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Sheet:  
Issue Date:  
Cancels:

1  
1-Jan-14  
All Previous Pages

Issue Date:

Language:

Currency

1/01/2014

English

EUR



Revision Date	Page N°	Model	Description of Change
1-Jan-14	All	All	Front page changed, Index included and product order changed. (Format changed)
	All	All	2014 price update and technical data updates
	4 & 5	Refrigerated	Included D18100IN & D23000IN (A-W-SW) , Included D26600IN (W-SW)
	6	D1300ec-to D5400ec	Included D1300ec-W/SW to D5400ec-W/SW (Water and Sea Water models)
	12	Options	Options price to be checked in the "Option Book" Option list in page 12
	13	Filters	Delete Eliminator filter, Delete NPT connection in F-Series
	24	polysep	Sizing Included
12-Jul-13	All	F-Series	Included FA30-2700I New filters
8-Apr-13	All	All	Parts price increase.
1-Jan-13	All	All	2013 price update and technical data updates
			Removed D6600-13500IN
			Included D6650IN-13300IN
			Included HOC and Desiccant dryers options.
1-Jan-12	All	All	2012 price update and technical data updates
3-Oct-11		D1300ec to D5400ec	Pricing added for larger Dec Models
1-Jun-11		D42ec to D950ec	Introduction of High Efficiency Cycling Refrigerated dryers - Dec Range
1-Apr-11		Polysep	New page for oil Water Separator Polysep added to Air Treatment Pages
1-Apr-11		all models	Price Increase
1-Apr-11		D_IL & D_IB	option for heater on drains on IB and IL dryers added
1-Apr-11		D_IL & D_IB	option for remote control on IB and IL dryers added

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**MODEL: Small Refrigerated Dryers (50 Hz) D12IN-A to D480IN-A**



**Description**

- Air cooled / 3 in 1 Low Pressure Drop Aluminium Heat Exchanger
- R134a up to D180IN included - R407C for D240IN and above
- Hermetically sealed piston refrigerant compressor / High Efficiency Condenser
- Variable Speed Fan, controlled by the Dryer Controller
- Electronic Drain as Standard
- Advanced Full Feature Control Panel with history of 10 alarms and remote alarm contact
- Contact for Remote alarm in all the models
- Optional Modbus-RS485 connection available
- IP42 electrical rating

**Operating Limitations:**

Ambient : Min 2°C / Max 50°C

Air inlet temperature : Max 60° C

Model	Capacity m <sup>3</sup> /min		Nominal Power kW	Max Op Pressure bar g	Dimensions			Weight kg	Std Power Supply V/Ph/Hz	CPN	List Price EUR
	7°C PDP	3°C PDP			Length mm	Width mm	Height mm				
D12IN-A	0.20	0.16	0.12	14	360	305	402	17	230/1/50	23231673	660 €
D25IN-A	0.42	0.33	0.12	14	360	305	402	23	230/1/50	23231681	740 €
D42IN-A	0.70	0.56	0.18	14	431	389	452	25	230/1/50	23231699	810 €
D54IN-A	0.90	0.72	0.18	14	431	389	452	26	230/1/50	23231707	1,010 €
D72IN-A	1.20	0.96	0.20	14	431	389	452	26	230/1/50	23231715	1,120 €
D108IN-A	1.80	1.44	0.41	14	515	420	562	33	230/1/50	23231723	1,330 €
D144IN-A	2.40	1.92	0.47	14	515	420	562	38	230/1/50	23231731	1,680 €
D180IN-A	3.00	2.40	0.61	14	515	420	562	43	230/1/50	23231749	1,890 €
D240IN-A	4.00	3.20	0.90	14	679	500	562	76	230/1/50	23231756	2,240 €
D300IN-A	5.00	4.00	0.90	14	679	500	978	87	230/1/50	23231764	2,450 €
D360IN-A	6.00	4.80	0.90	14	679	500	978	87	230/1/50	23231772	3,100 €
D480IN-A	8.00	6.40	1.24	14	679	500	978	110	230/1/50	23231780	3,620 €

**Performance based on:**

Ambient Pressure equal to 1 bar a                      Dryer Inlet Pressure equal to 7 bar g  
 Ambient Temperature equal to 25°C                      Dryer Inlet Temperature equal to 35°C  
 Dryer Inlet Air Relative Humidity 100%

Options	CPN	EUR
UltraCare		Please Contact Aftermarket
Remote ON/OFF	23558125	70 €

If Options are selected the Standard CPN should not be used

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**MODEL: Medium Refrigerated Dryers (50 Hz) D600IN-A to 23000IN-A**



**Description**

- Air cooled / Refrigerant Gas R407C
- 3 in 1 Low Pressure Drop Aluminium Heat Exchanger
- High Efficiency Condenser
- Anti-freezing/energy saving function
- Electronic No Loss Drain (ENLD) as Standard
- Advanced Control Panel with dew point indicator / Remote ON/OFF (From D1300IN-A)
- Optional Modbus-RS485 connection available (not available on D780IN and D950IN)
- History of latest 10 alarms (D600IN-A to D950IN-A) and 50 alarms (D1300IN-A to D5400IN-A)
- Operating Limitations:  
 Ambient : Min 2°C / Max 50°C (D600IN-A-D950IN-A)  
 Ambient : Min 2°C / Max 46°C (D1300IN-A-D13300IN-A)

Air inlet temperature : Max 60° C

Model	Capacity m³/min		Nominal Power kW	Max Op Pressure bar g	Dimensions			Weight kg	Std Power	CPN	List Price EUR
	7°C PDP	3°C PDP			Supply V/Ph/Hz						
D600IN-A	12	10	1.24	14	720	750	1350	120	230/1/50	23356280	4,510 €
D780IN-A	15.6	13	2.14	14	720	750	1425	130	400/3/50	23356298	5,240 €
D950IN-A	19	15.8	2.14	13	720	750	1425	150	400/3/50	23356306	6,890 €
D1300IN-A	26	21.7	2.78	13	754	1318	1585	260	400/3/50	23356314	9,440 €
D1410IN-A	28.2	23.5	2.78	13	754	1318	1585	270	400/3/50	23356322	10,120 €
D1890IN-A	37.8	31.5	4.21	13	754	1318	1585	300	400/3/50	23356330	11,260 €
D2520IN-A	50.4	42	5.07	13	754	1318	1585	330	400/3/50	23356348	12,090 €
D3000IN-A	60	50	6.29	13	1320	1510	1570	420	400/3/50	23356355	15,950 €
D4200IN-A	84	70	7.29	13	1320	1510	1570	520	400/3/50	23356363	19,490 €
D4800IN-A	96	80	9.52	13	1320	1510	1570	620	400/3/50	23356389	20,670 €
D5400IN-A	108	90	9.52	13	1320	1510	1570	720	400/3/50	23356397	23,060 €
D6650IN-A	131	111	10.98	13	1510	1500	1570	735	400/3/50	24198939	33,100 €
D9600IN-A	189	160	14.96	13	2267	1500	1570	1150	400/3/50	24198954	48,170 €
D11500IN-A	226	192	18.16	13	2267	1500	1570	1230	400/3/50	24198962	56,420 €
D13300IN-A	262	222	22.32	13	3024	1500	1570	1350	400/3/50	24198970	67,450 €
D18100IN-A	356	302	2 x 14.96	13	4600	1500	1570	2300	400/3/50	24493447	91,100 €
D23000IN-A	452	383	2 x 18.16	13	4600	1500	1570	2460	400/3/50	24493454	109,060 €

**Performance based on:**

Ambient Pressure equal to 1 bar a	Dryer Inlet Pressure equal to 7 bar g
Ambient Temperature equal to 25°C	Dryer Inlet Temperature equal to 35°C
Dryer Inlet Air Relative Humidity 100%	

**Options**

UltraCare

Aftermarket

If Options are selected the Standard CPN should not be used

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**MODEL: Water Cooled and Sea Water Cooled Refrigerated Dryers (50 Hz) D600IN-W/SW to D26600IN-W/SW**



**Description**

- Pressostatic valve in standard / Condenser tube bundle for inspection.
- Refrigerant Gas R407c / 3 in 1 Low Pressure Drop Aluminium Heat Exchanger
- Anti-freezing/energy saving function
- Electronic No Loss Drain (ENLD) as Standard
- Advanced Control Panel with dew point indication and remote ON/OFF (From D1300IN-A)
- Optional Modbus-RS485 connection available (available on D780IN and D950IN only requesting in advance)
- History of latest 10 alarms (D600IN-A to D950IN-A) and 50 alarms (D1300IN-A to D26600IN-A)
- Sea Water: Shell and tube Cupro-nickel Condenser/Stainless steel Pressostatic Valve and fittings/Seawater resistant ENL Drain
- Operating Limitations:  
 Ambient : Min 2°C / Max 50°C (D600IN-W/SW to D950IN-W/SW)  
 Ambient : Min 2°C / Max 45°C (D1300IN-W/SW to D26600IN-W/SW)  
 Max inlet temperature: Max: 60°C

Model	Capacity m³/min		Nominal Power kW	Max Op Pressure bar g	Dimensions			Weight kg	Std Power Supply V/Ph/Hz	CPN	List Price EUR
	7°C PDP	3°C PDP			Length mm	Width mm	Height mm				
<b>Water Cooled Dryers</b>											
D600IN-W	12	10	1.85	14	720	790	1273	120	230/1/50	23589211	4,960 €
D780IN-W	15.6	13	1.98	14	720	790	1273	130	400/3/50	23598030	5,780 €
D950IN-W	19	15.8	2.58	13	720	790	1273	150	400/3/50	23598048	7,570 €
D1300IN-W	26	21.7	3.40	13	754	1318	1440	240	400/3/50	23598055	10,380 €
D1410IN-W	28.2	23.5	3.40	13	754	1318	1440	260	400/3/50	23598063	11,140 €
D1890IN-W	37.8	31.5	5.30	13	754	1318	1440	300	400/3/50	23598071	12,390 €
D2520IN-W	50.4	42	6.88	13	754	1318	1440	330	400/3/50	23506827	13,710 €
D3000IN-W	60	50	7.81	13	1500	1510	1440	420	400/3/50	23598089	17,540 €
D4200IN-W	84	70	11.29	13	1500	1510	1440	520	400/3/50	23598097	21,430 €
D4800IN-W	96	80	12.91	13	1500	1510	1440	620	400/3/50	23598105	22,750 €
D5400IN-W	108	90	12.90	13	1500	1510	1440	720	400/3/50	23477896	25,370 €
D6650IN-W	131	111	9.84	13	1500	1510	1440	745	400/3/50	24217051	33,100 €
D9600IN-W	189	160	13.52	13	2267	1590	1440	1165	400/3/50	24217093	48,170 €
D11500IN-W	226	192	16.26	13	2267	1590	1440	1245	400/3/50	24217127	56,420 €
D13300IN-W	262	222	20.17	13	3024	1590	1440	1280	400/3/50	24217135	67,450 €
D18100IN-W	356	302	2 x 13.52	13	4600	1590	1440	2330	400/3/50	24478240	91,100 €
D23000IN-W	452	383	2 x 16.26	13	4600	1590	1440	2490	400/3/50	24478257	109,060 €
D26600IN-W	524	444	2 x 20.17	13	4600	1590	1440	2560	400/3/50	24638173	120,630 €

<b>Sea Water Cooled Dryers</b>											
D600IN-SW	12.00	10.00	1.85	14	720	790	1273	120	230/1/50	23598113	5,780 €
D780IN-SW	15.60	13.00	1.98	14	720	790	1273	130	400/3/50	23598121	6,670 €
D950IN-SW	19.00	15.83	2.58	13	720	790	1273	150	400/3/50	23598139	8,700 €
D1300IN-SW	26.00	21.67	3.40	13	754	1318	1440	240	400/3/50	23598147	11,930 €
D1410IN-SW	28.20	23.50	3.40	13	754	1318	1440	260	400/3/50	23598154	12,820 €
D1890IN-SW	37.80	31.50	5.30	13	754	1318	1440	300	400/3/50	23598162	14,260 €
D2520IN-SW	50.40	42.00	6.88	13	754	1318	1440	330	400/3/50	23598170	15,440 €
D3000IN-SW	60.00	50.00	7.81	13	1500	1510	1440	420	400/3/50	23598188	19,010 €
D4200IN-SW	84.00	70.00	11.29	13	1500	1510	1440	520	400/3/50	23598196	23,640 €
D4800IN-SW	96.00	80.00	12.91	13	1500	1510	1440	620	400/3/50	23598204	24,690 €
D5400IN-SW	108.00	90.00	12.90	13	1500	1510	1440	720	400/3/50	23598212	27,850 €
D6650IN-SW	131	111	9.84	13	1500	1510	1440	745	400/3/50	24475352	36,410 €
D9600IN-SW	189	160	13.52	13	2267	1590	1440	1165	400/3/50	24475360	52,990 €
D11500IN-SW	226	192	16.26	13	2267	1590	1440	1245	400/3/50	24475378	62,060 €
D13300IN-SW	262	222	20.17	13	3024	1590	1440	1280	400/3/50	24475386	74,200 €
D18100IN-SW	356	302	2 x 13.52	13	4600	1590	1440	2330	400/3/50	24479149	100,210 €
D23000IN-SW	452	383	2 x 16.26	13	4600	1590	1440	2490	400/3/50	24479156	119,970 €
D26600IN-SW	524	444	2 x 20.17	13	4600	1590	1440	2560	400/3/50	24638553	132,690 €

