Maxdryer

ISO 9001 REGISTERED

UKAS MANAGEMENT SYSTEMS 245

CE

Maxdryer

Purifying your compressed air, increasing your efficiency.

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MAX Series Air Dryer

- Compact and Ergonomic Design
- 3°C Pressure Dew Point
- Very Low Pressure Drop
- Designed for Tropical Conditions
- Dryer easlly runs with rated flow at 60°C
- Volced and light fault notice alarm
- In all models, +3°C fix dew point by expansion valve & capasity valve

Technical Specifications for Max Series

MODELS	CAPACITY m3/min	CAPACITY m3/h	CAPACITY cfm	CONNECTION SIZE	VOLTAGE V/Ph/Hz	REFRIGERANT GAS	PRESSURE DROP (mbar)	MAX. WORKING PRESSURE bar	MAX. AMBIENT °C	MAX INLE °C
MAX-900	0.9	54.0	31.8	1/2 "	230/1/50	R-134 a	50	16	50	60
MAX-1200	1.2	72.0	42.4	1/2 "	230/1/50	R-134 a	50	16	50	60
MAX-1800	1.8	108.0	63.5	3/4"	230/1/50	R-134 a	100	16	50	60
MAX-2200	2.2	132.0	77.7	3/4"	230/1/50	R-134 a	150	16	50	60
MAX-2600	2.6	156.0	91.8	1"	230/1/50	R-134 a	120	16	50	60
MAX-3100	3.1	186.0	109.5	1"	230/1/50	R-134 a	120	16	50	60
MAX-3700	3.7	222.0	130.7	1"	230/1/50	R-134 a	150	16	50	60
MAX-4500	4.5	270.0	158.9	1"	230/1/50	R-134 a	120	16	50	60
MAX-5500	5.5	330.0	194.2	1"	230/1/50	R-134 a	100	16	50	60
MAX-6500	6.5	390.0	229.5	1-1/2"	230/1/50	R-134 a	120	16	50	60
MAX-8500	8.5	510.0	300.2	2 "	230/1/50	R-134 a	100	16	50	60
MAX-11000	11.0	660.0	388.5	2 "	230/1/50	R-134 a	100	16	50	60
MAX-13000	13.0	780.0	459.1	2 "	400/3/50	R407C	120	16	50	60
MAX-17000	17.0	1,020.0	600.3	2 "	400/3/50	R407C	200	16	50	60
MAX-20000	20.0	1,200.0	706.3	2 "	400/3/50	R407C	180	16	50	60
MAX-25000	25.0	1,500.0	882.9	3"	400/3/50	R407C	180	16	50	60
MAX-30000	30.0	1,800.0	1059.4	3"	400/3/50	R407C	120	16	50	60
MAX-35000	35.0	2,100.0	1236.0	3"	400/3/50	R407C	220	16	50	60
MAX-40000	40.0	2,400.0	1412.6	3"	400/3/50	R407C	200	16	50	60
MAX-45000	45.0	2,700.0	1589.2	3"	400/3/50	R407C	180	16	50	60
MAX-50000	50.0	3,000.0	1765.7	3"	400/3/50	R407C	250	16	50	60
MAX-60000	60.0	3,600.0	2118.9	DN 100	400/3/50	R407C	220	16	50	60
MAX-70000	70.0	4,200.0	2472.0	DN 100	400/3/50	R407C	200	16	50	60
MAX-80000	80.0	4,800.0	2825.2	DN 100	400/3/50	R407C	220	16	50	60
MAX-90000	90.0	5,400.0	3178.3	DN 100	400/3/50	R407C	200	16	50	60
MAX-105000	105.0	6,300.0	3708.0	DN 125	400/3/50	R407C	220	16	50	60
MAX-120000	120.0	7,200.0	4237.8	DN 150	400/3/50	R407C	220	16	50	60
MAX-140000	140.0	8,400.0	4944.0	DN 150	400/3/50	R407C	220	16	50	60
MAX-160000	160.0	9,600.0	5650.3	DN 200	400/3/50	R407C	220	16	50	60

CORRECTION FACTORS FOR MAX SERIES AIR DRYERS								
INLET TEMPERATURE °C	30	35	40	45	50	60		
X1	1.28	1	0.92	0.78	0.65	0.45		
AMBIENT TEMPERATURE °C	20	25	30	35	40	50		
X2	1.05	1	0.98	0.93	0.84	0.7		
PRESSURE BAR	4	6	7	8	10	12	14	16
X3	0.8	0.94	1	1.04	1.11	1.16	1.22	1.25

Maxdryer

DIMENSIONS L	W	H	WEIGHT Kg	Condenser Air Flow m³/h	Fan Number x Fan Size	Fan Power W	Refregirant Power of the Compressor W	Compressor Power hp	Electric Power A
490	380	450	30	390	1x20	40	476	1/5	1.5
490	380	450	31	390	1x20	40	476	1/5	1.5
490	380	450	32	390	1x20	40	560	1/4	1.9
490	380	450	34	390	1x20	40	560	1/4	1.9
600	400	530	44	856	1x25	65	903	3/8	3.5
600	400	530	45	856	1x25	65	903	3/8	3.5
600	400	530	47	952	1x25	65	1233	1/2	4.6
650	450	620	70	1115	1x25	95	2050	3/4	5
650	450	620	79	1293	1x25	95	2280	3/4	5.2
650	450	620	83	1430	1x30	95	2407	1	5.6
870	590	1200	140	3900	1x400	200	4815	2	3
870	590	1200	144	3900	1x400	200	4815	2	3
852	734	1191	172	3290	1x450	260	6321	2.5	5
852	734	1191	180	4636	1x450	260	7997	3	5.5
852	734	1191	195	4636	1x450	260	7997	4	6
1102	782	1372	273	5834	2x400	2x200	8983	4	6
1102	782	1372	284	5814	2x450	2x260	11820	5	8.5
1352	833	1382	302	9273	2x450	2x260	13475	6	8.5
2104	804	1625	336	11260	2x450	2x260	13475	7	8.5
2104	804	1625	365	11260	2x450	2x260	14302	7	9.5
2104	804	1625	552	16443	3x500	3x450	7456	10	12
2104	804	1625	575	16443	3x500	3x450	7456	10	12
2104	1150	1625	590	17306	3x500	3x450	8202	12	13
2104	1150	1625	710	18409	3x500	3x450	8948	13	15
2104	1360	1625	775	21280	3x500	3x450	10439	15	16
2600	1360	1760	805	21418	3x500	3x450	14913	18	18
2750	1360	1760	865	28600	3x500	3x450	14913	20	22
2750	1360	1760	930	32885	3x600	3x700	18642	25	27
2750	1360	1760	930	34560	3x600	3x800	18642	30	32

CHOOSE YOUR DRYER

Air Flow 300 m³/h at 6 bars;
Inlet temperature is 40°C,
Ambient temperature is 30°C,
Please choose Dryer as below;
300 / 0,94 / 0,92 / 0,98 = 354 m³/h
The correct model is MAX-6500