

Oil Water Separators

ES2100 - ES2600

Engineering Data Sheet

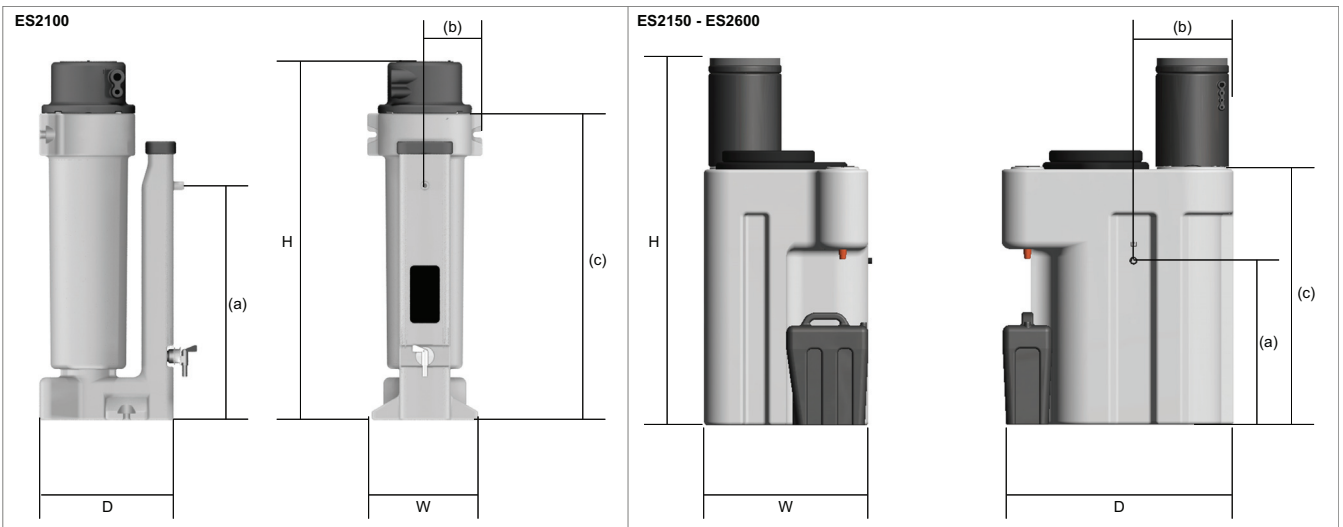


Technical Specification

Model	Pipe Size		Settlement Tank Capacity		Maximum Pressure		Minimum Temperature		Maximum Temperature	
			Litres	US G	bar g	psi g	°C	°F	°C	°F
ES2100	1 x 1/2" 1 x 1/4"	19mm (3/4")	-	-	16	232	5	41	35	95
ES2150	1 x 1/2" 1 x 1/4"	25mm (1")	60	16	16	232	5	41	35	95
ES2200	1 x 1/2" 1 x 1/4"	19mm (3/4")	75	20	16	232	5	41	35	95
ES2300	1 x 1/2" 3 x 1/4"	25mm (1")	125	33	16	232	5	41	35	95
ES2400	1 x 1/2" 3 x 1/4"	25mm (1")	185	49	16	232	5	41	35	95
ES2500	1 x 1/2" 3 x 1/4"	25mm (1")	355	94	16	232	5	41	35	95
ES2600	1 x 1/2" 3 x 1/4"	25mm (1")	485	128	16	232	5	41	35	95

Weights and Dimensions

Model	Height (H)		Width (W)		Depth (D)		(a)		(b)		(c)		Weight			
	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	Empty		Full	
													Kg	lbs	Kg	lbs
ES2100	842	33.0	270	10.6	316	12.4	550	21.6	115	5.53			6	13	24.5	154
ES2150	810	32.0	433	17.0	350	14.0	476	18.7	40	1.57	675	26.6	10	22	78.5	173
ES2200	803	32.0	450	18.0	350	14.0	476	18.7	55	2.2	675	26.6	12	26	93.5	206
ES2300	1195	47.0	500	20.0	795	41.7	500	20.0	322	12.7	750	29.53	27	59	159	350
ES2400	1195	47.0	650	26.0	795	41.7	500	20.0	322	12.7	750	29.53	36	79	217	477
ES2500	1535	60.0	700	28.0	980	38.7	700	27.6	425	16.7	1090	43.0	70	154	400	880
ES2600	1535	60.0	1000	39.0	1005	39.7	700	27.6	450	17.7	1090	43.0	97	214	550	1210



Preventative Maintenance Kits

Service Intervals

Description of Service Required		Service recommended every:		
Component	Operation	Week	3-month	12-month
Separator	Check for leaks.			
Separator	Check discharged water quality in accordance with local legislations.			
Separator	Replace the carbon bags and pre-filters ⁽¹⁾	See Note (1)		
				
Separator	Replace the vent filter			
Separator	Empty, clean and refill with clean water			

(1) If discharged water quality is equal to or exceeds the maximum permitted levels for oil in water allowed by local legislation then the carbon bags may require changing prior to the 3 month schedule.

Oil in water content cannot be accurately determined from visual inspection, laboratory analysis must be used.

Note: Although the content of oil in water may be within legal limits, detergents and additives within the compressor lubricant may make the outlet water cloudy.