**Performance based on:**

Ambient Pressure equal to 1 bar a	Dryer Inlet Pressure equal to 7 bar g
Ambient Temperature equal to 25°C	Dryer Inlet Temperature equal to 35°C
Dryer Inlet Air Relative Humidity 100%	Water Inlet Temperature= 30°C

**Options**

60 Hz option available on all models **On Request**  
 UltraCare **Please Contact Aftermarket**  
 If Options are selected the Standard CPN should not be used

*Errors & Omissions Excepted*

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**MODEL: New High Efficiency Cycling Refrigerated Dryers D42ec to D5400ec (Thermal Mass™ Evolution)**



**Description**

- Air cooled / R134a & R407c refrigerant / Hermetically sealed refrigerant compressor
  - Unique 3-circuits heat exchanger fully aluminium designed + glycol constant circulation for highest efficiency
  - Electronic Drain on models up to D480ec, Electronic No Loss Drain (ENLD) from D600ec
  - Patented Variable Speed Fan on models up to D600ec
  - Advanced Control Panel with dew point indication
  - Optional RS485 connection available on all models
  - History of latest 10 and 50 alarms
  - Anti-freezing protection
  - Operating Limitations:  
 Ambient : Min 2°C / Max 50°C
- Air inlet temperature : Max 60° C

Model	Capacity		Nominal Power at Different Flow				Max Op Pressure bar g	Dimensions			Weight kg	Std Power Supply V/Ph/Hz	CPN	List Price EUR
	m³/min 7°C PDP	m³/min 3°C PDP	100% kW	75% kW	50% kW	25% kW		Length mm	Width mm	Height mm				
D42ec	0.70	0.56	0.24	0.19	0.12	0.04	14	500	386	651	38	230/1/50	23856719	1,390 €
D54ec	0.90	0.72	0.24	0.19	0.12	0.04	14	500	386	651	39	230/1/50	23793672	1,490 €
D72ec	1.20	0.96	0.32	0.26	0.15	0.06	14	500	386	651	43	230/1/50	23793664	1,680 €
D108ec	1.80	1.44	0.45	0.36	0.22	0.08	14	500	386	651	48	230/1/50	23682826	1,980 €
D144ec	2.40	1.92	0.51	0.41	0.25	0.09	14	500	386	651	51	230/1/50	23740889	2,190 €
D180ec	3.00	2.40	0.65	0.53	0.31	0.11	14	567	420	771	67	230/1/50	23696933	2,400 €
D240ec	4.00	3.20	0.64	0.52	0.31	0.11	14	567	420	771	71	230/1/50	23793680	3,010 €
D300ec	5.00	4.00	0.94	0.76	0.45	0.16	14	730	500	980	105	230/1/50	23856727	3,780 €
D360ec	6.00	4.80	0.94	0.76	0.45	0.16	14	730	500	980	108	230/1/50	23797590	4,120 €
D480ec	8.00	6.40	1.28	1.04	0.62	0.22	14	730	500	980	120	230/1/50	23711709	4,720 €
D600ec	12.00	10.00	1.30	1.05	0.62	0.23	13	780	750	1340	170	230/1/50	23817620	6,870 €
D780ec	15.60	13.00	2.20	1.78	1.06	0.38	13	780	750	1340	220	400/3/50	23856735	8,240 €
D950ec	19.00	15.83	2.20	1.78	1.06	0.38	13	780	750	1340	230	400/3/50	23803877	10,120 €
D1300ec	26.00	21.70	2.98	2.31	1.71	0.94	13	1388	784	1585	390	400/3/50	23911498	12,260 €
D1410ec	28.20	23.50	2.98	2.31	1.71	0.94	13	1388	784	1585	400	400/3/50	23911506	13,440 €
D1890ec	37.80	31.50	4.41	3.42	2.54	1.40	13	1388	784	1585	430	400/3/50	23911514	16,220 €
D2520ec	50.40	42.00	7.73	6.00	4.44	2.45	13	1388	914	1585	500	400/3/50	23900798	18,850 €
D3000ec	60.00	50.00	8.04	6.24	4.62	2.55	13	1510	1500	1570	740	400/3/50	23911522	23,790 €
D4200ec	84.00	70.00	8.04	6.24	4.62	2.55	13	1510	1500	1570	770	400/3/50	23911530	30,640 €
D4800ec	96.00	80.00	10.27	7.97	5.90	3.26	13	1510	1500	1570	1010	400/3/50	23911548	34,340 €
D5400ec	108.00	90.00	10.27	7.97	5.90	3.26	13	1510	1500	1570	1040	400/3/50	23807274	36,900 €

**Performance based on:**

Ambient Pressure equal to 1 bar a  
 Ambient Temperature equal to 25°C  
 Ambient Inlet Pressure equal to 7 bar g  
 Ambient Inlet Temperature equal to 35°C  
 Ambient Inlet Air Relative Humidity 100%

Options	List Price
UltraCare	Please Contact Aftermarket

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

**MODELS: Water Cooled and Sea Water Cooled D1300ec-W/SW to D5400ec-W/SW**

Model	CPN
D1300ec-W	24624361
D1410ec-W	24512162
D1890ec-W	24497679
D2520ec-W	24012452
D3000ec-W	24288888
D4200ec-W	24594905
D4800ec-W	24556532
D5400ec-W	23996465
Model	CPN
D1300ec-SW	24624405
D1410ec-SW	24624488
D1890ec-SW	24624710
D2520ec-SW	24624827
D3000ec-SW	24288890
D4200ec-SW	24624876
D4800ec-SW	24636177
D5400ec-SW	24636482

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**MODEL: High Inlet Temperature Refrigerated Dryers (50 & 60Hz) D12IT-A to D170IT-A**



**Description**

- Air cooled / R134a
- 3 in 1 Low Pressure Drop Aluminium Heat Exchanger
- Integrated general purpose filter removing air particle up to 1 micron
- Integrated aftercooler to handle inlet temperature up to 93 °C
- Electronic Drain as Standard
- Advanced Full Feature Control Panel with history of 10 alarms
- IP42 electrical rating
- Operating Limitations:  
 Ambient : Min 2°C / Max 50°C Air inlet temperature : Max 93° C

Model	Capacity m³/min		Nominal Power kW	Max Op Pressure bar g	Dimensions			Weight kg	Std Power Supply V/Ph/Hz	CPN	List Price EUR
	7°C PDP	3°C PDP			Length mm	Width mm	Height mm				
D25IT-A	0.47	0.42	0.16	14	500	386	651	38	230/1/50	23403595	1,530 €
D42IT-A	0.79	0.70	0.28	14	500	386	651	39	230/1/50	23403603	1,730 €
D60IT-A	1.13	1.00	0.41	14	500	386	651	39	230/1/50	23403629	2,190 €
D102IT-A	1.92	1.70	0.41	14	567	420	771	57	230/1/50	23403637	3,320 €
D140IT-A	2.64	2.33	0.47	14	567	420	771	62	230/1/50	23403645	3,670 €
D170IT-A	3.20	2.83	0.61	14	567	420	771	67	230/1/50	23403652	4,180 €
<b>60Hz</b>											
D25IT-A	0.42	0.36	0.24	14	500	386	651	38	230/1/60	23470396	1,580 €
D42IT-A	0.70	0.60	0.37	14	500	386	651	39	230/1/60	23470404	1,790 €
D60IT-A	1.00	0.88	0.37	14	500	386	651	39	230/1/60	23470412	2,250 €
D102IT-A	1.70	1.45	0.50	14	567	420	771	57	230/1/60	23470420	3,420 €
D140IT-A	2.33	1.98	0.50	14	567	420	771	62	230/1/60	23470438	3,840 €
D170IT-A	2.83	2.41	0.58	14	567	420	771	67	230/1/60	23470446	4,360 €

**Performance based on:**

Ambient Pressure equal to 1 bar a	Dryer Inlet Pressure equal to 7 bar g
Ambient Temperature equal to 25°C	Dryer Inlet Temperature equal to 66°C
Dryer Inlet Air Relative Humidity 100%	

**Options**

UltraCare		<b>Aftermarket</b>
Remote ON/OFF	23558125	<b>70 €</b>
<i>If Options are selected the Standard CPN should not be used</i>		

*Errors & Omissions Excepted*

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**MODEL: Small Refrigerated Dryers (50 & 60Hz) D54IN-HP to D480IN-HP - HIGH PRESSURE (40 BAR)**



**Description**

- Air cooled / R134a / 3 in 1 Low Pressure Drop Aluminium Heat Exchanger
- Hermetically sealed piston refrigerant compressor / High Efficiency Condenser
- Variable Speed Fan, controlled by the Dryer Controller
- Electronic Drain as Standard
- Advanced Full Feature Control Panel with history of 10 alarms and remote alarm contact
- Optional Modbus-RS485 connection available
- IP42 electrical rating
- Operating Limitations:  
 Ambient : Min 2°C / Max 50°C  
 Pressure : Min 5 bar / Max 40 bar

Air inlet temperature : Max 55° C

Model	Capacity		Nominal Power kW	Max Op Pressure bar g	Dimensions			Weight kg	Std Power Supply V/Ph/Hz	CPN	List Price EUR
	m³/min 7°C PDP	3°C PDP			Length mm	Width mm	Height mm				
D54IN-HP	0.90	0.72	0.16	40	420	515	565	26	230/1/50	23716723	2,300 €
D72IN-HP	1.20	0.96	0.20	40	420	515	565	26	230/1/50	23716764	2,400 €
D108IN-HP	1.80	1.44	0.41	40	420	515	565	33	230/1/50	23716772	2,650 €
D144IN-HP	2.40	1.92	0.41	40	420	515	565	34	230/1/50	23716798	2,860 €
D180IN-HP	3.00	2.40	0.50	40	420	515	565	43	230/1/50	23720634	2,960 €
D270IN-HP	4.50	3.20	1.00	40	500	680	980	85	230/1/50	23716814	4,340 €
D360IN-HP	6.00	4.80	1.00	40	500	680	980	87	230/1/50	23716822	4,570 €
D480IN-HP	8.00	6.40	1.40	40	500	680	980	110	230/1/50	23716830	5,040 €
D660IN-HP	11.00	10.00	1.40	40	500	680	980	120	230/1/50	23716855	5,200 €
<b>60Hz</b>											
D54IN-HP	0.90	0.72	0.20	40	420	515	565	26	230/1/60	23976780	2,450 €
D72IN-HP	1.20	0.96	0.24	40	420	515	565	26	230/1/60	23976798	2,550 €
D108IN-HP	1.80	1.44	0.50	40	420	515	565	33	230/1/60	23976806	2,650 €
D144IN-HP	2.40	1.92	0.50	40	420	515	565	34	230/1/60	23975360	2,860 €
D180IN-HP	3.00	2.40	0.71	40	420	515	565	43	230/1/60	23976814	2,910 €
D270IN-HP	4.50	3.20	1.46	40	500	680	980	85	230/1/60	23976822	4,690 €
D360IN-HP	6.00	4.80	1.46	40	500	680	980	87	230/1/60	23976848	4,740 €
D480IN-HP	8.00	6.40	1.73	40	500	680	980	110	230/1/60	23976855	5,360 €
D660IN-HP	11.00	10.00	1.73	40	500	680	980	120	230/1/60	23976863	5,510 €

**Performance based on:**

Ambient Pressure equal to 1 bar a                      Dryer Inlet Pressure equal to 40 bar g  
 Ambient Temperature equal to 25°C                      Dryer Inlet Temperature equal to 35°C  
 Dryer Inlet Air Relative Humidity 100%

**Options**

UltraCare

Please Contact Aftermarket

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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## MODEL: Modular Desiccant Dryers (D5IM to D299IM)



### Description

- Air Quality to -40°C ISO 8573 Class 2 dew point performance
- Optional ISO 8573 Class 1 dew point performance available
- Filtration Provided as Standard (Filters Shipped Loose on models D41IM and above)
- Electronic Control Panel: D5IM-D34IM Easy to Read User Interface/D41IM-D299IM Interface with Functionality, which also shows tower pressure gauges.
- Low noise levels for point of use application
- Operating Limitations:

