

Blackfish Industries (Shanghai) Co., Limited

提供高效、專業、完美的解決方案

Efficient, Professional, Perfect solutions

玄魚實業(上海)有限公司

Blackfish Industries (Shanghai) Co., Limited

玄魚工業™
Blackfish

Blackfish Industries (Shanghai) Co.,Limited

玄魚實業上海有限公司成立于**2009**年，註冊資金**500**萬元人民幣，主要產品有醫用氣體設備，如醫用氣體管道、氣體報警系統、設備帶、**ICU**吊塔、手術室吊塔、呼叫系統以及氣體終端和氧氣調節器。所有的產品系列均已通過**ISO**認證，吊塔更是通過了**CE**認證。產品遠銷海外，目前在**5**個國家地區有獨家代理商。公司秉承致力於提供“**高效、專業和完美的解決方案**”這一理念，提供高質量產品的同時，我們也為客戶提供切合實際的解決方案。

同時玄魚實業還負責代理銷售進口醫療器械，介紹更專業、更先進的設備和理念到中國。作為專業的醫療器械供應商，我們期待與各界同仁共發展，同進步。

Blackfish is a private enterprise founded in April, 2009.

Our company is a manufacturer which specialized in providing hospital gas equipment and MOT, such as hospital gas pipeline,medical air compressor,air dryer system and oxygen system,medical gas alarm system,bed head units,gas outlets,medical ICU pendant,OR pendant, nurse call system,infusion pump,and other hospital furniture. All our ICU/OR pendants, oxygen regulator,syringe and infusion pump had been passed the CE and ISO13485,and others had been passed the ISO certificates.

Medical Gas Pipeline

Bedhead Unit 醫用設備帶



BFB001

雙斜設備帶

Double side bevel bedhead unit

*size:6000*305*85mm

尺寸: 6000*305*85mm

*Made by high quality aluminum alloy,color and length are customized;

高強度鋁合金材質，長度、顏色均可定制；

*installation of gas outlet,sockets,switch and lamp freely.

免費安裝氣體終端、插座、照明燈

以及開關；

*OEM/ODM welcome.

歡迎貼牌生產。



BFB002

雙圓邊設備帶

Double side arc bedhead unit

*size:6000*203*85mm

尺寸: 6000*203*85mm

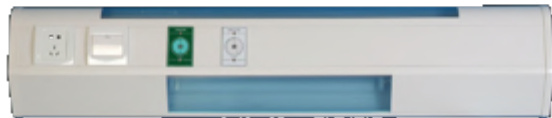
*Made by high quality aluminum alloy,color and length are customized;

高強度鋁合金材質，長度、顏色均可定制；

*installation of gas outlet,sockets,switch and lamp freely.

免費安裝氣體終端、插座、照明燈以及開關；

*OEM/ODM welcome.歡迎貼牌生產。



BFB003

圓斜邊設備帶

One side arc other side bevel bedhead unit

*size:6000*250*85mm

尺寸: 6000*250*85mm

*Made by high quality aluminum alloy,color and length are customized;

高強度鋁合金材質，長度、顏色均可定制；

*installation of gas outlet,sockets,switch and lamp freely.

免費安裝氣體終端、插座、照明燈以及開關；



BFB004 壁畫式設備帶 Painting bedhead unit

**Like the painting,would be bedhead unit after pushed the painting;
遠看壁畫，實則內置設備帶；**

**Size customized,and the painting customized also;
尺寸定制，壁畫內容定制；**

**The gas outlet and sockets quantities and kind customized;
醫用氣體終端和插座種類、數量均可定制；**

***installation of gas outlet,sockets,switch and lamp freely.**

免費安裝氣體終端、插座、照明燈以及開關；

***OEM/ODM welcome.**

歡迎貼牌生產。



BFB005 新型設備帶 Latest Bedhead unit

- *Made by high quality aluminum alloy,color and length are customized;
高強度鋁合金材質，長度、顏色均可定制；
- *installation of gas outlet,sockets,switch and lamp freely.
免費安裝氣體終端、插座、照明燈以及開關；
- *OEM/ODM welcome.
歡迎貼牌生產。



