

#### **Medical Vacuum Plant**

The WTK Central Medical Vacuum Supply System is used to provide reliable and continuous suction in different departments of a hospital, such as Operation Theatres, Intensive, Coronary and Neonatal Care Units, Delivery and Emergency Departments and also patient wards.

WTK Medical Vacuum Plants are designed to meet the requirement of MS2675-1 / HTM2022 / HTM02-01, C11 and EN737 and types of Medical Vacuum Plants are determined based on the circulation and requirements of the flow requirements. Electrical Requirement depending upon the country used and all internal electrical wiring and cable connections are in accordance to IEE wiring regulations.





Compact Design



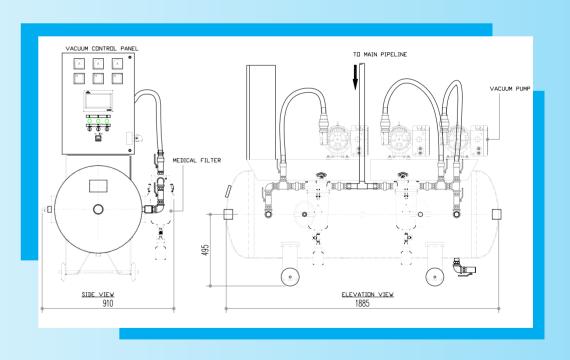
### **Description**

WTK is offering Medical Vacuum Pumps that are manufactured in EU/USA/Japan as oil lubricated and oil free rotary types or revolutionary vacuum pumps.

The Medical Vacuum Plant consists of Vacuum Pumps (Oil Lubricated, Oil free or Oil free closed loop water ring types), Bacteria Filter Group, Electrical Control Panel, Non-return Valves and Connection Pipes and Vacuum Reservoir.

- 1. A choice of capacity for Vacuum Pumps is available from 16 to 630 m3/hr.
- A choice of Vacuum Pump power is available from 0.55 to 15 kW.

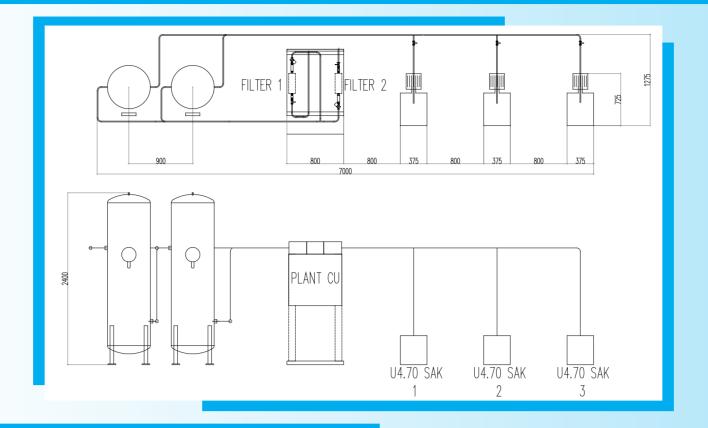
Electrical control panel has been designed to control the plant up to maximum 4 vacuum pumps (or more depending on design requirement) and operate and protect the electrical systems.



Innovative Design in Medical Engineering

# Typical Layout Of Medical Vaccum Plant





## **Technical Specification**

MS 2675-1:2017 Medical gas systems
HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
HTM 2020 – Electrical Safety Low Voltage System
C11 – NHS Estates Model Engineering Specification
EN737-3: 1998 – Medical Gas Pipeline System
EN ISO 7396-1 – Medical gas pipeline systems

Designation: WT26000 Medical Vacuum
Configuration: Duplex / Triplex / Quaduplex

Tel

: +603-87332880

: +603-87332535

E-mail: info@wtktechnologies.com.my

Dimension : Varies

Components: Vacuum Pump / Control Panel / Filters / Receivers

Electronics : Touchscreen Monitor with PLC control Power Rating : 415VAC 3 Phase input, 50/60 Hz