Air inlet temperature : Max 50° C

Model	Capacity		Max Op Pressure bar g	Dimensions			Weight kg	Std Power Supply V/Ph/Hz	CPN	List Price EUR
	m³/h	m³/min		Length mm	Width mm	Height mm				
<b>Model: -40°C PDP</b>										
D5IM	5.00	0.08	12	149	289	422	11	230/1/50	23166895	1,160 €
D14IM	14.00	0.23	12	149	289	616	16	230/1/50	23166903	1,370 €
D25IM	25.00	0.42	12	149	289	906	23	230/1/50	23166911	1,680 €
D34IM	34.00	0.57	12	149	289	1098	28	230/1/50	23166929	1,710 €
D41IM	41.00	0.68	16	302	284	837	32	230/1/50	23166937	1,890 €
D54IM	54.00	0.90	16	302	284	1003	37	230/1/50	23166945	2,160 €
D71IM	71.00	1.18	16	302	284	1168	42	230/1/50	23166952	2,450 €
D90IM	90.00	1.50	16	302	284	1333	47	230/1/50	23166960	2,650 €
D110IM	110.00	1.83	16	302	284	1499	52	230/1/50	23166978	3,180 €
D150IM	150.00	2.50	16	302	284	1747	60	230/1/50	23166986	3,830 €
D180IM	180.00	3.00	13	566	220	1433	80	230/1/50	23166994	4,340 €
D221IM	221.00	3.68	13	566	220	1599	90	230/1/50	23167000	5,050 €
D299IM	299.00	4.98	13	566	220	1847	104	230/1/50	23167018	5,540 €
<b>Model: -70°C PDP</b>										
D41IM	28.70	0.48	16	302	284	837	32	230/1/50	23167026	2,400 €
D54IM	37.80	0.63	16	302	284	1003	37	230/1/50	23167034	2,540 €
D71IM	49.70	0.83	16	302	284	1168	42	230/1/50	23167042	2,810 €
D90IM	63.00	1.05	16	302	284	1333	47	230/1/50	23167059	3,110 €
D110IM	77.00	1.28	16	302	284	1499	52	230/1/50	23167067	3,750 €
D150IM	105.00	1.75	16	302	284	1747	60	230/1/50	23167075	4,540 €
D180IM	126.00	2.10	13	566	220	1433	80	230/1/50	23167083	5,000 €
D221IM	154.70	2.58	13	566	220	1599	90	230/1/50	23167091	5,710 €
D299IM	209.30	3.49	13	566	220	1847	104	230/1/50	23167109	6,220 €
<b>Model: With EMS for -40°C only (-70°C: contact IR)</b>										
D41IM	41.00	0.68	16	302	284	837	32	230/1/50	23172265	3,880 €
D54IM	54.00	0.90	16	302	284	1003	37	230/1/50	23172273	3,960 €
D71IM	71.00	1.18	16	302	284	1168	42	230/1/50	23172299	4,230 €
D90IM	90.00	1.50	16	302	284	1333	47	230/1/50	23172356	4,440 €
D110IM	110.00	1.83	16	302	284	1499	52	230/1/50	23172364	5,200 €
D150IM	150.00	2.50	16	302	284	1747	60	230/1/50	23172372	5,710 €
D180IM	180.00	3.00	13	566	220	1433	80	230/1/50	23172380	6,220 €
D221IM	221.00	3.68	13	566	220	1599	90	230/1/50	23172398	6,730 €
D299IM	299.00	4.98	13	566	220	1847	104	230/1/50	23172406	7,130 €

### Performance based on:

Ambient Pressure equal to 1 bar a      Dryer Inlet Pressure equal to 7 bar g  
 Ambient Temperature equal to 25°C      Dryer Inlet Temperature equal to 35°C  
 Dryer Inlet Air Relative Humidity 100%

Options	List Price	EUR
UltraCare		Aftermarket

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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**MODEL: Heated Blower Desiccant Dryers (D500IB to D14900IB)**



**Description**

- Inlet (High Efficiency) and outlet (General Purpose) heavy duty filters supplied with all dryers
- Control panel display: Tower status (drying & regeneration)/Operating & Purge Times/Operation Hours
- Alarm: High Dew Point, time of alarm, history of last 20 alarms, High Outlet Temperature, Blower failure
- Energy Management System available as std feature to reduce operating costs by measuring the outlet dewpoint and adjusting the cycle time accordingly to save energy
- Operating Limitations:
  - Ambient : Min 1°C / Max 50°C
  - Minimum capacity = 23% of dryer maximum capacity at reference conditions

Air inlet temperature : Max 50° C

Model	Capacity		Air In/Out Connection BSPT (in)	Max Op Pressure bar g	Dimensions			Weight kg	Std Power Supply V/Ph/Hz	CPN With EMS	With EMS List Price EUR
	m³/hr	m³/min			Length mm	Width mm	Height mm				
<b>Model: -40°C PDP</b>											
D500IB	500.00	8.33	1.5 "	5 - 10	1340	950	1730	670	400/3/50	23492903	34,780 €
D900IB	900.00	15.00	2.0 "	5 - 10	1440	980	2100	958	400/3/50	23492911	42,230 €
D1400IB	1,400.00	23.33	3.0 "	5 - 10	1630	1470	2235	1450	400/3/50	23492929	48,350 €
D1800IB	1,800.00	30.00	3.0 "	5 - 10	1980	1500	2040	1768	400/3/50	23492937	55,490 €
D2200IB	2,200.00	36.67	3.0 "	5 - 10	1980	1500	2040	1855	400/3/50	23492945	66,300 €
D2600IB	2,600.00	43.33	3.0 "	5 - 10	2490	1650	2300	2501	400/3/50	23492952	74,460 €
D3200IB	3,200.00	53.33	DN125	5 - 10	2490	1750	2340	2772	400/3/50	23492960	81,750 €
D3900IB	3,900.00	65.00	DN125	5 - 10	2490	1680	2340	3134	400/3/50	23492978	94,450 €
D5300IB	5,300.00	88.33	DN150	5 - 10	2340	3050	1980	4413	400/3/50	23492986	121,180 €
D7000IB	7,000.00	116.67	DN150	5 - 10	3200	2100	2340	5518	400/3/50	23492994	148,610 €
D9300IB	9,300.00	155.00	DN150	5 - 10	3510	2230	2450	6067	400/3/50	23493000	192,170 €
D10600IB	10,600.00	176.67	DN150	5 - 10	3810	2370	2610	7257	400/3/50	23493026	227,150 €
D14900IB	14,900.00	248.33	DN200	5 - 10	4270	2510	2670	9026	400/3/50	23493034	305,800 €

**Performance based on:**

Ambient Pressure equal to 1 bar a	Dryer Inlet Pressure equal to 7 bar g
Ambient Temperature equal to 25°C	Dryer Inlet Temperature equal to 35°C
Dryer Inlet Air Relative Humidity 100%	

Options	List Price	EUR
See option page		
UltraCare		
<b>Please Contact Aftermarket</b>		

If Options are selected the Standard CPN should not be used

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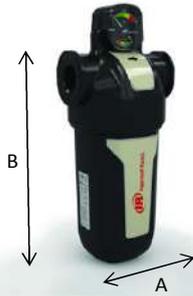
## Desiccant Dryers Options

Nomenclature	Option Name
60	60 Hz version
TB	Transformer box
DR	4-20mA Output/remote dew point
RA	Remote alarm
ROO	Remote on /off
65	IP65 electrical rating plus stainless steel control box
EA	2 Earth connections on opposite sides of the Dryer
FS	Fail to Shift (pressure switches in electrical enclosure and pressure lines from each tower)
RE	Retrofit EMS (Dew point meter + Connection cable)
DPT	Dew Point Transmitter
LG	Liquid Filled Gauges
CP	Pneumatic control
SS	Stainless Steel Control Air Lines (SSL)
AF	ANSI connection flanges
FA	Adaptor connection
GV	Galvanized vessels
GM	Galvanized manifolds
SKID	Skid for two dryers
VI	Tower insulation
LT	Insulation for vessels + heater for electrical cabinet + heater for drain of the filters
LTC	1 cabinet for full dryer with thermal protection inside the cabinet
BY	3V + bypass
DF	Dual Filter Package (1 extra filter at inlet and 1 extra filter at outlet + Dryer Bypass)
80	<80 Db silencer
MP	Marine Painting
SC	Special Color
EB	Export Boxing
SB	Seaworthy Packaging (Wooden Box with Fitosanitary treatment)
NP	Name plates in customize for the customer (language , data, stainless steel)
FO(AD)	Automatic drains ENL
FO(ADH)	ENLD drain with heater (1x)
FO(DPS)	Transmitter for pressure loss for filters
FO(DPM)	Differential pressure gauge with switch contacts for pressure loss for filters
FO(DPE)	4-20mA Output/remote transmitter for pressure loss for filters
WT	Witness functional test (in Slovenia)
HTW	Hydrostatic Witness Test (in Slovenia)
WT-DVD	Witness functional test (DVD only)
HTW-DVD	Witness hydrostatic test - DVD only
CQ	Quality control documents
AS	ASME VII U-Stamp for dryers vessels only
ASPED	ASME VII design for dryers vessels - PED certificate
ASU	Calculation between Asme vessels and EN vessels

**Please check the option Price book for more information**



## MODEL: Dust Filters - BSPT Connection



### Description

- Air quality to ISO 8573.1:2010 / Class 3 Solid particulate
- Particle removal down to 1 micron
- Operating Limitations
  - Maximum operating pressure 17.2 bar (g)
  - Maximum operating temperature 80 C
  - Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE
- Standard filters include differential gauge and 1/2"F Manual Valve

Model	Capacity 7 bar g m³/min	PORT CONN BSPT	Dimension		Weight Kg	Filter CPN	List price EUR	Filter Element CPN	List price EUR	Quantity Per Filter
			A mm	B mm						
FA30ID	0.48	3/8"	76	172	0.562	24356495	150 €	24356677	75 €	1
FA40ID	0.62	1/2"	76	172	0.547	24231854	180 €	24241838	90 €	1
FA75ID	1.27	3/4"	98	227	1.069	24231938	200 €	24241879	105 €	1
FA110ID	1.84	3/4"	98	227	1.091	24232027	270 €	24241937	115 €	1
FA150ID	2.49	1"	129	266	2.063	24232092	330 €	24242000	135 €	1
FA190ID	3.12	1"	129	266	2.063	24232175	370 €	24242067	145 €	1
FA230ID	3.82	1"	129	266	2.063	24232258	440 €	24242125	165 €	1
FA400ID	6.66	1 1/2"	129	356	2.361	24232340	590 €	24242190	230 €	1
FA490ID	8.21	1 1/2"	129	356	2.361	24232423	670 €	24242257	240 €	1
FA600ID	9.91	2"	170	465	5.196	24232506	750 €	24242299	260 €	1
FA800ID	13.31	2"	170	465	5.238	24232589	850 €	24242331	280 €	1
FA1000ID	16.99	2"	170	465	5.257	24232662	1,000 €	24242372	340 €	1
FA1200ID	20.11	3"	205	547	9.307	24232746	1,060 €	24242414	395 €	1
FA1560ID	26.05	3"	205	647	10.694	24232829	1,160 €	24242455	455 €	1
FA1830ID	30.59	3"	205	647	10.694	24232902	1,350 €	24242497	540 €	1
FA2300ID	38.23	3"	205	877	13.696	24232985	1,610 €	24242539	710 €	1
FA2700ID	45.31	3"	205	877	13.696	24233066	1,800 €	24242570	800 €	1

### Options and Parts

MODEL	O RING SET CPN	DIFFERENTIAL GAUGE(BSPT) CPN	CLAMP KIT CPN	BRACKET KIT CPN
F30I	24356701	24356750	24361917	24361966
F40I	24334930	24356750	24361917	24361966
F75I-F110I	24334955	24335044	24361925	24361974
F150I-F230I	24334963	24335044	24361933	24361982
F400I-490I	24334971	24335044	24361933	24361982
F600I-1000I	24334989	24335044	24361941	24361990
F1200I	24334997	24335044	24361958	24362006
F1560I-F1830I	24335002	24335044	24361958	24362006
F2300I-F2700I	24335010	24335044	24361958	24362006

24335028 AUTO DRAIN F.Series  
 24335036 MANUAL DRAIN F.Series

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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## MODEL: General Purpose Protection Filters - BSPT Connection



### Description

- Air quality to ISO 8573.1:2010 / Class 2 Solid particulate / Class 2 oil
- Particle removal down to 0,1 micron
- Including coalesced liquid, water and oil,
- Maximum remaining oil aerosol content of 0,03 mg/m3 @ 21°C
- Operating Limitations
  - Maximum operating pressure 17.2 bar (g)
  - Maximum operating temperature 80 C
  - Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE
- Standard filters include differential gauge and 1/4" M Automatic Drain

