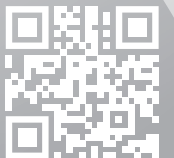




MEGASAN



Medical Air Plants



www.megasan.com.tr



MEGASAN Medikal entered the sector in 1981 with assembly and maintenance works and started production in 1998.

It continues its activities in its production facility established on a total area of 70 thousand m² with a closed area of 14 thousand m². There is also a showroom in Ankara where the R&D and sales departments are located. Today, **MEGASAN Medikal A. Ş.** is one of the largest medical gas manufacturers in Europe. In addition to medical air plant in its product range, it produces medical gas plants, area valve service units, medical gas outlets, patient service units, intensive care and emergency service units, pendants, gas adapters.

Today, **MEGASAN** has the rightful pride of offering dozens of best quality products and serves in gas installation projecting, installation and maintenance with its modern manufacturing building equipped with sensitive technological devices and equipments, engineers, extremely well-trained technicians, assembly and maintenance personnels. **MEGASAN Medikal**, is proud of its values and determined mind about getting better day by day.

Our aim; By closely following scientific and technological developments and following a policy parallel to the globalization process in the world, we aim to maintain our leading position in our sector and become a more respected company around the world, while also strengthening this leadership.

Megasan, has the CE (Conformity of Europe) certificate which is very rare in the medical sector in Turkey, proudly states once again that while providing the best service to all its customers;

"The quality of our products is our best reference."



Medical Air Plant

Intended Use

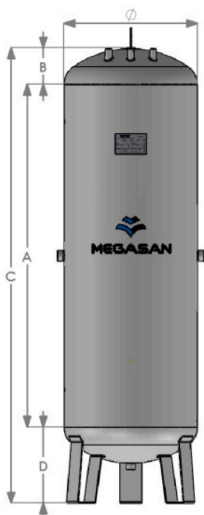
Medical gases are of great importance for almost every area of hospitals. Medical air plants provide continuous feeding of air stations at appropriate quality and pressure.

Megasan; has been installing medical gas plants for clinics and medical applications for many years. Today's systems meet all current standards, in particular DIN EN ISO 7396-1, with air quality in line with the European Pharmacopoeia.



Technical Characteristics

Product Code	: MG-HSx-y-z
	(x: Capacity of the each compressor, y: Number of Compressors, z: Type of Dryers)
Product Name	: Medical Air Plant
Number of Compressor	: Min. 2 (May vary depending on the project)
Compressor Capacity	: 40, 60, 110, 150, 250, ... m3/h
Voltage/Frequency	: (May vary depending on power capacity)



Model	Capacity (lt)	Maximum Operating Pressure (mmHg)	Diameter of the Body Ø	A (mm)	B (mm)	C (mm)	D (mm)
G500	500	760	600	1500	183	2141	360
G750	750	760	850	1200	242	1758	425
G1000	1000	836	850	1500	242	2258	425
G1500	1500	836	1100	1200	340	2050	520
G1800	1800	836	1100	1500	340	2350	520
G2000	2000	836	1150	1500	340	2350	520
G3000	2500	836	1200	2250	340	3100	590