Key:

	Check		Replace
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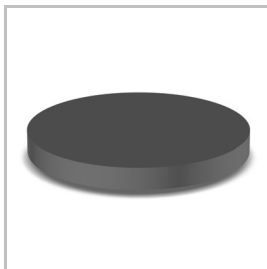
Preventative Maintenance Kits

Required every 3 months



Description	Catalogue No.	Technical Ref.	Contents
Kit: PESMK1 (ES2100, ES2150 and ES2200 models)	605030170	605030170	Carbon bag Pre-filter Latex gloves (x2)
Kit: PESMK2 (ES2300 and ES2400 models)	605030171	605030171	Carbon bag Pre-filter Latex gloves (x2)
Kit: PESMK3 (ES2500 and ES2600 models)	605030172	605030172	Carbon bag Pre-filter Latex gloves (x2)

Required every 12 months



Description	Catalogue No.	Technical Ref.	Contents
Kit: PESVF1 (ES2100, ES2150 and ES2200 models)	605030173	605030173	Vent filter
Kit: PESVF2 (ES2300, ES2400, ES2500 and ES2600 models)	605030174	605030174	Vent filter

Optional Accessories and Spare Parts

Description	Catalogue No.	Technical Ref.	Contents
Kit: POC1 (ES2100, ES2150 and ES2200 models)	605030175	605030175	Oil Container
Kit: POC2 (ES2300, ES2400, ES2500 and ES2600 models)	605030176	605030176	Oil Container
Kit: PST1	605030177	605030177	Sample tap
Kit: PIH2100 (ES2100)	605030178	605030178	Perforated disc Ø75 ES36 Inlet head Pop rivet (x2) Retention plate: Foam pad Baffle piece (x6) Foam insert SE2010
Kit: PIH2150 (ES2150)	605030179	605030179	ES2150 Vent tube Pop rivet (x4) Foam insert SE2010
Kit: PIH2200 (ES2200)	605030180	605030180	Perforated disc Ø75 Perforated disc Ø98 ES90 Inlet head Pop rivet (x4) Retention plate: Foam pad Baffle piece (x6) Foam insert SE2010
Kit: PIH2300-2400 (ES2300 & ES2400 models)	605030181	605030181	250SCFM Inlet assembly Foam insert
Kit: PIH2500-2600 (ES2500 & ES2600 models)	605030182	605030182	SE2040 Inlet assembly Foam insert
Kit: POH2500-2600 (ES2500 & ES2600 models)	605030183	605030183	Outlet assembly
Kit: PFC2150-2600	605030184	605030184	Flexi tube Hose clip
Kit: PIC2150-2600	605030185	605030185	Head insert 0058/0145G K/B Head insert 0405/0620G K/B
Kit: PTL2500 (ES2500 models)	605030186	605030186	ES2500 Tube lid



ELEMENTS

Parker filters are designed to produce clean compressed air, gas and liquid to the highest industry standards. To maintain impeccable results, Elements within the filter must be replaced annually.

Choosing the Parker brand means you can be assured that Elements are readily available, affordable and the most energy efficient product of its kind on the market. The elements are also supplied in 100% recyclable packaging. An additional advantage of purchasing Parker Elements is that you will reduce your company's carbon footprint by 190kg. This is the equivalent of a 700 mile flight from Edinburgh to Berlin!

Parker Filter Elements also prove to be highly efficient when used in any leading competitor's filters.



PARTS

Parker Kits make everyday maintenance easy. They are available for all of our products and are simply value-for money. The Parts within the kits support our customers' varied maintenance, repair and overhaul activities.

Additionally, Preventative Maintenance Kits can be purchased for dryers and gas generators. These kits mean our customers dryer's and generator's can be serviced easily to ensure optimum performance.

An extensive range of durable Parker Parts can be obtained within 24 hours to any European, Middle East or African destination.



SPECIALISED SERVICES

Parker Specialist Service Engineers test on-site efficiency measuring many variables including airflow, pressure, temperature, dewpoint and power consumption.

Our team of highly trained experts are the best in the industry. They take into account a range of environmental factors that could affect your system's performance. The results from this Specialist Service are extremely accurate and produce invaluable information.

Importantly, Parker informed recommendations lead to significant savings for our customers, which mean they return time and time again for our advice and products.



M.R.O

Maintenance Repair & Overhaul - Parker Technicians are the industry's finest. Their skills and qualifications are annually approved to keep their product and legislation knowledge fresh and expertise relevant.

With this in mind, Parker offers onsite and on demand servicing to meet customers' unique requirements in a timely and efficient manner.

Parker MRO service ranges from a basic maintenance check covered under product warranty right through to a comprehensive programme, which even puts the onsite application under the microscope.

With customers at the heart of everything Parker does, the MRO service is no exception to this.

Parker Filter Elements also prove to be highly efficient when used in any leading competitor's filters



SUPPORT SERVICES

Parker Support Services are the first port of call for customers in need of help or guidance.

The fact that this team is responsible for the production of User Guides and Manuals gives you an insight into the level and detail of their parts and product knowledge.

Over-the-phone support is just one way in which Parker's extremely knowledgeable team, quickly reduces downtime or resolves product queries.

On some occasions engineers need to be on site to carry out a repair. In these cases, the local engineer will be quickly dispatched to ensure our customers can return to production as soon as possible.

One-to-one training can also be provided by our Support Services team. This has enabled hundreds of Parker distributors to gain an in-depth understanding. Training will also ensure distributors can make timely repairs and easily maintain their customers' products.



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