Model	Capacity 7 bar g m³/min	PORT CONN BSPT	Dimension		Weight Kg	Filter CPN	List price EUR	Filter Element CPN	List price EUR	Quantity Per Filter
			A mm	B mm						
FA30IG	0.48	3/8"	76	172	0.562	24356503	150 €	24356685	75 €	1
FA40IG	0.62	1/2"	76	172	0.547	24231870	180 €	24241846	90 €	1
FA75IG	1.27	3/4"	98	227	1.069	24231953	200 €	24241895	105 €	1
FA110IG	1.84	3/4"	98	227	1.091	24233124	270 €	24241952	115 €	1
FA150IG	2.49	1"	129	266	2.063	24232118	330 €	24242018	135 €	1
FA190IG	3.12	1"	129	266	2.063	24232191	370 €	24242083	145 €	1
FA230IG	3.82	1"	129	266	2.063	24232274	440 €	24242141	165 €	1
FA400IG	6.66	1 1/2"	129	356	2.361	24232365	590 €	24242208	230 €	1
FA490IG	8.21	1 1/2"	129	356	2.361	24232449	670 €	24242265	240 €	1
FA600IG	9.91	2"	170	465	5.196	24232522	750 €	24242307	260 €	1
FA800IG	13.31	2"	170	465	5.238	24232605	850 €	24242349	280 €	1
FA1000IG	16.99	2"	170	465	5.257	24232688	1,000 €	24242380	340 €	1
FA1200IG	20.11	3"	205	547	9.307	24232761	1,060 €	24242422	395 €	1
FA1560IG	26.05	3"	205	647	10.694	24232845	1,160 €	24242463	455 €	1
FA1830IG	30.59	3"	205	647	10.694	24232928	1,350 €	24242505	540 €	1
FA2300IG	38.23	3"	205	877	13.696	24233009	1,610 €	24242547	710 €	1
FA2700IG	45.31	3"	205	877	13.696	24233082	1,800 €	24242588	800 €	1

### Options and Parts

MODEL	O RING SET CPN	DIFFERENTIAL GAUGE(BSPT) CPN	CLAMP KIT CPN	BRACKET KIT CPN
F30I	24356701	24356750	24361917	24361966
F40I	24334930	24356750	24361917	24361966
F75I-F110I	24334955	24335044	24361925	24361974
F150I-F230I	24334963	24335044	24361933	24361982
F400I-490I	24334971	24335044	24361933	24361982
F600I-1000I	24334989	24335044	24361941	24361990
F1200I	24334997	24335044	24361958	24362006
F1560I-F1830I	24335002	24335044	24361958	24362006
F2300I-F2700I	24335010	24335044	24361958	24362006

24335028 AUTO DRAIN F.Series  
 24335036 MANUAL DRAIN F.Series

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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## MODEL: High Efficiency Filters - BSPT Connection



### Description

- Air quality to ISO 8573.1:2010 / Class 1 Solid particulate / Class 1 oil
- Particle removal down to 0.01 micron
- Including water and oil aerosols
- Maximum remaining oil aerosol content of 0,01 mg/m<sup>3</sup> @ 21°C
  - Límites de Funcionamiento
  - Máxima presión de operación 17.2 bar (g)
  - Máxima temperatura de operación 80 C
  - Mínima temperatura de operación 1 C
- Compliance with PED 97/23/EC and CE
- Standard filters include differential gauge and 1/4" M Automatic Drain

Model	Capacity 7 bar g m <sup>3</sup> /min	PORT CONN BSPT	Dimension		Weight Kg	Filter CPN	List price EUR	Filter Element CPN	List price EUR	Quantity Per Filter
			A mm	B mm						
FA30IH	0.48	3/8"	76	172	0.562	24356511	150 €	24356693	75 €	1
FA40IH	0.62	1/2"	76	172	0.547	24231896	180 €	24241853	90 €	1
FA75IH	1.27	3/4"	98	227	1.069	24231987	200 €	24241903	105 €	1
FA110IH	1.84	3/4"	98	227	1.091	24232050	270 €	24241960	115 €	1
FA150IH	2.49	1"	129	266	2.063	24232134	330 €	24242034	135 €	1
FA190IH	3.12	1"	129	266	2.063	24232217	370 €	24242091	145 €	1
FA230IH	3.82	1"	129	266	2.063	24232290	440 €	24242166	165 €	1
FA400IH	6.66	1 1/2"	129	356	2.361	24232381	590 €	24242224	230 €	1
FA490IH	8.21	1 1/2"	129	356	2.361	24232464	670 €	24242273	240 €	1
FA600IH	9.91	2"	170	465	5.196	24232548	750 €	24242315	260 €	1
FA800IH	13.31	2"	170	465	5.238	24232621	850 €	24242356	280 €	1
FA1000IH	16.99	2"	170	465	5.257	24232704	1,000 €	24242398	340 €	1
FA1200IH	20.11	3"	205	547	9.307	24232787	1,060 €	24242430	395 €	1
FA1560IH	26.05	3"	205	647	10.694	24232860	1,160 €	24242471	455 €	1
FA1830IH	30.59	3"	205	647	10.694	24232944	1,350 €	24242513	540 €	1
FA2300IH	38.23	3"	205	877	13.696	24233025	1,610 €	24242554	710 €	1
FA2700IH	45.31	3"	205	877	13.696	24233108	1,800 €	24242596	800 €	1

### Options and Parts

MODEL	O RING SET CPN	DIFFERENTIAL GAUGE(BSPT) CPN	CLAMP KIT CPN	BRACKET KIT CPN
F30I	24356701	24356750	24361917	24361966
F40I	24334930	24356750	24361917	24361966
F75I-F110I	24334955	24335044	24361925	24361974
F150I-F230I	24334963	24335044	24361933	24361982
F400I-490I	24334971	24335044	24361933	24361982
F600I-1000I	24334989	24335044	24361941	24361990
F1200I	24334997	24335044	24361958	24362006
F1560I-F1830I	24335002	24335044	24361958	24362006
F2300I-F2700I	24335010	24335044	24361958	24362006

24335028 AUTO DRAIN F.Series

24335036 MANUAL DRAIN F.Series

Note: Install as prefilter model equivalent model G before H  
 If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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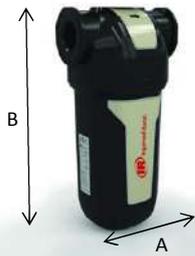
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## MODEL:cFilters - BSPT Connection



### Description

- Air quality to ISO 8573.1:2010 / Class 1 oil
- Oil vapor and hydrocarbon odor removal@ 21°C
- Maximum remaining oil content of <0.003 mg/m3
- (Precede with Grade H filter)
- Límites de Funcionamiento
  - Máxima presión de operación 17.2 bar (g)
  - Máxima temperatura de operación 30 C
  - Mínima temperatura de operación 1 C
- Cumplia - Cumplen con la directiva PED 97/23/EC and CE
- Standard filters include 1/2" F Manual Valve

Model	Capacity 7 bar g m³/min	PORT CONN BSPT	Dimension		Weight Kg	Filter CPN	List price EUR	Filter Element CPN	List price EUR	Quantity Per Filter
			A mm	B mm						
FA30IA	0.48	3/8"	76	172	0.562	24356487	150 €	24356669	75 €	1
FA40IA	0.62	1/2"	76	172	0.547	24231821	180 €	24241812	90 €	1
FA75IA	1.27	3/4"	98	227	1.069	24231912	200 €	24241861	105 €	1
FA110IA	1.84	3/4"	98	227	1.091	24232001	270 €	24241929	115 €	1
FA150IA	2.49	1"	129	266	2.063	24232076	330 €	24241986	135 €	1
FA190IA	3.12	1"	129	266	2.063	24232159	370 €	24242059	145 €	1
FA230IA	3.82	1"	129	266	2.063	24232233	440 €	24242117	165 €	1
FA400IA	6.66	1 1/2"	129	356	2.361	24232316	590 €	24242174	230 €	1
FA490IA	8.21	1 1/2"	129	356	2.361	24232407	670 €	24242240	240 €	1
FA600IA	9.91	2"	170	465	5.196	24232480	750 €	24242281	260 €	1
FA800IA	13.31	2"	170	465	5.238	24232563	850 €	24242323	280 €	1
FA1000IA	16.99	2"	170	465	5.257	24232647	1,000 €	24242364	340 €	1
FA1200IA	20.11	3"	205	547	9.307	24232720	1,060 €	24242406	395 €	1
FA1560IA	26.05	3"	205	647	10.694	24232803	1,160 €	24242448	455 €	1
FA1830IA	30.59	3"	205	647	10.694	24232886	1,350 €	24242489	540 €	1
FA2300IA	38.23	3"	205	877	13.696	24232969	1,610 €	24242521	710 €	1
FA2700IA	45.31	3"	205	877	13.696	24233041	1,800 €	24242562	800 €	1

### Options and Parts

MODEL	O RING SET CPN	DIFFERENTIAL GAUGE(BSPT) CPN	CLAMP KIT CPN	BRACKET KIT CPN
F30I	24356701	24356750	24361917	24361966
F40I	24334930	24356750	24361917	24361966
F75I-F110I	24334955	24335044	24361925	24361974
F150I-F230I	24334963	24335044	24361933	24361982
F400I-490I	24334971	24335044	24361933	24361982
F600I-1000I	24334989	24335044	24361941	24361990
F1200I	24334997	24335044	24361958	24362006
F1560I-F1830I	24335002	24335044	24361958	24362006
F2300I-F2700I	24335010	24335044	24361958	24362006

24335028 AUTO DRAIN F.Series  
 24335036 MANUAL DRAIN F.Series

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

### Notes:

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## MODEL: Dust Filters - Flanges Connection



### Description

- Air quality to ISO 8573.1:2010 / Class 3 Solid particulate
- Particle removal down to 1 micron

### Operating Limitations

- Maximum operating pressure 16 bar (g)
- Maximum operating temperature 80 C
- Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE

F0770I to F2100I

F2800I to F31000I

\*Note: F0770I to F2100I made of aluminium / F2800I to F31000I made of cast iron

Model	Capacity		FLANGE CONN	Filter CPN	List price EUR	Element Kit CPN	List price EUR		
	7 bar g m³/hr	100 psig m³/min							
<b>Flange Filters with Float Drain</b>									
F0770ID	770	12.8	455.6	DN 50	23447337	12.8	1,200 €	23447832	175 €
F1320ID	1,320	22.0	781.1	DN 65	23447378		1,410 €	23447881	260 €
F2100ID	2,100	35.0	1,242.6	DN 80	23447428		1,690 €	23447931	498 €
F2800ID	2,800	46.7	1,656.8	DN 100	23447469		2,750 €	23447972	715 €
F4200ID	4,200	70.0	2,485.2	DN 125	23447501		4,540 €	23448012	1,300 €
F5700ID	5,700	95.0	3,372.8	DN 150	23447543		6,290 €	23448053	1,328 €
F7500ID	7,500	125.0	4,437.9	DN 150	23447584		8,070 €	23448095	2,148 €
F9300ID	9,300	155.0	5,503.0	DN 157	23447626		9,750 €	23448137	2,635 €
F11000ID	11,000	183.3	6,508.9	DN 200	23447667		11,910 €	23448178	3,373 €
F14200ID	14,200	236.7	8,402.4	DN 200	23447709		16,230 €	23448210	4,326 €
F19900ID	19,900	331.7	11,775.1	DN 250	23447741		25,420 €	23448699	5,699 €
F31000ID	31,000	516.7	18,343.2	DN 300	23447782		45,570 €	23448731	8,969 €

<b>Flange Filters with Electronic No Loss Drain</b>									
F0770IDE	770	12.8	455.6	DN 40	23456098		1,320 €	23447832	175 €
F1320IDE	1,320	22.0	781.1	DN 50	23456130		1,550 €	23447881	260 €
F2100IDE	2,100	35.0	1,242.6	DN 80	23456171		1,840 €	23447931	498 €
F2800IDE	2,800	46.7	1,656.8	DN 100	23456213		2,940 €	23447972	715 €
F4200IDE	4,200	70.0	2,485.2	DN 125	23456254		4,940 €	23448012	1,300 €
F5700IDE	5,700	95.0	3,372.8	DN 150	23456296		6,560 €	23448053	1,328 €
F7500IDE	7,500	125.0	4,437.9	DN 150	23456338		8,330 €	23448095	2,148 €
F9300IDE	9,300	155.0	5,503.0	DN 157	23456379		10,010 €	23448137	2,635 €
F11000IDE	11,000	183.3	6,508.9	DN 200	23456411		12,130 €	23448178	3,373 €
F14200IDE	14,200	236.7	8,402.4	DN 200	23456452		16,400 €	23448210	4,326 €
F19900IDE	19,900	331.7	11,775.1	DN 250	23456494		25,490 €	23448699	5,699 €
F31000IDE	31,000	516.7	18,343.2	DN 300	23456536		45,580 €	23448731	8,969 €

