EASY DRY LINE

REFRIGERATION AIR DRYERS

The art of treating compressed air

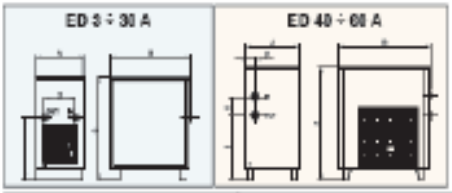
TECHNICAL FEATURES

MODEL	*FLOW-RATE			DIMENSIONS [mm]						P. SUPP.	PRESS.	CONN.	WEIGHT	POW.CON.
	[l/min]	[m³/h]	[CFM]	A	B	C	D	E	F	V/ph/Hz	bar	BSP	[Kg]	[kW]
ED 3 A	390	24	14	390	460	410	100	307	-	230/1/50	16 max	1/2"	29	0.12
ED 5 A	700	42	25	390	460	410	100	307	-	230/1/50	16 max	1/2"	30	0.17
ED 10 A	1190	71	42	440	600	550	100	370	-	230/1/50	16 max	3/4"	38	0.21
ED 15 A	1869	112	66	440	600	550	100	370	-	230/1/50	16 max	3/4"	41	0.41
ED 20 A	2549	153	90	440	600	550	100	370	-	230/1/50	16 max	3/4"	47	0.47
ED 30 A	3465	207	122	440	600	550	100	370	-	230/1/50	16 max	1"	47	0.61
ED 40 A	4105	246	146	480	632	969	158	554	84	230/1/50	14 max	1.1/2"	85	1.04
ED 50 A	5088	305	216	480	632	969	158	554	84	230/1/50	14 max	1.1/2"	85	1.04
ED 60 A	7079	425	250	480	632	969	158	554	84	230/1/50	14 max	1.1/2"	87	1.40
ED 75 A	10519	631	376	779	720	1425	180	345	109	230/1/50	14 max	2"	120	1.85
ED 100 A	14696	882	519	779	720	1425	180	345	109	230/1/50	14 max	2"	130	1.98
ED 125 A	16197	972	572	779	720	1425	180	345	109	400/3/50	14 max	2"	150	2.58
ED 150 A	20048	1203	708	779	720	1425	180	345	109	400/3/50	14 max	2"	150	2.58
ED 200 A	28317	1699	1000	784	1388	1565	398	83	588	400/3/50	14 max	3"	280	3.40
ED 250 A	36667	2200	1295	784	1388	1565	398	83	588	400/3/50	14 max	3"	300	5.30
ED 300 A	45000	2700	1589	914	1388	1565	398	84	588	400/3/50	14 max	DN 100	330	6.60
ED 400 A	60000	3600	2118	1510	1500	1570	405	227	585	400/3/50	14 max	DN 125	420	7.61
ED 500 A	70000	4200	2472	1510	1500	1570	405	227	585	400/3/50	14 max	DN 125	520	11.29
ED 600 A	88333	5300	3118	1510	1500	1570	405	227	585	400/3/50	14 max	DN 150	620	12.81
ED 700 A	100000	6000	3531	1510	1500	1570	405	227	585	400/3/50	14 max	DN 150	720	12.81
ED 750 A	110000	6600	3992	1510	1500	1570	405	227	585	400/3/50	14 max	DN 150	750	12.81

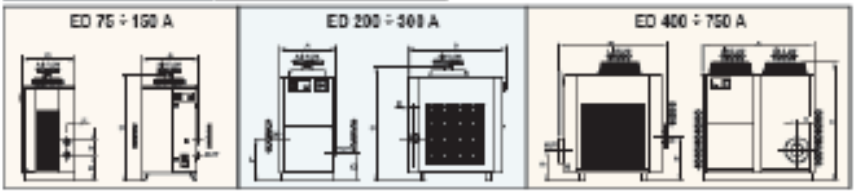
ED 15 ÷ 60 A *High Pressure version up to 40 bar available upon request.* - ED 100 A *Version 400/3/50 available upon request.*

* *Air flow ref. to the compressor performances.*

The constructor reserve the right to modify specifications without prior notice.



Refrigerant: available with R134a - R407c - R404a.
Inlet air temp.: 45 °C (55 °C max)
Ambient temp.: 35 °C (45 °C max)
Dew point: 3°C (-22 atm.)



Correction factors for different working pressures :															
bar	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Fc : 1	0.73	0.83	0.85	0.93	1.00	1.06	1.11	1.15	1.18	1.20	1.22	1.24	1.25	1.26

Correction factors for different ambient temperatures :						
°C	25	30	35	40	42	45
Fc : 2	1.11	1.07	1.00	0.86	0.75	0.66

Correction factors for different inlet air temperatures :						
°C	30	35	40	45	50	55
Fc : 2	1.43	1.30	1.20	1.00	0.97	0.69

Correction factors for different dew point temperatures :					
°C	3	5	7	9	10
Fc : 4	1.00	1.09	1.18	1.30	1.33

Calculation of the dryers REAL FLOW RATE = Nominal dryer flow rate x Fc1 x Fc2 x Fc3 x Fc4

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