STANDARD PRODUCT SELECTION TABLE																		
Product Code	Product Name	Compressor - Oil Lubricated					Dryer				Tank		Number Of Editors	Number Of Filters	Total System Requirements			
		Capactcity				Peece	Type	Kapasite		Peece	Capacity (Lt.)	Peece			Energy (Kw)	Min. Required Area (mt.)	Appr. Weight (Estimated) (Kg)	
		m3/h	LPM	Kw	HP			m3/h	LPM									
		@10 Bar																
MG-HS40-2-K	Medical Air Plant-40 m³/h-2 Compressors-Chemical Type Dryer	45	750	5,5	7,5	2	Chemical Type	90	1.500	1	500	1	2	3	14,1	4X4	901	
MG-HS40-2-S	Medical Air Plant-40 m³/h-2 Compressors-Refrigerant Type Dryer	45	750	5,5	7,5	2	Cooling Type	54	900	1	500	1	2	3	12,9	4X4	797	
MG-HS40-3-K	Medical Air Plant-40 m³/h-3 Compressors-Chemical Type Dryer	45	702	5,5	7,5	3	Chemical Type	90	1.500	1	500	2	2	3	19,6	4x6	1086	
MG-HS40-3-S	Medical Air Plant-40 m³/h-3 Compressors-Refrigerant Type Dryer	45	702	5,5	7,5	3	Cooling Type	54	900	1	500	2	2	3	18,4	4x6	982	
MG-HS40-4-K	Medical Air Plant-40 m³/h-4 Compressors-Chemical Type Dryer	45	702	5,5	7,5	4	Chemical Type	90	1.500	1	500	2	2	3	25,1	4x7	1.271	
MG-HS40-4-S	Medical Air Plant-40 m³/h-4 Compressors-Refrigerant Type Dryer	45	702	5,5	7,5	4	Cooling Type	108	1.800	1	500	2	2	3	25,7	4x7	1.174	
MG-HS67-2-K	Medical Air Plant-67 m³/h-2 Compressors-Chemical Type Dryer	82	1.360	11	15	2	Chemical Type	90	1.500	1	500	1	2	3	25,1	4X4	937	
MG-HS67-2-S	Medical Air Plant-67 m³/h-2 Compressors-Refrigerant Type Dryer	82	1.360	11	15	2	Cooling Type	108	1.800	1	500	1	2	3	25,7	4X4	840	
MG-HS67-3-K	Medical Air Plant-67 m³/h-3 Compressors-Chemical Type Dryer	82	1.360	11	15	3	Chemical Type	90	1.500	1	500	2	2	3	36,1	4x6	1.122	
MG-HS67-3-S	Medical Air Plant-67 m³/h-3 Compressors-Refrigerant Type Dryer	82	1.360	11	15	3	Cooling Type	108	1.800	1	500	2	2	3	36,7	4x6	1.025	
MG-HS67-4-K	Medical Air Plant-67 m³/h-4 Compressors-Chemical Type Dryer	82	1.360	11	15	4	Chemical Type	162	2.700	1	500	2	2	3	49,5	4x7	1.341	
MG-HS67-4-S	Medical Air Plant-67 m³/h-4 Compressors-Refrigerant Type Dryer	82	1.360	11	15	4	Cooling Type	144	2.400	1	500	2	2	3	48,9	4x7	1.234	
MG-HS110-2-K	Medical Air Plant-110 m³/h-2 Compressors-Chemical Type Dryer	132	2.200	15	20	2	Chemical Type	126	2.100	1	1.000	1	2	3	34,3	4X4	1.316	
MG-HS110-2-S	Medical Air Plant-110 m³/h-2 Compressors-Refrigerant Type Dryer	132	2.200	15	20	2	Cooling Type	144	2.400	1	1.000	1	2	3	34,9	4X4	1.232	
MG-HS110-3-K	Medical Air Plant-110 m³/h-3 Compressors-Chemical Type Dryer	132	2.200	15	20	3	Chemical Type	126	2.100	1	1.000	2	2	3	49,3	4x6	1.626	
MG-HS110-3-S	Medical Air Plant-110 m³/h-3 Compressors-Refrigerant Type Dryer	132	2.200	15	20	3	Cooling Type	144	2.400	1	1.000	2	2	3	49,9	4x6	1.542	
MG-HS110-4-K	Medical Air Plant-110 m³/h-4 Compressors-Chemical Type Dryer	132	2.200	15	20	4	Chemical Type	234	3.900	1	1.000	2	2	3	67,9	4x7	2.025	
MG-HS110-4-S	Medical Air Plant-110 m³/h-4 Compressors-Refrigerant Type Dryer	132	2.200	15	20	4	Cooling Type	252	4.200	1	1.000	2	2	3	68,5	4x7	1.863	
MG-HS150-2-K	Medical Air Plant-150 m³/h-2 Compressors-Chemical Type Dryer	192	3.200	22	30	2	Chemical Type	162	2.700	1	1.000	2	2	3	49,5	4X5	1.392	