Options Description	CPN	EUR	Description	CPN	EUR
KIT de Montaje para F0770I	23448764	279 €	Kit de acoplamiento para dos F0770I	23448889	73 €
KIT de Montaje para F1320I	23448772	320 €	Kit de acoplamiento para dos F1320I	23448897	83 €
KIT de Montaje para F2100I	23448780	351 €	Kit de acoplamiento para dos F2100I	23448905	98 €
KIT de Montaje para F2800I	23448798	752 €	Kit de acoplamiento para dos F2800I	23448913	119 €
KIT de Montaje para F4200I	23448806	1,381 €	Kit de acoplamiento para dos F4200I	23448921	165 €
KIT de Montaje para F5700I	23448814	1,700 €	Kit de acoplamiento para dos F5700I	23448939	248 €
KIT de Montaje para F7500I	23448822	1,700 €	Kit de acoplamiento para dos F7500I	23448947	258 €
KIT de Montaje para F9300I	23448830	1,803 €	Kit de acoplamiento para dos F9300I	23448954	288 €
KIT de Montaje para F11000I	23448848	2,534 €	Kit de acoplamiento para dos F11000I	23448962	382 €
KIT de Montaje para F14200I	23448855	2,648 €	Kit de acoplamiento para dos F14200I	23448970	1,041 €
KIT de Montaje para F19900I	23448863	3,708 €	Kit de acoplamiento para dos F19900I	23448988	1,267 €
KIT de Montaje para F31000I	23448871	5,408 €	Kit de acoplamiento para dos F31000I	23448996	1,339 €

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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## MODEL: General Purpose Protection Filters - Flanges Connection



### Description

- Air quality to ISO 8573.1:2010 / Class 2 Solid particulate / Class 2 oil
- Particle removal down to 0,1 micron
- Including coalesced liquid, water and oil,
- Maximum remaining oil aerosol content of 0,03 mg/m3 @ 21°C
- Maximum operating pressure 16 bar (g)
- Maximum operating temperature 80 C
- Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE

F0770I to F2100I F2800I to F31000I

\*Note: F0770I to F2100I made of aluminium / F2800I to F31000I made of cast iron

Model	Capacity		FLANGE CONN	Filter CPN	List price EUR	Element Kit CPN	List price EUR	
	7 bar g m³/hr	100 psig m³/min						
F0770IG	770	12.8	455.6	DN 50	23447345	1,200 €	23447840	175 €
F1320IG	1,320	22.0	781.1	DN 65	23447386	1,410 €	23447907	260 €
F2100IG	2,100	35.0	1,242.6	DN 80	23447436	1,690 €	23447949	485 €
F2800IG	2,800	46.7	1,656.8	DN 100	23447477	2,750 €	23447980	733 €
F4200IG	4,200	70.0	2,485.2	DN 125	23447519	4,540 €	23448020	1,300 €
F5700IG	5,700	95.0	3,372.8	DN 150	23447550	6,290 €	23448061	1,640 €
F7500IG	7,500	125.0	4,437.9	DN 150	23447592	8,070 €	23448103	2,214 €
F9300IG	9,300	155.0	5,503.0	DN 157	23447634	9,750 €	23448145	2,635 €
F11000IG	11,000	183.3	6,508.9	DN 200	23447675	11,910 €	23448186	3,373 €
F14200IG	14,200	236.7	8,402.4	DN 200	23447717	16,230 €	23448251	4,220 €
F19900IG	19,900	331.7	11,775.1	DN 250	23447758	25,420 €	23448707	5,699 €
F31000IG	31,000	516.7	18,343.2	DN 300	23447790	45,570 €	23448749	8,708 €

### Flange Filters with Electronic No Loss Drain

F0770IGE	770	12.8	455.6	DN 40	23456106	1,320 €	23447840	175 €
F1320IGE	1,320	22.0	781.1	DN 50	23456148	1,550 €	23447907	260 €
F2100IGE	2,100	35.0	1,242.6	DN 80	23456189	1,840 €	23447949	485 €
F2800IGE	2,800	46.7	1,656.8	DN 100	23456221	2,940 €	23447980	733 €
F4200IGE	4,200	70.0	2,485.2	DN 125	23456262	4,940 €	23448020	1,300 €
F5700IGE	5,700	95.0	3,372.8	DN 150	23456304	6,560 €	23448061	1,640 €
F7500IGE	7,500	125.0	4,437.9	DN 150	23456346	8,330 €	23448103	2,214 €
F9300IGE	9,300	155.0	5,503.0	DN 157	23456387	10,010 €	23448145	2,635 €
F11000IGE	11,000	183.3	6,508.9	DN 200	23456429	12,130 €	23448186	3,373 €
F14200IGE	14,200	236.7	8,402.4	DN 200	23456460	16,400 €	23448251	4,220 €
F19900IGE	19,900	331.7	11,775.1	DN 250	23456502	25,490 €	23448707	5,699 €
F31000IGE	31,000	516.7	18,343.2	DN 300	23456544	45,580 €	23448749	8,708 €

Options	Description	CPN	EUR	Description	CPN	EUR
KIT de Montaje para F0770I	23448764	279 €	Kit de acoplamiento para dos F0770I	23448889	73 €	
KIT de Montaje para F1320I	23448772	320 €	Kit de acoplamiento para dos F1320I	23448897	83 €	
KIT de Montaje para F2100I	23448780	351 €	Kit de acoplamiento para dos F2100I	23448905	98 €	
KIT de Montaje para F2800I	23448798	752 €	Kit de acoplamiento para dos F2800I	23448913	119 €	
KIT de Montaje para F4200I	23448806	1,381 €	Kit de acoplamiento para dos F4200I	23448921	165 €	
KIT de Montaje para F5700I	23448814	1,700 €	Kit de acoplamiento para dos F5700I	23448939	248 €	
KIT de Montaje para F7500I	23448822	1,700 €	Kit de acoplamiento para dos F7500I	23448947	258 €	
KIT de Montaje para F9300I	23448830	1,803 €	Kit de acoplamiento para dos F9300I	23448954	288 €	
KIT de Montaje para F11000I	23448848	2,534 €	Kit de acoplamiento para dos F11000I	23448962	382 €	
KIT de Montaje para F14200I	23448855	2,648 €	Kit de acoplamiento para dos F14200I	23448970	1,041 €	
KIT de Montaje para F19900I	23448863	3,708 €	Kit de acoplamiento para dos F19900I	23448988	1,267 €	
KIT de Montaje para F31000I	23448871	5,408 €	Kit de acoplamiento para dos F31000I	23448996	1,339 €	

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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## MODEL: High Efficiency Filters - Flanges Connection



### Description

- Air quality to ISO 8573.1:2010 / Class 1 Solid particulate / Class 1 oil
- Particle removal down to 0.01 micron
- Including water and oil aerosols
- Maximum remaining oil aerosol content of 0,01 mg/m3 @ 21°C
- Maximum operating pressure 16 bar (g)
- Maximum operating temperature 80 C
- Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE

Note: Install as prefilter model equivalent model G before H

F0770I to F2100I F2800I to F31000I

\*Note: F0770I to F2100I made of aluminium / F2800I to F31000I made of cast iron

Model	Caudal		100 psig ft <sup>3</sup> /min	FLANGE CONN	Filter CPN	List price EUR	Element Kit CPN	List price EUR
	7 bar g m <sup>3</sup> /hr	m <sup>3</sup> /min						
<b>Flange Filters with Float Drain</b>								
F0770IH	770	12.8	455.6	DN 50	23447352	1,200 €	23447857	175 €
F1320IH	1,320	22.0	781.1	DN 65	23447402	1,410 €	23447915	260 €
F2100IH	2,100	35.0	1,242.6	DN 80	23447444	1,690 €	23447956	485 €
F2800IH	2,800	46.7	1,656.8	DN 100	23447485	2,750 €	23447998	733 €
F4200IH	4,200	70.0	2,485.2	DN 125	23447527	4,540 €	23448038	1,300 €
F5700IH	5,700	95.0	3,372.8	DN 150	23447568	6,290 €	23448079	1,681 €
F7500IH	7,500	125.0	4,437.9	DN 150	23447609	8,070 €	23448111	2,160 €
F9300IH	9,300	155.0	5,503.0	DN 157	23447642	9,750 €	23448152	2,635 €
F11000IH	11,000	183.3	6,508.9	DN 200	23447683	11,910 €	23448194	3,373 €
F14200IH	14,200	236.7	8,402.4	DN 200	23447725	16,230 €	23448673	4,326 €
F19900IH	19,900	331.7	11,775.1	DN 250	23447766	25,420 €	23448715	5,699 €
F31000IH	31,000	516.7	18,343.2	DN 300	23447808	45,570 €	23448756	8,969 €

<b>Flange Filters with Electronic No Loss Drain</b>								
F0770IHE	770	12.8	455.6	DN 40	23456114	1,320 €	23447857	175 €
F1320IHE	1,320	22.0	781.1	DN 50	23456155	1,550 €	23447915	260 €
F2100IHE	2,100	35.0	1,242.6	DN 80	23456197	1,840 €	23447956	485 €
F2800IHE	2,800	46.7	1,656.8	DN 100	23456239	2,940 €	23447998	733 €
F4200IHE	4,200	70.0	2,485.2	DN 125	23456270	4,940 €	23448038	1,300 €
F5700IHE	5,700	95.0	3,372.8	DN 150	23456312	6,560 €	23448079	1,681 €
F7500IHE	7,500	125.0	4,437.9	DN 150	23456353	8,330 €	23448111	2,160 €
F9300IHE	9,300	155.0	5,503.0	DN 157	23456395	10,010 €	23448152	2,635 €
F11000IHE	11,000	183.3	6,508.9	DN 200	23456437	12,130 €	23448194	3,373 €
F14200IHE	14,200	236.7	8,402.4	DN 200	23456478	16,400 €	23448673	4,326 €
F19900IHE	19,900	331.7	11,775.1	DN 250	23456510	25,490 €	23448715	5,699 €
F31000IHE	31,000	516.7	18,343.2	DN 300	23456551	45,580 €	23448756	8,969 €

Options	Description	CPN	EUR	Description	CPN	EUR
	KIT de Montaje para F0770I	23448764	279 €	Kit de acoplamiento para dos F0770I	23448889	73 €
	KIT de Montaje para F1320I	23448772	320 €	Kit de acoplamiento para dos F1320I	23448897	83 €
	KIT de Montaje para F2100I	23448780	351 €	Kit de acoplamiento para dos F2100I	23448905	98 €
	KIT de Montaje para F2800I	23448798	752 €	Kit de acoplamiento para dos F2800I	23448913	119 €
	KIT de Montaje para F4200I	23448806	1,381 €	Kit de acoplamiento para dos F4200I	23448921	165 €
	KIT de Montaje para F5700I	23448814	1,700 €	Kit de acoplamiento para dos F5700I	23448939	248 €
	KIT de Montaje para F7500I	23448822	1,700 €	Kit de acoplamiento para dos F7500I	23448947	258 €
	KIT de Montaje para F9300I	23448830	1,803 €	Kit de acoplamiento para dos F9300I	23448954	288 €
	KIT de Montaje para F11000I	23448848	2,534 €	Kit de acoplamiento para dos F11000I	23448962	382 €
	KIT de Montaje para F14200I	23448855	2,648 €	Kit de acoplamiento para dos F14200I	23448970	1,041 €
	KIT de Montaje para F19900I	23448863	3,708 €	Kit de acoplamiento para dos F19900I	23448988	1,267 €
	KIT de Montaje para F31000I	23448871	5,408 €	Kit de acoplamiento para dos F31000I	23448996	1,339 €

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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## MODEL: Activated Carbon Filters - Flanges Connection



\*0770I to F2100I

F2800I to F31000I

### Description

- Air quality to ISO 8573.1:2010 / Class 1 oil (with G and H prefiltration)
- Oil vapour and odour removal
- Maximum remaining oil vapour content <0.003 mg/m<sup>3</sup> content @ 21 C
- Operating Limitations
  - Maximum operating pressure 16 bar (g)
  - Maximum operating temperature 30 C
  - Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE

