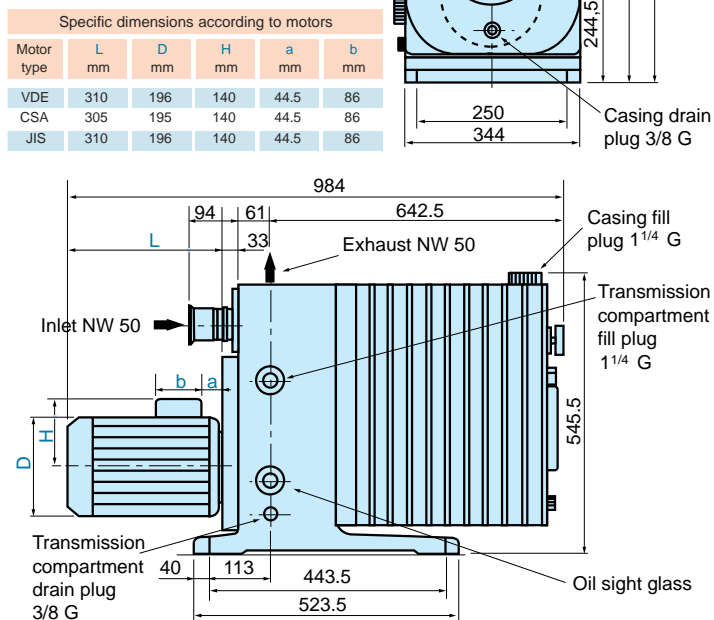


## Specifications for 2100A or 2100SD

### REBUILT A - SD PASCAL Series 2 Stages

Specifications	Units	2100A/SD
Part Number		P10975
Price (2009 Rebuilt Prices)		\$5,475
Nominal pumping speed (*)	50Hz	m <sup>3</sup> /h 120
	60Hz	cfm 85
Pneurop pumping speed (*)	50Hz	m <sup>3</sup> /h 100
	60Hz	cfm 70.6
Ultimate partial pressure (*)		mbar 2.10 <sup>-4</sup>
Ultimate total pressure (*)	closed gas ballast	mbar 3.10 <sup>-3</sup>
	open gas ballast	mbar 3.10 <sup>-2</sup>
Water vapor capacity	50/60Hz	g/h 3000
Water vapor pressure	50/60Hz	mbar 40
Weight (max)		kg (lbs) 231 (508)
Dimensions		see graphic to the right
Electrical motors	50 hz 220/380vac	240/415vac
	60 hz 220/380vac	280/480vac
Max nominal power rating	50/60Hz	kW 3/3.6
Min ambient temperature		°C (°F) 12 (54)
Max ambient temperature		°C (°F) 45 (113)
Oil capacity		l 7.5
Inlet flange		ISO-KF DN 50
Exhaust flange		ISO-KF DN 50