BFB007 帶軌道設備帶 Bedhead Unit with Rails

- *Made by high quality aluminum alloy,color and length are customized,with rails for oxygen regulator or suction regulator;
高強度鋁合金材質，長度、顏色均可定制，帶軌道便於安裝氣體/負壓調節器；
- *installation of gas outlet,sockets,switch and lamp freely.
免費安裝氣體終端、插座、照明燈以及開關；
- *OEM/ODM welcome.
歡迎貼牌生產。

Monitor stand/holder 監護儀支架/推車



BF-BM01S
Simple Universal Monitor Holder
簡易型通用支架



BF-BM01
Universal Monitor Holder
通用型支架



BF-BM02
Standard Monitor Holder
標準支架



BF-BM03
Rotatable Monitor Holder
可旋轉支架

1, made of aluminium alloy, oxidation treatment of surface, well-made;

高強度鋁合金製成，表面氧化處理，工藝精湛；

2, up and down moving, left and right turning;

部分支架可左右、上下移動；

3, meet most brand monitor;

滿足市場上大部分的監護儀品牌，同時提供定制服務；

4, warranty: 3 years.

質保 3 年。

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BF-BM04
Rotary Monitor Holder
旋轉支架



BF-BM05
Lay-back Monitor Holder
背裝式支架



BF-BM06
Monitor Holder with platform
平台式支架



BF-BM08
Trinal Arms Rotary Monitor Holder
三臂可旋轉支架



BF-BM09
Trinal Arms Rotary Monitor Holder with tray
三臂支架



BF-BM11
Standard Monitor trolley
標準監護儀推車



BF-BM13
Breathing Machine Trolley
呼吸機推車



BF-BM14
Checking Ward Trolley
查房車



BF-BM19
Checking ward Trolley
查房車



BF-BM17
Trolley For Infusion Pump
輸液泵推車

同時我們也提供監護儀推車、查房車以及其他醫用推車等，**BF-BM** 系列產品，採用高檔鋁合金和不鏽鋼精工製成，由曾經留學德國的工程師親自操刀設計，工藝和製作水平均居國內前列。

Meanwhile Blackfish provided the medical trolley,other monitor trolley and carts. The BF-BM series were made of high quality aluminum and stainless steel,designed by engineers who studied and worked in Germany

Medical Gas Outlet 醫用氣體終端



DIN gas outlet 德標終端

- Complies with DIN EN 737-1: 1998 and DIN 13620-2;
- 符合 DIN EN737-1: 1998 和 DIN 13620-2 標準;
- Color-coded for easy gas service identification according to ISO 32;
- ISO32 顏色識別標準;
- maintain or replace without gas interrupting;
- 維修、更換時無需斷氣;
- Internal gas-specific safety socket ;
- 內置安全閥;
- 100% tested and individually packaged.

- 出廠前 100%測試



British gas outlet 英式終端

- Complies with EN 737-1: 1998, HTM 2022, BS 5682-1998;
- 符合 EN 737-1: 1998, HTM 2022, BS5682-1998 標準;
- Color-coded for easy gas service identification according to ISO 32;
- ISO32 顏色識別標準;
- 100% tested and individually packaged;
- 出廠前 100%測試;
- Swivel pipe design for easy installation;
- 旋轉銅管，更易於安裝;
- maintain or replace without gas interrupting;
- 帶氣維修更換配件;
- Area: England, India, Middle east, Commonwealth Nations.
- 適用地區：英屬國家。

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American gas outlet 美式終端



- DISS, ohmeda, chemetron available;
 - 可提供 DISS, Ohmeda, Chemetron 3 種美式;
 - Installed on wall and bedhead unit;
 - 可提供牆式和設備帶兩種規格的終端;
 - Color-coded for easy gas identification;
 - 顏色識別標準;
 - 360° swivel on the inlet pipe for easy installation;
 - 360 度可旋轉，更易於安裝;
 - 100% tested and individually packaged;
 - 出廠前 100% 測試
- Area: America, South America and North America.
 - 適用地區：美洲和美屬國家地區。

AFNOR gas outlet 法式終端



旋式插入設計，徹底防漏；

·Metal upper cover、middle cover, Anti-dust damage;

外蓋可防塵，最大限度地保護；

·ISO32 international medical gas color standard;

ISO32 國際顏色識別標準；

·Commonly French standard AFNOR kinds of medical gas outlet.