\*Note: F0770I to F2100I made of aluminium / F2800I to F31000I made of cast iron

Model	Caudal		100 psig ft <sup>3</sup> /min	FLANGE CONN	Filter CPN	List price EUR	Element Kit CPN	List price EUR
	7 bar g m <sup>3</sup> /hr	m <sup>3</sup> /min						
<b>Flange Filters with Float Drain</b>								
F0770IA	770	12.8	455.6	DN 50	23447360	1,200 €	23447824	180 €
F1320IA	1,320	22.0	781.1	DN 65	23447410	1,410 €	23447865	267 €
F2100IA	2,100	35.0	1,242.6	DN 80	23447451	1,690 €	23447923	498 €
F2800IA	2,800	46.7	1,656.8	DN 100	23447493	2,750 €	23447964	733 €
F4200IA	4,200	70.0	2,485.2	DN 125	23447535	4,540 €	23448004	1,333 €
F5700IA	5,700	95.0	3,372.8	DN 150	23447576	6,290 €	23448046	1,681 €
F7500IA	7,500	125.0	4,437.9	DN 150	23447618	8,070 €	23448087	2,214 €
F9300IA	9,300	155.0	5,503.0	DN 157	23447659	9,750 €	23448129	2,635 €
F11000IA	11,000	183.3	6,508.9	DN 200	23447691	11,910 €	23448160	3,373 €
F14200IA	14,200	236.7	8,402.4	DN 200	23447733	16,230 €	23448202	4,326 €
F19900IA	19,900	331.7	11,775.1	DN 250	23447774	25,420 €	23448681	5,699 €
F31000IA	31,000	516.7	18,343.2	DN 300	23447816	45,570 €	23448723	8,969 €
<b>Flange Filters with Electronic No Loss Drain</b>								
F0770IAE	770	12.8	455.6	DN 40	23456122	1,320 €	23447824	180 €
F1320IAE	1,320	22.0	781.1	DN 50	23456163	1,550 €	23447865	267 €
F2100IAE	2,100	35.0	1,242.6	DN 80	23456205	1,840 €	23447923	498 €
F2800IAE	2,800	46.7	1,656.8	DN 100	23456247	2,940 €	23447964	733 €
F4200IAE	4,200	70.0	2,485.2	DN 125	23456288	4,940 €	23448004	1,333 €
F5700IAE	5,700	95.0	3,372.8	DN 150	23456320	6,560 €	23448046	1,681 €
F7500IAE	7,500	125.0	4,437.9	DN 150	23456361	8,330 €	23448087	2,214 €
F9300IAE	9,300	155.0	5,503.0	DN 157	23456403	10,010 €	23448129	2,635 €
F11000IAE	11,000	183.3	6,508.9	DN 200	23456445	12,130 €	23448160	3,373 €
F14200IAE	14,200	236.7	8,402.4	DN 200	23456486	16,400 €	23448202	4,326 €
F19900IAE	19,900	331.7	11,775.1	DN 250	23456528	25,490 €	23448681	5,699 €
F31000IAE	31,000	516.7	18,343.2	DN 300	23456569	45,580 €	23448723	8,969 €

Options	Description	CPN	EUR	Description	CPN	EUR
	KIT de Montaje para F0770I	23448764	279 €	Kit de acoplamiento para dos F0770I	23448889	73 €
	KIT de Montaje para F1320I	23448772	320 €	Kit de acoplamiento para dos F1320I	23448897	83 €
	KIT de Montaje para F2100I	23448780	351 €	Kit de acoplamiento para dos F2100I	23448905	98 €
	KIT de Montaje para F2800I	23448798	752 €	Kit de acoplamiento para dos F2800I	23448913	119 €
	KIT de Montaje para F4200I	23448806	1,381 €	Kit de acoplamiento para dos F4200I	23448921	165 €
	KIT de Montaje para F5700I	23448814	1,700 €	Kit de acoplamiento para dos F5700I	23448939	248 €
	KIT de Montaje para F7500I	23448822	1,700 €	Kit de acoplamiento para dos F7500I	23448947	258 €
	KIT de Montaje para F9300I	23448830	1,803 €	Kit de acoplamiento para dos F9300I	23448954	288 €
	KIT de Montaje para F11000I	23448848	2,534 €	Kit de acoplamiento para dos F11000I	23448962	382 €
	KIT de Montaje para F14200I	23448855	2,648 €	Kit de acoplamiento para dos F14200I	23448970	1,041 €
	KIT de Montaje para F19900I	23448863	3,708 €	Kit de acoplamiento para dos F19900I	23448988	1,267 €
	KIT de Montaje para F31000I	23448871	5,408 €	Kit de acoplamiento para dos F31000I	23448996	1,339 €

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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**MODEL: Heavy Duty High Pressue and High Temperature - Grades A\*, D, G, H - High Pressure - BSPT**



High Pressure

High Temperature

**High Pressure Operating Limitations**

- Maximum operating pressure 40 barg
- Maximum operating temperature 80 C\*
- Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE
- \* 30 C for A filters

**High Temperature Operating Limitations**

- Maximum operating pressure 16 bar (g)
- Maximum operating temperature 150 C
- Intermittent Operation Temperature\* 200 C
- \* 10% of working time

- Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE

**Element Type Description**

**Grade A - Activated Carbon (only with High Pressure)**

- Air quality to ISO 8573.1:2010 / Class 1 oil (with G and H prefiltration)
- Oil vapour and odour removal
- Max. remaining oil vapour content <0.003 mg/m<sup>3</sup> content @ 21 C

**Grade D - Dust Filtration**

- Air quality to ISO 8573.1:2010 / Class 3 Solid particulate
- Particle removal down to 1 micron

**Grade G - General Purpose**

- Air quality to ISO 8573.1:2010 / Class 2 Solid particulate / Class 2 oil
- Particle removal down to 0.1 micron
- Max. remaining oil aerosol content 0.03 mg/m<sup>3</sup> content @ 21 C

**Grade H - High Efficiency**

- Air quality to ISO 8573.1:2010 / Class 1 Solid particulate / Class 1 oil\*
- Particle removal down to 0.01 micron
- Max. remaining oil aerosol content 0.01 mg/m<sup>3</sup> content @ 21 C

\* with G prefiltration

Model	Capacity					PORT CONN BSPT	Filter CPN				List Price EUR
	7 bar g		40 bar g		100 psig		Grade A	Grade D	Grade G	Grade H	
	m <sup>3</sup> /h	m <sup>3</sup> /min	m <sup>3</sup> /h	m <sup>3</sup> /min	ft <sup>3</sup> /min						
<b>High Pressure Filters</b>											
F0150I(grad) HDP	150	2.50	750	12.50	88	1"	23535255	23535263	23535271	23535289	370 €
F0300I(grad) HDP	300	5.00	1500	25.00	177	1"	23535297	23535305	23535313	23535321	550 €
F0500I(grad) HDP	500	8.33	2500	41.67	294	1 1/2"	23535339	23535347	23535354	23535362	770 €
F0800I(grad) HDP	800	13.33	4000	66.67	471	2"	23535370	23535388	23535396	23535404	920 €
F1000I(grad) HDP	1,000	16.67	5000	83.33	589	2"	23535412	23535420	23535438	23535446	1,070 €
F1300I(grad) HDP	1,300	21.67	6500	108.33	765	2 1/2"	23535453	23535461	23535479	23535487	1,170 €
F2000I(grad) HDP	2,000	33.33	10000	166.67	1177	3"	23535495	23535503	23535511	23535529	1,620 €
F2700I(grad) HDP	2,700	45.00	13500	225.00	1589	3"	23535537	23535545	23535552	23535560	1,970 €
<b>High Temperature Filters</b>											
F024I(grad) HDT	24	0.40	-	-	14	3/8"	-	23669849	23669823	23669831	160 €
F048I(grad) HDT	48	0.80	-	-	28	1/2"	-	23669880	23669864	23669872	210 €
F096I(grad) HDT	96	1.60	-	-	57	3/4"	-	23669922	23669906	23669914	290 €
F0150I(grad) HDT	150	2.50	-	-	88	1"	-	23534704	23534688	23534696	400 €
F0300I(grad) HDT	300	5.00	-	-	177	1"	-	23534738	23534712	23534720	560 €
F0500I(grad) HDT	500	8.33	-	-	294	1 1/2"	-	23534753	23534746	23534761	740 €
F0800I(grad) HDT	800	13.33	-	-	471	2"	-	23534795	23534779	23534787	910 €
F1000I(grad) HDT	1,000	16.67	-	-	589	2"	-	23534829	23534803	23534811	1,050 €
F1300I(grad) HDT	1,300	21.67	-	-	765	2 1/2"	-	23534852	23534837	23534845	1,200 €
F2000I(grad) HDT	2,000	33.33	-	-	1177	3	-	23534886	23534860	23534878	1,590 €
F2700I(grad) HDT	2,700	45.00	-	-	1589	3	-	23534910	23534894	23534902	1,940 €

Filter Model	Filter Element CPN (1 Element per BSPT Filter)				List Price EUR
	Grade A*	Grade D	Grade G	Grade H	
<b>High Pressure and High Temperature Filter Elements</b>					
F024I(grad) HDP/HDT	23669989	23669971	23669955	23669963	60 €
F048I(grad) HDP/HDT	23670029	23670011	23669997	23670003	80 €
F096I(grad) HDP/HDT	23670060	23670052	23670037	23670045	120 €
F0150I(grad) HDP/HDT	23509003	23509011	23509029	23509037	139 €
F0300I(grad) HDP/HDT	23509045	23509052	23509060	23509078	205 €
F0500I(grad) HDP/HDT	23509086	23509094	23509102	23509110	241 €
F0800I(grad) HDP/HDT	23509128	23509136	23509144	23509151	298 €
F1000I(grad) HDP/HDT	23509169	23509177	23509185	23509193	349 €
F1300I(grad) HDP/HDT	23509201	23509219	23509227	23509235	426 €
F2000I(grad) HDP/HDT	23509243	23509250	23509268	23509276	518 €
F2700I(grad) HDP/HDT	23509284	23509292	23509300	23509318	595 €

\* Elementos Filtro de Grado A disponibles para Filtros Alta Presión (HDP)

Options (For High Pressure and High Temperature Cast Aluminium Models)				EUR
CPN	DESCRIPTION	Where used	List Price	
23535586	Set de Acoplamiento para (2) filtros	F0150-300I	€ 52	
23535594	Set de Acoplamiento para (2) filtros	F0500I	€ 103	
23535602	Set de Acoplamiento para (2) filtros	F0800-1000I	€ 191	
23535610	Set de Acoplamiento para (2) filtros	F1300I	€ 258	
23535628	Set de Acoplamiento para (2) filtros	F2000-2700I	€ 392	

If Options are selected the Standard CPN should not be used

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**MODEL: Heavy Duty High Temperature Filtration - Grades D, G, H - Flanged**



**High Temperature Operating Limitations**

- Maximum operating pressure 16 bar (g)
- Maximum operating temperature **150 C**
- Intermittent Operation Temperature\* 200 C  
 \* 10% of working time
- Minimum operating temperature 1 C
- Compliance with PED 97/23/EC and CE

**Element Type Descriptions**

- Grade D - Dust Filters**
  - Air quality to ISO 8573.1:2010
  - Class 3 Solid particulate
  - Particle removal down to 1 micron
- Grade G - General Purpose**
  - Air quality to ISO 8573.1:2010 /
  - Class 2 Solid particulate / Class 2 oil
  - Particle removal down to 0.1 micron
  - Maximum remaining oil aerosol content 0.03 mg/m3 content @ 21 C
- Grade H - High Efficiency**
  - Air quality to ISO 8573.1:2010
  - Class 1 Solid particulate / Class 1 oil (with G prefiltration)
  - Particle removal down to 0.01 micron
  - Maximum remaining oil aerosol content 0.01 mg/m3 content @ 21 C

Model Grades (D, G, H)	Capacity			PORT CONN BSPT	Filter CPN			Filter List Price EUR
	7 bar g m³/hr	100 psig m³/min	100 psig ft³/min		Grade D	Grade G	Grade H	
F2800I (grade) HDT	2,800	46.67	1648	DN 100	23534951	23534928	23534936	2,940 €
F4200I (grade) HDT	4,200	70.00	2472	DN 125	23534985	23534969	23534977	4,680 €
F5700I (grade) HDT	5,700	95.00	3355	DN 150	23535016	23534993	23535008	6,490 €
F7500I (grade) HDT	7,500	125.00	4415	DN 150	23535040	23535024	23535032	8,310 €
F9300I (grade) HDT	9,300	155.00	5475	DN 150	23535073	23535057	23535065	10,060 €
F11000I (grade) HDT	11,000	183.33	6475	DN 200	23535107	23535792	23535099	12,280 €
F14200I (grade) HDT	14,200	236.67	8359	DN 200	23535131	23535115	23535123	16,710 €
F19900I (grade) HDT	19,900	331.67	11714	DN 250	23535164	23535149	23535156	26,180 €
F31000I (grade) HDT	31,000	516.67	18249	DN 300	23535198	23535172	23535180	46,020 €