MG-HS150-2-S	Medical Air Plant-150 m³/h-2 Compressors-Refrigerant Type Dryer	192	3.200	22	30	2	Cooling Type	180	3.000	1	1.000	2	2	3	50,1	4X5	1.285	
MG-HS150-3-K	Medical Air Plant-150 m³/h-3 Compressors-Chemical Type Dryer	192	3.200	22	30	3	Chemical Type	162	2.700	1	1.000	2	2	3	71,5	4x6	1.702	
MG-HS150-3-S	Medical Air Plant-150 m³/h-3 Compressors-Refrigerant Type Dryer	192	3.200	22	30	3	Cooling Type	180	3.000	1	1.000	2	2	3	72,1	4x6	1.595	
MG-HS150-4-K	Medical Air Plant-150 m³/h-4 Compressors-Chemical Type Dryer	192	3.200	22	30	4	Chemical Type	324	5.400	1	1.000	2	2	3	98,9	4x7	2.120	
MG-HS150-4-S	Medical Air Plant-150 m³/h-4 Compressors-Refrigerant Type Dryer	192	3.200	22	30	4	Cooling Type	324	5.400	1	1.000	2	2	3	98,9	4x7	1.916	
MG-HS250-2-K	Medical Air Plant-250 m³/h-2 Compressors-Chemical Type Dryer	264	4.400	30	40	2	Chemical Type	324	5.400	1	2.000	1	2	3	70,9	4X4	1.996	
MG-HS250-2-S	Medical Air Plant-250 m³/h-2 Compressors-Refrigerant Type Dryer	264	4.400	30	40	2	Cooling Type	252	4.200	1	2.000	1	2	3	68,5	4X4	1.792	
MG-HS250-3-K	Medical Air Plant-250 m³/h-3 Compressors-Chemical Type Dryer	264	4.400	30	40	3	Chemical Type	324	5.400	1	2.000	2	2	3	100,9	4x6	2.516	
MG-HS250-3-S	Medical Air Plant-250 m³/h-3 Compressors-Refrigerant Type Dryer	264	4.400	30	40	3	Cooling Type	252	4.200	1	2.000	2	2	3	98,5	4x6	2.312	
MG-HS250-4-K	Medical Air Plant-250 m³/h-4 Compressors-Chemical Type Dryer	264	4.400	30	40	4	Chemical Type	594	9.900	1	2.000	2	2	3	139,9	4x7	3.247	
MG-HS250-4-S	Medical Air Plant-250 m³/h-4 Compressors-Refrigerant Type Dryer	264	4.400	30	40	4	Cooling Type	612	10.200	1	2.000	2	2	3	140,5	4x7	2.915	
MG-HS300-2-K	Medical Air Plant-300 m³/h-2 Compressors-Chemical Type Dryer	336	5.600	37	50	2	Chemical Type	324	5.400	1	2.000	2	2	3	84,9	4X5	2.132	
MG-HS300-2-S	Medical Air Plant-300 m³/h-2 Compressors-Refrigerant Type Dryer	336	5.600	37	50	2	Cooling Type	324	5.400	1	2.000	2	2	3	84,9	4X5	1.928	
MG-HS300-3-K	Medical Air Plant-300 m³/h-3 Compressors-Chemical Type Dryer	336	5.600	37	50	3	Chemical Type	324	5.400	1	2.000	2	2	3	121,9	4x6	2.652	
MG-HS300-3-S	Medical Air Plant-300 m³/h-3 Compressors-Refrigerant Type Dryer	336	5.600	37	50	3	Cooling Type	324	5.400	1	2.000	2	2	3	121,9	4x6	2.448	
MG-HS300-4-K	Medical Air Plant-300 m³/h-4 Compressors-Chemical Type Dryer	336	5.600	37	50	4	Chemical Type	702	11.700	1	2.000	2	2	3	171,5	4x7	3.383	
MG-HS300-4-S	Medical Air Plant-300 m³/h-4 Compressors-Refrigerant Type Dryer	336	5.600	37	50	4	Cooling Type	612	10.200	1	2.000	2	2	3	168,5	4x7	3.051	

* Compressor maximum working pressure is up to 13 Bar.

** It can be configured according to all projects and options (such as Compressor, Tank, Filter Group, By-Pass System of Groups).

*** A distribution collector can be added to the power plant output according to the project requirements and demands.

HARNESSING THE POWER OF THE SUN FOR A SUSTAINABLE FUTURE!



MEDİKAL GAZ SİSTEMLERİ TIBBİ ALET ve CİHAZLAR A.Ş.

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