適用地區：非洲和法屬國家地區。

·The material of the main party is cooper alloy, with the good producing;

精銅製成，工藝一流；

·wall and bedhead unit kind are available;

可提供牆式和設備帶式兩種規格；

·Rotational bayonet Shape design ,avoiding dropping;

Oxygen Regulator 氧氣流量計



BF-FL01



BF-FL02



BF-FL03



BF-FL04



BF-FL05



BF-FL06



BF-FL07



BF-FL08

浮标式氧气吸入器 (连接气瓶)

型号 Type	介质 Medium	流量范围 Metering range (L/min)	准确度 Accuracy	入口压力 Entrance Pressure(MPa)	出口压力 Exit Pressure(MPa)	入口连接螺纹 Entrance connection screw thread	输出连接螺纹 Output connection screw thread
BF-FL series	O ₂	1-10 1-15	4级 grade 4	15MPa	0.2-0.3MPa	G5/8-14-RH CGA540-RH G3/4-14-RH	8 mm

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插入式氧气吸入器WALL KIND FLOW METER

型号 Type	介质 Medium	流量范围 Metering range (L/min)	准确度 Accuracy	入口压力 Entrance Pressure(MPa)	插入式终端 Adapter	输出连接 Output Connection
BF-FLW series	O ₂	1-10 1-15	4级 grade 4	0.35 MPa	BS,DIN,AFNOR, DISS,OHMEDA, JAPAN & CHINA	8 mm

Suction Regulator and Jar 負壓吸引器和吸引瓶



BFSR01



BFSR02



BFSR04

- *meet different adapters.可匹配不同的插頭標準;
- *Double protect.雙級保護;
- *Big size double scale vacuum gauge.大尺寸雙級錶盤;
- *Quick bottle change design.快速更換瓶體設計;

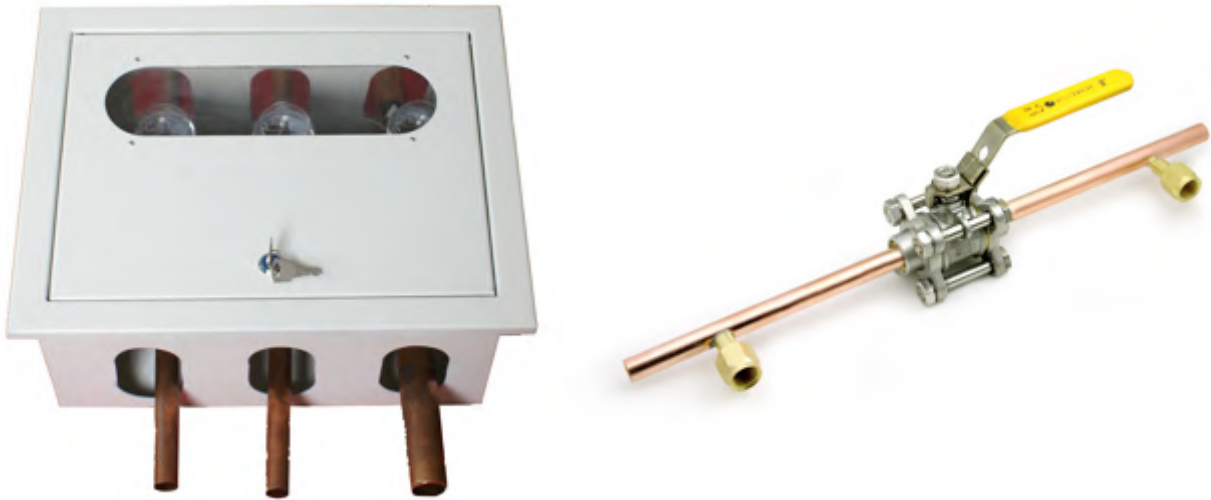
Suction Jar/負壓瓶



2000ml



1000ml



BFVB 系列 截止閥箱 Medical valve box

***made of high quality copper,zinc-plated steel or stainless steel;**

高檔鍍鋅板或者不鏽鋼製成;

Full-port and ball-type (double seal) valve with a cast Stainless steel

body and chrome- plated brass ball;

不鏽鋼球閥保證用氣更安全，使用更放心;

The seal is Teflon and can endure pressure of 600 psi (Vacuum service to 29" Hg);

特氟龍封口可承受 600PSI 壓力;

The valve is brazed,cleaned for oxygen service and pressure tested and

capped.Valves with locking brackets are available for most pipe sizes;

黃銅閥門，固定在插座里，適合大部分尺寸的銅管;

OEM service;

提供貼牌服務;

More than 7 kinds gases kinds available;

最多可設計多於 7 種氣體規格;

Copper pipeline size is customized.