Model Grades (D, G, H)	Filter Element CPN			Element List Price EUR	Quantity Per Filter
	Grade D	Grade G	Grade H		
F2800I (grade) HDT	23509334	23509342	23509359	810 €	1
F4200I (grade) HDT	23509375	23509383	23509391	1,476 €	2
F5700I (grade) HDT	23509417	23509425	23509433	1,784 €	2
F7500I (grade) HDT	23509458	23509466	23509474	2,425 €	3
F9300I (grade) HDT	23509490	23509508	23509516	2,845 €	2
F11000I (grade) HDT	23509532	23509540	23509557	3,690 €	4
F14200I (grade) HDT	23509573	23509581	23509599	4,746 €	6
F19900I (grade) HDT	23509615	23509623	23509631	6,202 €	8
F31000I (grade) HDT	23509656	23509664	23509672	9,922 €	11

**Options**

CPN	DESCRIPTION	Where used	List Price
23534654	Additional Flange SET	F2800I	412 €
23534662	Additional Flange SET	F4200I	649 €
23534670	Additional Flange SET	F5700I	824 €
23535081	Additional Flange SET	F7500I	866 €
23535214	Additional Flange SET	F9300I	891 €
23535222	Additional Flange SET	F11000I	1,381 €
23535230	Additional Flange SET	F14200I	1,700 €
23535248	Additional Flange SET	F19900I	2,117 €
23535578	Additional Flange SET	F31000I	2,915 €
23535636	Coupling SET for (2) filters	F2800I	119 €
23535644	Coupling SET for (2) filters	F4200I	165 €
23535651	Coupling SET for (2) filters	F5700I	248 €
23535669	Coupling SET for (2) filters	F7500I	258 €
23535677	Coupling SET for (2) filters	F9300I	299 €
23535685	Coupling SET for (2) filters	F11000I	382 €
23535693	Coupling SET for (2) filters	F14200I	1,041 €
23535701	Coupling SET for (2) filters	F19900I	1,267 €
23535719	Coupling SET for (2) filters	F31000I	1,391 €

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**MODEL: Water Separator**



**Description**

Model WS30 to WS2700 are made of cast aluminum with BSPT connection  
 Models WS2400 to WS12000 are made of cast iron with flange connection

**- Operating Limitations**

- Maximum operating pressure 16 bar (g)
- Maximum operating temperature 100 C
- Minimum operating temperature 1 C
- Compliance with PED and CE

Model	Capacity			PORT CONN BSPT	Dimensions		CPN	List Price EUR
	7 bar g m³/hr	100 psig m³/min	100 psig ft³/min		Height mm	Weight kg		
<b>Cast Aluminum - BSPT Connection - Manual Drain</b>								
WS30	30	0.50	18	3/8"	220	0.6	23720501	70 €
WS60	60	1.00	35	1/2"	220	0.6	23720519	90 €
WS180	180	3.00	106	3/4"	280	0.7	23720527	100 €
WS300	300	5.00	177	1"	305	1.1	23720535	120 €
WS570	570	9.50	336	1 1/2"	385	1.3	23720543	130 €
WS990	990	16.50	583	2"	500	3.6	23720550	300 €
WS1320	1,320	22.00	777	2 1/2"	675	4.7	23720568	320 €
WS2700	2,700	45.00	1590	3"	710	6.2	23720576	700 €
<b>Cast Iron - Flange - Manual Drain</b>								
WS2400	2,400	40.00	1410	DN 100	715	40	23720584	1,660 €
WS3000	3,000	50.00	1765	DN 125	725	54	23720592	1,880 €
WS6600	6,600	110.00	3885	DN 150	780	80	23720600	2,570 €
WS7500	7,500	125.00	4415	DN 175	800	116	23720618	3,210 €
WS12000	12,000	200.00	7060	DN 200	885	156	23720626	3,960 €
<b>Cast Aluminum - BSPT Connection - Internal automatic float drain</b>								
WS30	30	0.50	18	3/8"	220	0.6	23768880	103 €
WS60	60	1.00	35	1/2"	220	0.6	23768898	103 €
WS180	180	3.00	106	3/4"	280	0.7	23768906	114 €
WS300	300	5.00	177	1"	305	1.1	23768914	134 €
WS570	570	9.50	336	1 1/2"	385	1.3	23768922	155 €
WS990	990	16.50	583	2"	500	3.6	23768930	315 €
WS1320	1,320	22.00	777	2 1/2"	675	4.7	23768948	335 €
WS2700	2,700	45.00	1590	3"	710	6.2	23768955	716 €
<b>Cast Iron - Flange - External automatic float drain</b>								
WS2400	2,400	40.00	1410	DN 100	715	40	23768963	1,741 €
WS3000	3,000	50.00	1765	DN 125	725	54	23768971	1,916 €
WS6600	6,600	110.00	3885	DN 150	780	80	23768989	2,627 €
WS7500	7,500	125.00	4415	DN 175	800	116	23768997	3,399 €
WS12000	12,000	200.00	7060	DN 200	885	156	23769003	4,090 €
<b>Cast Aluminum - BSPT Connection - Electronic no loss drain</b>								
WS30	30	0.50	18	3/8"	220	0.6	23826639	196 €
WS60	60	1.00	35	1/2"	220	0.6	23826647	227 €
WS180	180	3.00	106	3/4"	280	0.7	23826654	268 €
WS300	300	5.00	177	1"	305	1.1	23826662	278 €
WS570	570	9.50	336	1 1/2"	385	1.3	23826670	361 €
WS990	990	16.50	583	2"	500	3.6	23826688	392 €
WS1320	1,320	22.00	777	2 1/2"	675	4.7	23826696	454 €
WS2700	2,700	45.00	1590	3"	710	6.2	23826704	794 €
<b>Cast Iron - Flange - Electronic no loss drain</b>								
WS2400	2,400	40.00	1410	DN 100	715	40	23826712	1,679 €
WS3000	3,000	50.00	1765	DN 125	725	54	23826720	2,163 €
WS6600	6,600	110.00	3885	DN 150	780	80	23826738	2,627 €
WS7500	7,500	125.00	4415	DN 175	800	116	23826746	3,399 €
WS12000	12,000	200.00	7060	DN 200	885	156	23826753	4,120 €

**Elements for Water Separators**

CPN	Descripción	EUR
23768872	Filter element for WS30 & WS60	36 €
23768864	Filter element for WS180	47 €
23762776	Filter element for WS300 & WS570	57 €
23762784	Filter element for WS990 & WS1320	83 €
23762792	Filter element for WS2700	113 €

Errors & Omissions Excepted

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## MODEL: PSG PolySep Oil/Water Separators



### Description

- Maximum lubricant discharge: down to 15 mg/l or even less based on environment & change intervals
- Can handle multiple unit compressor installations
- Works on mineral oils, PAOs (Polyalphaolefins), Poly Olesters, Diesters & Esters, most synthetics and POLYGLYCOLS (Ultracoolant)

### Operating Limitations

- Maximum operating pressure 17 bar (g)
- Maximum operating temperature 48 C
- Minimum operating temperature 2 C

Model	CONNECTION		Maximum Water Volume (L)	Maximum Absorbed Lubricant (kg)	PolySep CPN	List price EUR	Replacement Module CPN	List price per Module EUR	Quantity of Modules per PolySep
	Inlet NPT (mm)	Outlet NPT (mm)							
PSG-7	13	13	4	1	38456992	371	38457008	€ 67	1
PSG-15	13	19	57	5	38339040	824	38339057	€ 170	1
PSG-30	13	19	114	10	38465605	1545	38465712	€ 557	1
PSG-60	13	19	227	20	38465621	2081	38465761	€ 845	1
PSG-90	13	19	341	29	38465639	2678	38469052	€ 1,473	1
PSGK-120*	13	19	454	39	38465647	4738	38465761	€ 845	2
PSGK-180*	13	19	681	58	38465654	6283	38469052	€ 1,473	2

Prefilter is built in; ratings are based on 4 ppm oil carryover; filter life based on 4,000 operating hours per year, one filter change.

\* PSGK PolySeps are kits made of 2 off PSG60 (PSGK-120) and 2 off PSG90 (PSGK-180) and a flow divider.

### SIZING\*\*

IR Model	Climate	Compressor Capacity (CFM)						
		Screw Compressors					Reciprocating Compressors	
		Oil	Synthetic oil	Polyglycol	PAO	Ester	Turbine Oil	Diester
PS-7	15°C, 60% RH	60	60	60	60	60	60	60
	27°C, 60% RH	60	60	60	60	60	60	60
	32°C, 70% RH	60	60	60	60	60	60	60
PSG-15	15°C, 60% RH	850	640	175	850	640	425	361
	27°C, 60% RH	450	340	175	450	340	225	191
	32°C, 70% RH	290	215	175	290	215	145	123
PSG-30	15°C, 60% RH	1,700	1,275	390	1,700	1,275	850	723
	27°C, 60% RH	900	685	390	900	685	450	383
	32°C, 70% RH	575	430	390	575	430	288	244
PSG-60	15°C, 60% RH	3,400	2,550	750	3,400	2,550	1,700	1,445
	27°C, 60% RH	1,800	1,370	750	1,800	1,370	900	765
	32°C, 70% RH	1,150	860	750	1,150	860	575	489
PSG-90	15°C, 60% RH	5,100	3,825	950	5,100	3,825	2,550	2,168
	27°C, 60% RH	2,700	2,050	950	2,700	2,050	1,350	1,148
	32°C, 70% RH	1,725	1,300	950	1,725	1,300	863	733
PSGK-120	15°C, 60% RH	6,800	5,100	1,500	6,800	5,100	3,400	2,890
	27°C, 60% RH	3,600	2,740	1,500	3,600	2,740	1,800	1,530
	32°C, 70% RH	2,300	1,725	1,500	2,300	1,725	1,150	978
PSGK-180	15°C, 60% RH	10,200	7,650	1,900	10,200	7,650	5,100	4,335
	27°C, 60% RH	5,400	4,100	1,900	5,400	4,100	2,700	2,296
	32°C, 70% RH	3,450	2,600	1,900	3,450	2,600	1,726	1,466

Errors & Omissions Excepted

\*\* The flow capacity will depend on the type of compressor and associated lubricant used as well as the working conditions. Please refer to the operating manual or simply use the sizing tool for other compressor/lubricant flow capacities .

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## MODEL: Electric Air cooled Aftercoolers (ABC-6 to ABC-750)



### Description

- Air cooled / Electric fan motor / Copper tubes aluminium fins
- High efficiency water separator with threaded connection / Automatic float drain / Support legs / Mounted thermometer (ABC180-ABC750)
- 50 Hz and 60 Hz models available for all models
- Electrical protection: IP44 (ABC6 to ABC12 and ABC25A to ABC35A) / IP54 (ABC25 to ABC360) / IP55 (ABC400 to ABC750)
- Operating Limitations:  
Ambient : Min 2°C

Air inlet temperature : Max 200° C

Model	Capacity m <sup>3</sup> /min	Max Op Pressure bar g	Conn ections	Dimensions			Weight kg	CPN	List Price EUR
				Length mm	Width mm	Height mm			
ABC-6	0.6	0.5 - 16	BSP 3/4"	475	216	794	14	92442219	540 €
ABC-12	1.2	0.5 - 16	BSP 3/4"	545	277	895	17	92442227	680 €
ABC-25A	2.5	0.5 - 16	BSP 1 1/2"	715	303	1140	31	92442235	1,120 €
ABC-25	2.5	0.5 - 16	BSP 1 1/2"	715	403	1140	31	92442243	1,540 €
ABC-35A	3.5	0.5 - 16	BSP 1 1/2"	715	303	1140	37	92442250	1,190 €
ABC-35	3.5	0.5 - 16	BSP 1 1/2"	715	403	1140	37	92442268	1,600 €
ABC-60	6.0	0.5 - 16	BSP 1 1/2"	855	453	1315	58	92442276	1,930 €
ABC-90	9.0	0.5 - 16	BSP 2"	1173	480	1315	70	92442284	2,740 €
ABC-140	14.0	0.5 - 16	BSP 2"	1273	530	1551	106	92442292	4,190 €
ABC-180	18.0	0.5 - 16	DN80	1704	590	1869	146	92442300	6,180 €
ABC-280	28.0	0.5 - 16	DN80	2054	628	1906	181	92442318	9,580 €
ABC-380	38.0	0.5 - 16	DN100	2263	590	1975	211	92442326	11,510 €
ABC-480	48.0	0.5 - 16	DN150	3650	677	2239	391	92442342	17,880 €
ABC-640	64.0	0.5 - 16	DN150	3650	677	2239	429	92442359	19,390 €
ABC-750	75.0	0.5 - 16	DN150	3650	677	2239	476	92442367	21,070 €

