

**ULTRA CONTROLLO**

# ULTRASEC®

Refrigeration Dryers



**ULTRASEC**  
Compressed Air Systems



## Refrigeration Dryers

# ULTRASEC

### *Ultra Control* presents the new air dryer **ULTRASEC**

This new series of air dryers incorporates a new aluminium heat exchanger technology designed to provide optimal drying performance at high inlet air temperature up to 70°C and to directly reduce the energy consumption due to very low pressure losses.

When you use an ULTRASEC dryer the low pressure drop has as result high energy saving. The estimated power consumption for an increase of 1 bar on your compressor is about 7% of the installed motor power. Here you can imagine why the lower pressure drop caused by dryers and filters will lower your energy consumption.

The bigger the compressor the more you save with ULTRASEC dryers.

You don't have to run at higher pressure levels to achieve the pressure downstream of the dryer. So, you don't only save a lot in energy but you also save the lifetime of the entire air system.

Combined with a hot gas bypass valve developed with a new technology designed to provide a constant dew point, the refrigeration dryer ULTRASEC provide unmatched performance. At the end for sure you get a good return of your investment even if you pay a little more to take the smart choice.

### **Main Features**

**Maximum compressed air inlet temperature:**

ULTRASEC standard - 70°C

ULTRASEC-HT - 100°C

**Control panel with digital temperature indicator;**

**Condensate drain with electronic control.**

### **Advantages**

Low pressure drop even with load variations;

Constant dew point at different pressure loading conditions;

The components of this range of dryers and construction materials were selected with maximum respect for the environment and its ability to be recycled.

### Technical Specifications

MODEL	FLOW-RATE			POWER SUPPLY	CONNECTIONS	DIMENSIONS (mm)			WEIGHT
	m <sup>3</sup> /h	l/min	scfm	(Ph/Volt/Fr)	Ø	A	B	C	kg
USL 1	21	350	12	1/230/50-60	G 1/2" BSP-F	345	420	740	28
USL 2	33	550	19	1/230/50-60	G 1/2" BSP-F	345	420	740	29
USL 3	51	850	30	1/230/50-60	G 1/2" BSP-F	345	420	740	31
USL 4	72	1200	42	1/230/50-60	G 1/2" BSP-F	345	420	740	34
USL 5	108	1800	64	1/230/50-60	G 1" BSP-F	345	420	740	36
USL 6	138	2300	81	1/230/50	G 1" BSP-F	345	420	740	37
USL 7	186	3100	109	1/230/50	G 1.1/4" BSP-F	485	455	825	46
USL 8	240	4000	141	1/230/50	G 1.1/4" BSP-F	485	455	825	50
USL 9	330	5500	194	1/230/50	G 1.1/4" BSP-F	555	580	825	55
USL 10	372	6200	219	1/230/50	G 1.1/4" BSP-F	555	580	825	63
USL 11	486	8100	286	1/230/50	G 2" BSP-F	555	625	975	92
USL 12	630	10500	371	1/230/50	G 2" BSP-F	555	625	975	94
USL 13	750	12500	441	1/230/50	G 2.1/2" BSP-F	665	725	1.105	141
USL 14	870	14500	512	1/230/50	G 2.1/2" BSP-F	665	725	1.105	150
USL 15	960	16000	565	1/230/50	G 2.1/2" BSP-F	665	725	1.105	161
USL 16	330	5500	194	3/400/50	G 1.1/2" BSP-F	555	580	885	72
USL 17	372	6200	219	3/400/50	G 1.1/2" BSP-F	555	580	885	80
USL 18	486	8100	286	3/400/50	G 2" BSP-F	555	625	975	108
USL 19	630	10500	371	3/400/50	G 2" BSP-F	555	625	975	110
USL 20	750	12500	441	3/400/50	G 2.1/2" BSP-F	665	725	1.105	158
USL 21	870	14500	512	3/400/50	G 2.1/2" BSP-F	665	725	1.105	160
USL 22	960	16000	565	3/400/50	G 2.1/2" BSP-F	665	725	1.105	170
USL 23	1080	18000	636	3/400/50	DN 80–PN 16	790	1.000	1.465	240
USL 24	1260	21000	742	3/400/50	DN 80–PN 16	790	1.000	1.465	242
USL 25	1500	25000	883	3/400/50	DN 80–PN 16	790	1.000	1.465	275
USL 26	1800	30000	1.060	3/400/50	DN 80–PN 16	790	1.000	1.465	276
USL 27	2208	36800	1.300	3/400/50	DN 80–PN 16	790	1.000	1.465	311
USL 28	2400	40000	1.413	3/400/50	DN 100–PN 16	1.135	1.205	1.750	463

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MODEL	FLOW-RATE			POWER SUPPLY (Ph/Volt/Fr)	CONNECTIONS Ø	DIMENSIONS (mm)			WEIGHT kg
	m <sup>3</sup> /h	l/min	scfm			A	B	C	
USL 29	3000	50000	1.766	3/400/50	DN 100–PN 16	1.135	1.205	1.750	538
USL 30	3600	60000	2.119	3/400/50	DN 100–PN 16	1.135	1.205	1.750	540
USL 31	4416	73600	2.600	3/400/50	DN 100–PN 16	1.135	1.205	1.750	612
USL 32	5400	90000	3.178	3/400/50	DN 150–PN 16	1.300	1.750	1.810	830
USL 33	6624	110400	3.900	3/400/50	DN 150–PN 16	1.300	1.750	1.810	940
USL 34	7200	120000	4.238	3/400/50	DN 200–PN 16	1.400	2.200	1.870	1.055
USL 35	8832	147200	5.200	3/400/50	DN 200–PN 16	1.400	2.200	1.870	1.200
USL 36	10800	180000	6.537	3/400/50	DN 200–PN 16	1.450	2.165	2.430	1.650
USL 37	13248	220800	7.769	3/400/50	DN 200–PN 16	1.450	2.165	2.430	1.750
USL 38	14400	240000	8.476	3/400/50	DN 250–PN 16	1.450	2.455	2.455	1.950
USL 39	17664	294400	10.594	3/400/50	DN 250–PN 16	1.450	2.455	2.455	2.100

## Technical Images