銅管管道尺寸可接受定制服務。

Medical Gas Manifold/醫用匯流排

So far we can provide manual, automatic, LED display kind, to meet different requirement.



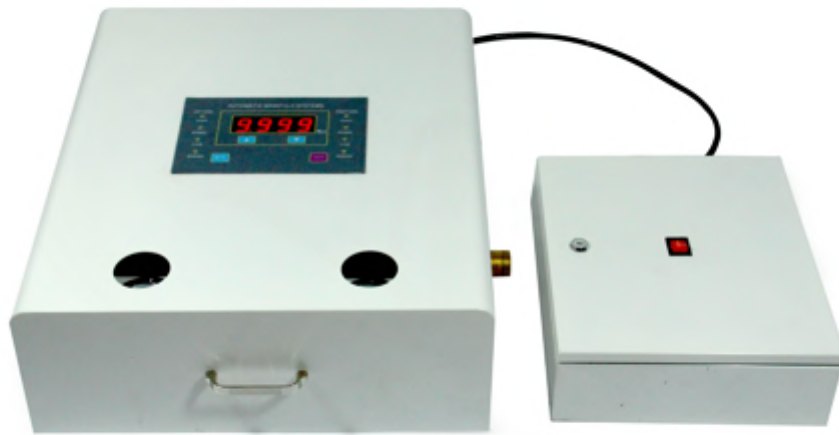
BF-MGM series Manual manifold/手動匯流排

- *Copper materials, with the decompression valve;
- *High quality electromagnetic valve and gauge;
- *Pass the pressurization testing, welded in silver, much safety and stable;
- *With the function of over-pressure drain;
- *Applicable gas: O₂, Air, CO₂, N₂ and N₂O etc;
- *Manual to control,
- *With alarm system when pressure is un-normal;



BF-MGM series Automatic manifold/自動匯流排

- *Rated Inlet Pressure: 15 Mpa;
- *Rated Outlet pressure: 0-1.6 Mpa;
- *Max output : 200m³/h;
- *Automatic Change-over Pressure: ≤0.5Mpa;
- *Empty bottle alarm pressure: ≤0.4 Mpa;
- *Inlet excess alarm pressure: adjustable, the original adjust pressure is 15.0MPa;
- *Outlet excess alarm pressure: adjustable, the original set value is 1.0 Mpa;
- *Outlet lack alarm pressure: adjustable, the original set value is 0.4 Mpa;
- *Alarm Signal: Visual and sound at the same time.



BF-MGM series Automatic manifold with LED Display/自動數顯匯流排

- *Closed box without interference;
- *Stainless steel diaphragm of reducer, better to control flow;
- *With alarm system and remote alarming;
- *Open design to meet requirements of expansion in future;
- *100% testing before release;
- *Input: 15Mpa, output: 50---200m³/h, 0.4-0.6Mpa;
- *Input/output signal: 4--20mA, 485bus communication.



Automatic manifold with LCD Display/自動數顯匯流排

- *brass diaphragm of reducer, better to control flow;
- *with alarm system and remote alarming;
- *open design to meet requirements of expansion in future;
- *100% testing before release;
- *input: 15Mpa, output: 200m³/h, 0.4-0.6Mpa;

Medical Gas Alarm System 醫用氣體報警箱

Now 4 kinds alarm system provided:



Mechanical Gas Alarm 機械式報警箱

- *With gauge and without gauge kinds.
- *分為兩種：一種帶壓力表，一種不帶壓力表；
- *At most 7gases available;
- *最多可設置 7 種常用氣體；
- *Stable performance, operation simply;
- *性能穩定，操作簡單；