### Performance based on:

Ambient Pressure equal to 1 bar a	Air Inlet Pressure equal to 7 bar g
Ambient Temperature equal to 25°C	Air Inlet Temperature equal to 120°C
Ambient relative humidity equal to 60%	Outlet air temperature approximately 10°C above ambient

Options	EUR
Low noise option for models ABC-90 to ABC-750	On request
Low pressure drop option for model ABC-380 to ABC-750	On request
Oil Free application	On request

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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## MODEL: Pneumatic Air cooled Aftercoolers (ABC-35P to ABC-750P)



### Description

- Air cooled / Pneumatic motor drive / Copper tubes aluminium fins
- High efficiency water separator with threaded connection / Automatic float drain / Support legs / Mounted thermometer (ABC180-ABC750)
- 50 Hz and 60 Hz models available for all models
- Electrical protection: IP44 (ABC6 to ABC12 and ABC25A to ABC35A) / IP54 (ABC25 to ABC360) / IP55 (ABC400 to ABC750)
- Operating Limitations:  
Ambient : Min 2°C

Air inlet temperature : Max 200° C

Model	Capacity m³/min	Max Op Pressure bar g	Conn de aire	Dimensions			Weight kg	CPN	List Price EUR
				Length mm	Width mm	Height mm			
ABC-35P	3.5	5 - 16	BSP 1 1/2"	715	331	1142	37	92443571	2,830 €
ABC-60P	6.0	5 - 16	BSP 1 1/2"	775	383	1336	39	92443589	2,880 €
ABC-90P	9.0	5 - 16	BSP 2"	908	375	1363	55	92443597	4,170 €
ABC-140P	14.0	5 - 16	BSP 2"	1075	440	1523	80	92443605	5,030 €
ABC-180P	18.0	5 - 16	DN80	1516	500	1857	120	92443613	7,680 €
ABC-280P	28.0	5 - 16	DN100	1880	500	1807	190	92443621	10,750 €
ABC-380P	36.0	5 - 16	DN100	1960	520	2075	245	23605561	11,770 €
ABC-480P	48.0	5 - 16	DN150	3128	1032	1983	560	92445162	20,060 €
ABC-640P	64.0	5 - 16	DN200	3218	1040	1983	620	92445170	21,520 €
ABC-750P	75.0	5 - 16	DN200	3218	1040	1983	640	92445188	22,450 €

### Performance based on:

Ambient Pressure equal to 1 bar a	Air Inlet Pressure equal to 7 bar g
Ambient Temperature equal to 25°C	Air Inlet Temperature equal to 120°C
Ambient relative humidity equal to 60%	Outlet air temperature approximately 10°C above ambient

Options	List Price
Low noise option for models ABC-90P to ABC-750P	On request
Low pressure drop option for model ABC-380P to ABC-750P	On request
Oil Free application	On request

If Options are selected the Standard CPN should not be used

Errors & Omissions Excepted

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**MODEL: Water Cooled Aftercoolers-Fixed Tube Bundle (WBC-12 to WBC-900)**



**Description**

- Water cooled with fixed cooling tubes / Shell and tube Heat exchanger
- Treated carbon steel vessel, copper tubes, aluminium baffles / High efficiency water separator
- Automatic float drain/Mounted thermometer & Counter flanges (from WBC 180)
- FH/V = Fixed cooler Horizontal or vertical and FH = Fixed cooler Horizontal only
- WBC-12 FH/V to 135 FH/V: factory assembled as horizontal versions, but include a separator connection elbow kit to convert to a vertical version as std
- Operating Limitations:

Ambient : Min 2°C

Air inlet temperature : Max 200° C

Inlet water temperature: Max 90°C

Model	Capacity		Operating Pressure bar g	Water Flow Rate m³/h	Air In / Out Entrada / Salida	Water In / Out Entrada / Salida	Weight (kg)	CPN	List Price EUR
	m³/min	m³/h							
WBC-12 FH/V	1.2	72.0	0.5 - 16	1	3/4" BSP	3/8" BSP	3.7	16666299	580 €
WBC-35 FH/V	3.5	210.0	0.5 - 16	1	1 1/2" BSP	1/2" BSP	7.8	16666307	720 €
WBC-65 FH/V	6.5	390.0	0.5 - 16	2	1 1/2" BSP	3/4" BSP	10.8	16666315	870 €
WBC-90 FH/V	9.0	540.0	0.5 - 16	6	2" BSP	3/4" BSP	14.8	16666323	1,170 €
WBC-135 FH/V	13.5	810.0	0.5 - 16	4	2" BSP	3/4" BSP	20	16666331	1,500 €
WBC-180 FH	18.0	1,080.0	0.5 - 12	5	DN80	1" BSP	50	16666349	3,040 €
WBC-270 FH	27.0	1,620.0	0.5 - 12	8	DN100	1 1/4" BSP	96	16666356	3,550 €
WBC-360 FH	36.0	2,160.0	0.5 - 12	9	DN100	1 1/4" BSP	102	16666364	3,990 €
WBC-500FH	50.0	3,000.0	0.5 - 12	5	DN125	1 1/4" BSP	139	16666372	5,380 €
WBC-600FH	60.0	3,600.0	0.5 - 12	6	DN150	1 1/4" BSP	187	16666380	6,180 €
WBC-900FH	90.0	5,400.0	0.5 - 12	8	DN200	1 1/4" BSP	269	16666398	8,640 €

**Performance based on:**

Ambient Pressure equal to 1 bar a	Air Inlet Pressure equal to 7 bar g
Ambient Temperature equal to 25°C	Air Inlet Temperature equal to 120°C
Ambient relative humidity equal to 60%	Outlet air temperature approximately 10°C above ambient

**Options**

Options	List Price
WBC-180 FV to 900 FV: Please check with IR	Contact Business Centre
Additional internal coating required for application with oil free air	Contact Business Centre
WBC-180 FH/V to 900 FH/V for 16 bar g (PED approved).	Contact Business Centre

If Options are selected the Standard CPN should not be used

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**MODEL: Water Cooled Aftercooler - Removable Tube Bundle (WBC-30 to WBC-5500)**



**Description**

- Water cooled with removable cooling tubes / Shell and tube Heat exchanger
- Treated carbon steel vessel, copper tubes, aluminium baffles / High efficiency water separator
- Automatic float drain/Mounted thermometer & Counter flanges (from WBC 220)
- RH/V=Removable cooler horizontal or vertical&RH=Removable cooler Horizontal only
- WBC-30 RH/V to 135 RH/V: factory assembled as horizontal versions, but include a separator connection elbow kit to convert to a vertical version as std
- Operating Limitations:  
 Ambient : Min 2°C

Air inlet temperature : Max 200° C  
 Inlet water temperature: Max 90°C

Modelo	Capacity		Operating Pressure bar g	Water Flow Rate m³/h	Air Connections Entrada / Salida	Water Connections Entrada / Salida	Weight (kg)	CPN	List Price EUR
	m³/min	m³/h							
WBC-30RH/V	3.0	180.0	16.0	1.3	1 1/2 BSP	1/2 " BSP	26.5	16666406	1,980 €
WBC-70RH/V	7.0	420.0	16.0	1.0	1 1/2 BSP	1/2 " BSP	28.5	16666414	2,130 €
WBC-110RH/V	11.0	660.0	16.0	1.0	2 " BSP	3/4" BSP	38.5	16666422	2,540 €
WBC-160RH/V	16.0	960.0	16.0	1.5	2 " BSP	3/4" BSP	51.0	16666430	3,250 €
WBC-220RH	22.0	1320.0	12.0	2.1	DN100	1 " BSP	108.0	16666448	4,460 €
WBC-280RH	28.0	1680.0	12.0	3.0	DN100	1 " BSP	112.0	16666455	4,730 €
WBC-380RH	38.0	2280.0	12.0	3.8	DN125	1 1/4" BSP	137.0	16666463	5,880 €
WBC-500RH	50.0	3000.0	12.0	5.0	DN125	1 1/4" BSP	139.0	16666471	6,500 €
WBC-600RH	60.0	3600.0	12.0	6.0	DN150	1 1/4" BSP	190.0	16666489	7,850 €
WBC-900RH	90.0	5400.0	12.0	7.6	DN200	1 1/4" BSP	309.0	16666497	10,600 €
WBC-1300RH	130.0	7800.0	10.0	11.5	DN200	1 1/2" BSP	372.0	16666505	15,430 €
WBC-1700RH	170.0	10200.0	10.0	14.3	DN200	2 "BSP	440.0	16666513	19,160 €
WBC-2000RH	200.0	12000.0	10.0	16.0	DN200	2 "BSP	575.0	16666521	23,890 €
WBC-2500RH	250.0	15000.0	10.0	15.8	DN200	DN65	640.0	16666539	31,640 €
WBC-3500RH	350.0	21000.0	10.0	23.0	DN250	DN80	985.0	16666547	41,940 €
WBC-4500RH	450.0	27000.0	10.0	30.0	DN300	DN100	1290.0	16666554	57,680 €
WBC-5500RH	550.0	33000.0	10.0	36.0	DN300	DN100	1815.0	16666562	66,490 €

**Performance based on:**

Ambient Pressure equal to 1 bar a	Air Inlet Pressure equal to 7 bar g
Ambient Temperature equal to 25°C	Air Inlet Temperature equal to 120°C
Ambient relative humidity equal to 60%	Outlet air temperature approximately 10°C above ambient

Options	List Price
WBC-220 RV to 5500 RV: Please check with IR	Contact Business Centre
Additional internal coating required for application with oil free air	Contact Business Centre
WBC-220 RH/V to 900 RH/V for 16 bar g (PED approved).	Contact Business Centre

If Options are selected the Standard CPN should not be used

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## MODEL: Vertical Air Receivers



### Description

- Carbon Steel, welded simple pressure vessel, externally primed
- Complete with fitting kit comprising of drain valve, safety valve and pressure gauge
- Each Receiver supplied with certificates of conformity
- Each Safety Valve supplied with certification
- ENLD Drain in option
- ENLs are heavy-duty industrial drains that remove condensate without wasting compressed air.

Model	Capacity		Weight kg	Eyebolt Qty	Leg Qty	CPN	List Price EUR
	Litres	Cubic Feet					
<b>11 Bar Vertical Receiver</b>							
	500.0	17.65	165	1	3	88331160	1,164 €
<b>12Bar Vertical Receiver</b>							
	1,000.0	35.31	398	1	3	88331178	1,968 €
	1,500.0	52.97	620	2	3	88331186	2,957 €
	2,000.0	70.63	789	1	3	88331194	3,358 €
	3,000.0	105.94	1034	2	3	88331202	4,460 €
	5,000.0	176.60			3	23838378	11,032 €
	10,000.0	353.10			3	18305607	19,756 €
<b>11 Bar Vertical Receiver-Galvanized</b>							
	500.0	17.65	165	1	3	18300483	1,257 €
<b>12Bar Vertical Receiver-Galvanized</b>							
	1,000.0	35.31	398	1	3	18300491	2,524 €
	1,500.0	52.97	620	2	3	18300509	3,101 €
	2,000.0	70.63	789	1	3	18300517	3,678 €
	3,000.0	105.94	1034	2	3	18300525	5,573 €
	5,000.0	176.60			3	23952450	14,420 €
	10,000.0	353.10			3	23952468	21,012 €

### Receiver sizing calculation:

Size of demand (m<sup>3</sup>/min) x duration of event (min) ÷ Delta P (barg)

Ex: 1.2 m<sup>3</sup>/min x 0.25 (min) = 0.5 m<sup>3</sup> (500 litres) 2 0.6 barg

## MODEL: Electronic No-Loss Drains

Model	Maximum Operating Pressure (bar / psig)	Compressor	Dryer	Filter	BSPT Inlet (mm / in)	BSPT Discharge (mm / in)	CPN - 115V	CPN - 230V
ENL 2	16 / 233	2.5	5.1	25.5	12.7 / 1/2"	6.4 / 1/4"	38445920	38445938
ENL 5	16 / 233	6.4	12.7	63.7	12.7 / 1/2"	6.4 / 1/4"	38445946	38445953
ENL 30	16 / 233	36.8	73.6	36.8	12.7 / 1/2"	12.7 / 1/2"	38445961	38445979
ENL 100	16 / 233	142	2832	1416	19.1 / 3/4"	12.7 / 1/2"	38445987	38445995
ENL 1000	16 / 233	1416	2832	14160	25.4 / 1"	12.7 / 1/2"	38446001	38446019
ENL 6 HP	63 / 914	8.5	17	84.9	12.7 / 1/2"	12.7 / 1/2"	38446027	38446035
ENL 30 HP	50 / 725	42.5	84.9	424.7	12.7 / 1/2"	12.7 / 1/2"	38446043	38446050

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