### **Model Number**

MODEL	FLOW LPM	KW	FUSE / COMP	H (mm)	L (mm)	D (mm)	MODEL	FLOW LPM	KW	FUSE / COMP	H (mm)	L (mm)	D (mm)	
DUPLEX (MS2675-1 / HTM2022 / HTM 02-01)								TRIPLEX (MS2675-1 / HTM2022						
WT27001	260	2X0.55	10 A	1100	1250	500	WT27021	520	3X0.55	10 A	1100	2250	500	
WT27002	600	2X1.5	10 A	1450	1750	850	WT27022	1200	3X1.5	10 A	1450	2750	850	
WT27003	1050	2X2.4	16 A	1625	1900	1100	WT27023	2150	3X2.4	16 A	1625	2900	1100	
WT27004	1450	2X2.4	16 A	1625	1900	1100	WT27024	2900	3X2.4	16 A	1625	2900	1100	
WT27005	2450	2X4.0	25 A	1800	1950	1250	WT27025	4900	3X4.0	25 A	1800	2950	1250	
WT27006	2750	2X5.5	32 A	1900	2150	1350	WT27026	5550	3X5.5	32 A	1900	3150	1350	
WT27007	3700	2X7.5	50 A	2200	3550	1500	WT27027	7440	3X7.5	50 A	2200	4550	1500	
WT27008	6000	2X11.0	63 A	2750	4500	1650	WT27028	12000	3X11.0	63 A	2750	5500	1650	
WT27009	9800	2X15.0	80 A	3500	4500	1900	WT27029	19600	3X15.0	80 A	3500	5500	1900	
MODEL	FLOW LPM	KW	FUSE / COMP	H (mm)	L (mm)	D (mm)	MODEL	FLOW LPM	KW	FUSE / COMP	H (mm)	L (mm)	D (mm)	
MODEL	LPM	KW <b>EX (HTM</b>	COMP	,	L (mm)	, ,		LPM <b>QUAD</b> I	JPLEX	COMP	(mm)	· · ·	(mm)	
MODEL WT27041	LPM		COMP	,	L (mm) 2250	(mm)	WT27061	LPM <b>QUADI</b> 520	<b>JPLEX</b> 4X0.55	COMP	(mm)	3250	(mm) 500	
	LPM <b>Triple</b>	ЕХ (НТМ	COMP 02-01)	(mm)	Ì	(mm) 500	WT27061 WT27062	LPM <b>QUAD</b> 520 1200	<b>JPLEX</b> 4X0.55 4X1.5	10 A 10 A	(mm) 1100 1450	3250 3750	(mm) 500 850	
WT27041	LPM <b>TRIPLE</b> 260	<b>EX (HTM</b> 3X0.55	COMP <b>02-01)</b> 10 A	(mm)	2250	(mm) 500	WT27061 WT27062 WT27063	LPM <b>QUADI</b> 520 1200 2150	UPLEX 4X0.55 4X1.5 4X2.4	10 A 10 A 16 A	(mm) 1100 1450 1625	3250 3750 3900	(mm) 500 850 1100	
WT27041 WT27042	LPM <b>TRIPLE</b> 260 600	<b>EX (HTM</b> 3X0.55 3X1.5	COMP 02-01) 10 A 10 A	(mm) 1100 1450	2250 2750	(mm) 500 850	WT27061 WT27062 WT27063 WT27064	LPM <b>QUADI</b> 520 1200 2150 2900	JPLEX 4X0.55 4X1.5 4X2.4 4X2.4	10 A 10 A 16 A 16 A	(mm) 1100 1450 1625 1625	3250 3750 3900 3900	(mm) 500 850 1100 1100	
WT27041 WT27042 WT27043	LPM <b>TRIPLE</b> 260 600 1050	3X0.55 3X1.5 3X2.4	COMP 02-01) 10 A 10 A 16 A	(mm) 1100 1450 1625	2250 2750 2900	(mm) 500 850 1100	WT27061 WT27062 WT27063 WT27064 WT27065	LPM <b>QUAD</b> 520 1200 2150 2900 4900	JPLEX 4X0.55 4X1.5 4X2.4 4X2.4 4X4.0	10 A 10 A 16 A 16 A 25 A	(mm) 1100 1450 1625 1625 1800	3250 3750 3900 3900 3950	(mm) 500 850 1100 1100 1250	
WT27041 WT27042 WT27043 WT27044	LPM TRIPLE 260 600 1050 1450	3X0.55 3X1.5 3X2.4 3X2.4	COMP 02-01) 10 A 10 A 16 A 16 A	(mm) 1100 1450 1625 1625	2250 2750 2900 2900	(mm) 500 850 1100	WT27061 WT27062 WT27063 WT27064 WT27065 WT27066	LPM <b>QUAD</b> 520 1200 2150 2900 4900 5550	JPLEX 4X0.55 4X1.5 4X2.4 4X2.4 4X4.0 4X5.5	10 A 10 A 16 A 16 A 25 A 32 A	(mm) 1100 1450 1625 1625 1800 1900	3250 3750 3900 3900 3950 4150	(mm) 500 850 1100 1100 1250 1350	
WT27041 WT27042 WT27043 WT27044 WT27045	LPM TRIPLE 260 600 1050 1450 2450	3X0.55 3X1.5 3X2.4 3X2.4 3X4.0	COMP 02-01) 10 A 10 A 16 A 16 A 25 A	(mm)  1100 1450 1625 1625 1800	2250 2750 2900 2900 2950	(mm) 500 850 1100 1100 1250	WT27061 WT27062 WT27063 WT27064 WT27065 WT27066 WT27066	LPM <b>QUAD</b> 520 1200 2150 2900 4900 5550 7440	JPLEX 4X0.55 4X1.5 4X2.4 4X2.4 4X4.0 4X5.5 4X7.5	10 A 10 A 16 A 16 A 25 A 32 A 50 A	(mm)  1100 1450 1625 1625 1800 1900 2200	3250 3750 3900 3900 3950 4150 5550	(mm) 500 850 1100 1100 1250 1350 1500	
WT27041 WT27042 WT27043 WT27044 WT27045 WT27046	LPM TRIPLE 260 600 1050 1450 2450 2750	3X0.55 3X1.5 3X2.4 3X2.4 3X4.0 3X5.5	COMP 02-01) 10 A 10 A 16 A 16 A 25 A 32 A	(mm)  1100 1450 1625 1625 1800 1900 2200	2250 2750 2900 2900 2950 3150	(mm)  500 850 1100 1100 1250 1350	WT27061 WT27062 WT27063 WT27064 WT27065 WT27066	LPM <b>QUAD</b> 520 1200 2150 2900 4900 5550	JPLEX 4X0.55 4X1.5 4X2.4 4X2.4 4X4.0 4X5.5	10 A 10 A 16 A 16 A 25 A 32 A	(mm) 1100 1450 1625 1625 1800 1900	3250 3750 3900 3900 3950 4150 5550	(mm) 500 850 1100 1100 1250 1350 1500 1650	