Zone Alarm 區域報警箱

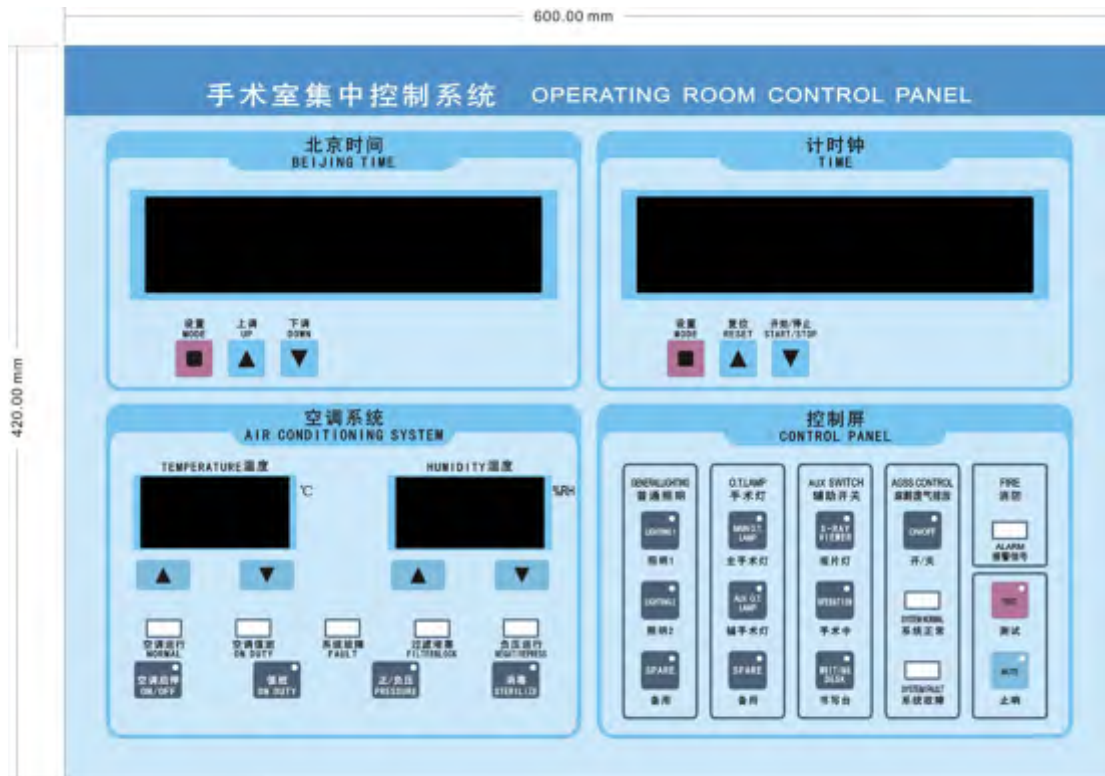
- *Simple but functional;
- *結構簡單，功能強大；
- *At most 7gases available;
- *最多可設置 7 種常用氣體；
- *Two kinds available: Mechanical and LED display;
- *提供機械式和數顯式兩種；



LED Gas Alarm System 數碼顯示式報警器

- *Consists of the rough-in assembly, annunciator module.
- *內置信號模塊，一體化設計；
- *Can expand to 6 gases.
- *最多可設置 6 種氣體；
- *Display modules indicators the pressure or vacuum value and audible and visual alarm signals .
- *顯示壓力指數，真空指數，聲光報警；
- *Three types pressure sensor.
- *內置三種壓力傳感器；
- *High-set point and low-set point value for alarm adjustable.
- *最高/最低報警壓力值可調。
- *Ideal environment temperature:10 °C ~40 °C
- *工作溫度： 10 °C ~40 °C
- *Relative humidity30%~85%(no dew)
- *相對濕度： 30%~85%

OR Information Control Panel 手術室控制面板



*English only display,can display the current time,timing,air conditioning system, lighting,operating,AGSS control,etc;

*英語顯示，可顯示當下時間、計時、空調、燈光、手術、以及廢氣排放等；

*Module is customized,operating time,anesthesia time,music,nurse call system, clock,gas outlet.....are available to combine freely;

模塊化設計，所有的配置都可按要求定制；

*Material:aluminum alloy and steel,

*材質：不鏽鋼或者鋁合金；

*Power:220V or 110V,with batter for current time display;

*電壓：220V 或者 110V，或者根據客戶要求定制，內置電池支持時間顯示；

*So far there are Quartet---Sexpartite kinds,and touch screen kind.