## Dimensional Drawings for 2100A or 2100SD Alcatel Adixen Vacuum Pump (In mm)



## Accessories for 2100A/SD Vacuum Pumps



**Tee Reducer  
KF50 to KF40**  
P/N P101232  
\$42.75

**KF50  
Half Nipple**  
P/N P101222  
\$23.75

**Alcatel 119 Oil**  
P/N P102102  
1 Gallon \$29.00

**KF50  
Full Nipple**  
P/N P101236  
\$58.90

**KF50  
Toggle Clamp**  
P/N P101641  
\$18.80

**2 inch PVC Hose**  
P/N P101414  
Per ft. \$14.00

**KF50 Thin Wall Bellows  
Hose 10", 20", 40"**  
20" P/N P101650 \$289.50  
Other Lengths Available

**KF50 to 40  
Reducer**  
P/N P101635  
\$131.25

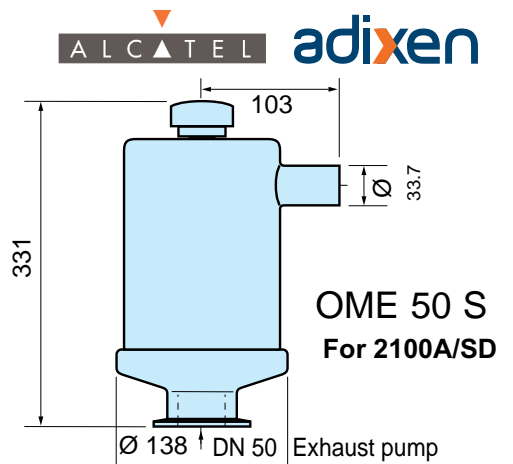
**KF50 Elbow  
45 degrees**  
P/N P101216  
\$78.85

**KF50 to PVC  
Hose Adapter**  
P/N P101392  
\$41.70

**KF 50  
4 Way Cross**  
P/N P101208  
\$171.00

**KF50 Elbow  
90 degrees**  
P/N P101223  
\$71.95

## Oil Mist Eliminators From Alcatel



**OME 50 S  
For 2100A/SD**

### OME 50 S for pump 2100A/SD Suitable for standard applications

material:	body: stainless steel
	cartridge: cellulose
weight:	3.5kg 7.7 lbs
inlet port/exhaust port:	DN50 ISO-KF: P/N 104888
Price:	\$1,464.00
Replacement Cartridge (1 set):	P/N 082672
Price:	\$63.00

## Oil Mist Eliminators For 2100A or SD

Oil Mist eliminators retain oil mist contained in the exhausted gases with a high level of separation; an internal over pressure valve prevents exceeding the maximum exhaust pressure.

### Heavy Duty Oil Mist Eliminator

material: body: carbon steel canister

with 1/4" drain cap, inlet port: 2" P/N P102589

weight: 15 lbs. Parent Flow 125 CFM

Price (comes with cartridge): \$473.00

Adapter 2" inch to ISO KF50 P/N P102336

Price \$131.25

Replacement Cartridge (single): P/N P102627

Price \$80.85

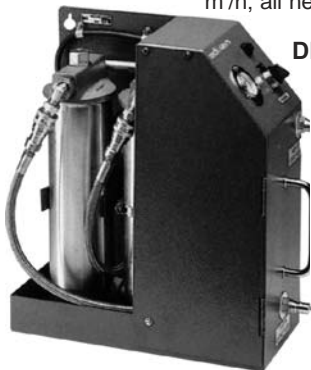


## DE External Oil Filters For 2100A or SD

**DE FILTERS** retain solid particles and/or neutralizes corrosive products contained in the oil of the pump. DE filters can be connected to any rotary vane pump from 5 m<sup>3</sup>/h to 100 m<sup>3</sup>/h; all necessary components for connexion are included.

### DE Filter Media DE1(1 Cartridge) DE2(2 Cartridges)

- **Cellulose filter:** filtration of solid particles only  
Applications: General Use
- **Activated alumina:** envelope/charge of activated alumina  
Applications: mineral acids, Lewis acids, Polar compounds.
- **Activated charcoal:** envelope/charge of activated charcoal.  
Applications: Chlorinated products, water and chlorine, Nitrous vapors, Ammonia.



### ● DE External Filters

	DE1	DE2
Price	\$5095.00	\$7260.00
weight kg/lbs	12/24.6	17/37.4
electrical supply	110/220V 50HZ	115/230V 60 HZ
oil flow hydrocarbon	1000 - 1500 cm <sup>3</sup> /mn	
synthetic	1000 cm <sup>3</sup> /mn at 65° C	
P/N 110/115V	068991	104375
220/230V	068990	104374

### ● Replacement Cartridges

Price	\$97.65	\$91.50	\$115.05
type	activated alumina	activated charcoal	cellulose
P/N	068880	068881	078212

- standard (factory installed) cartridges are:  
DE 1 : activated alumina  
DE 2 : cellulose and activated alumina
- oil volume : DE 1: 1.2 lit. - DE 2: 1.8 lit.

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