*目前可提供 4--6 個模塊的信號板，同時也可生產觸屏式信號控制板。

MOT 模塊化手術室



*The MOT included wall panel,ICU/OR pendant,OT,the laminar flow,writing table,HVAC,stainless cabinet,medical scrub sink,OR floor,wall cover,EPS Sandwich Panels,LED OR lamp etc.

*模塊化現代手術室層流天花、牆體、手術室空調機組、器械柜/麻醉柜、洗手池、地板、牆紙、淨化板、吊塔、手術床以及 LED 手術無影燈等；



Air shower room

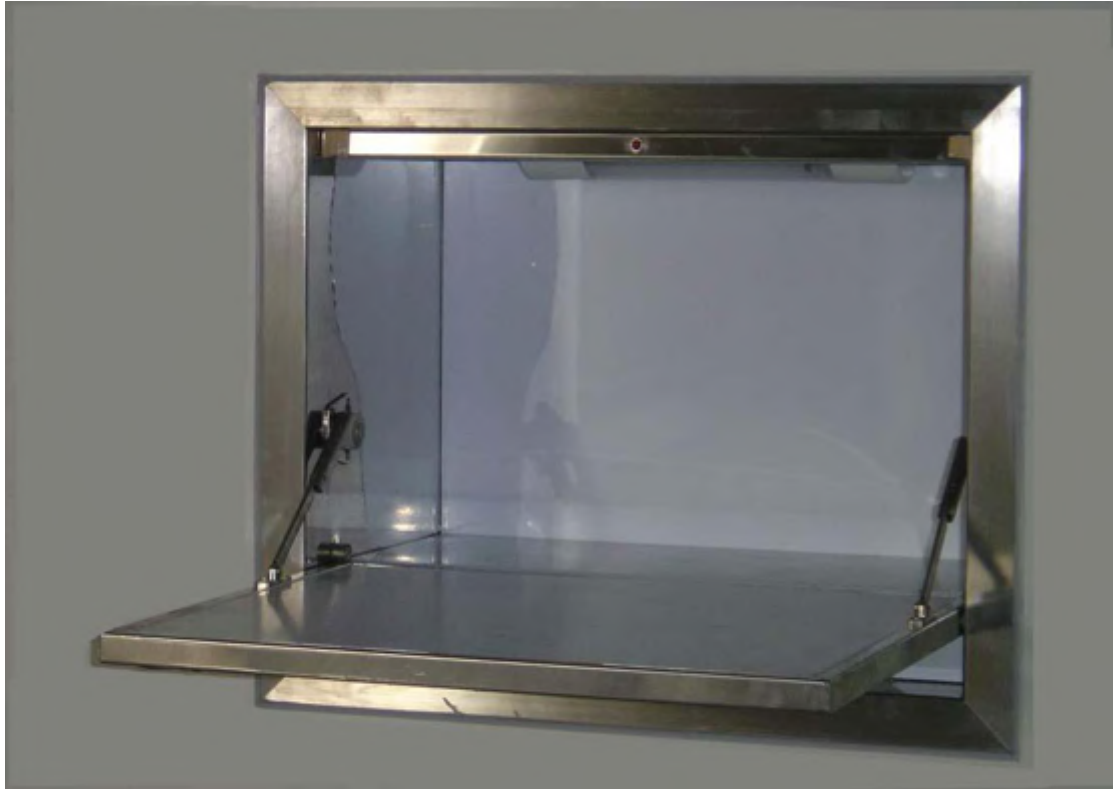
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MOT wall panel



Laminar flow



Writing stand



Scrub sink

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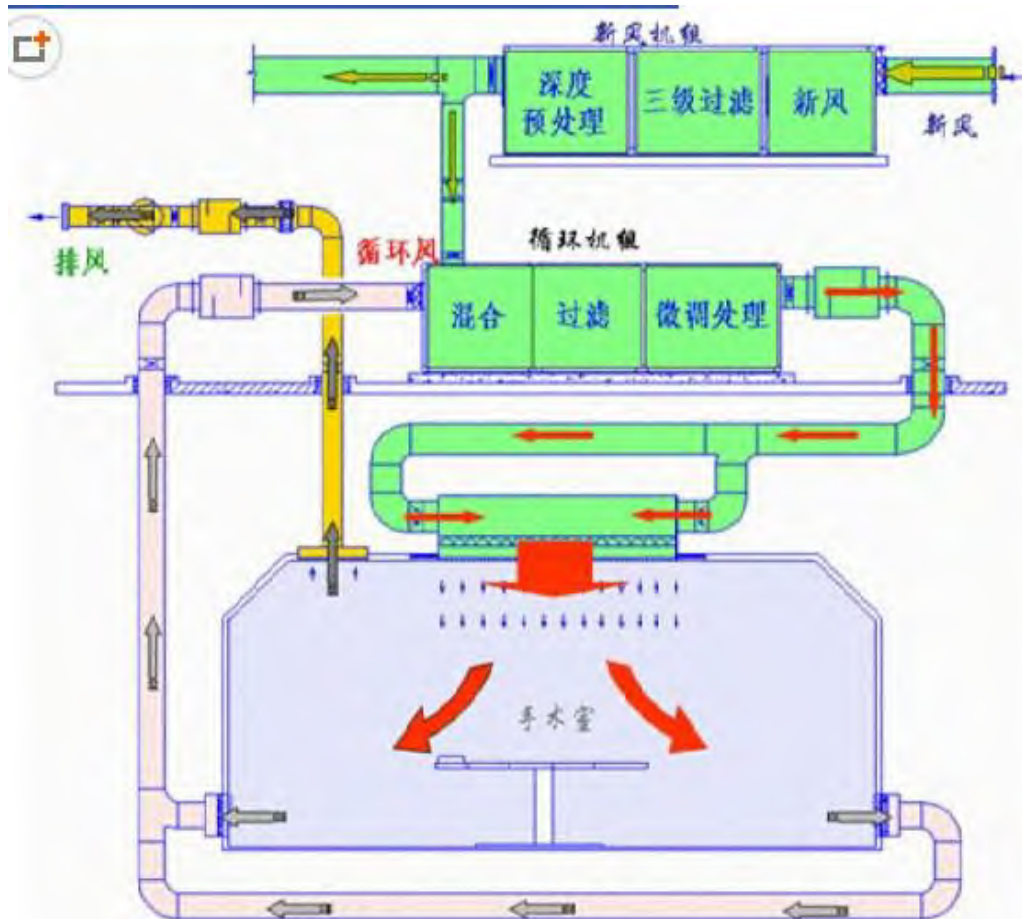


Pass box



Hermetic door

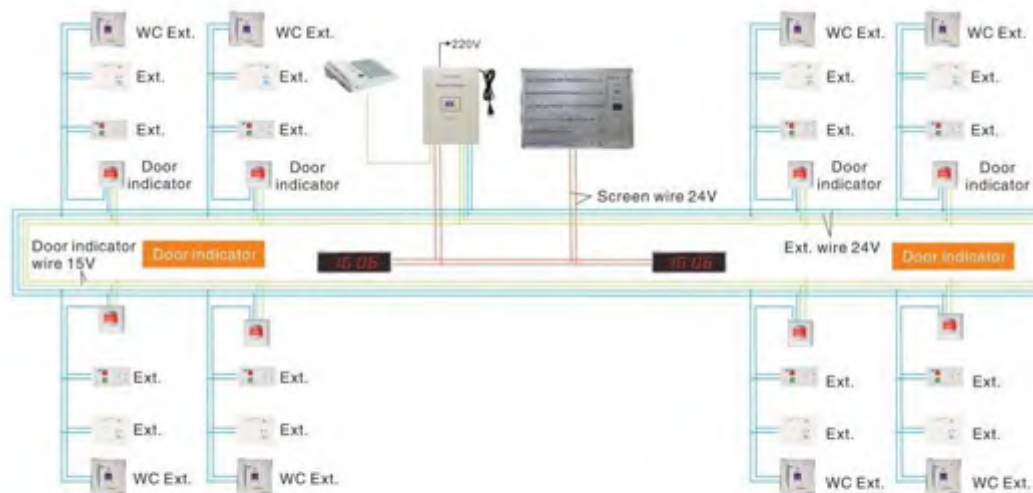
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Air flow system

- *so for we provide class I,class II,class III MOT,for different operating.
- *目前我們提供 I 級淨化, II 級淨化和 III 級淨化手術室, 對應不同的手術;
- *MOT is customized,included all equipment,from the material and products,
- *手術室所有的設備, 包括材料和其他設備, 都是可以定制的, 滿足客戶的個性化需求;
- *installed easily,green materials,any air pollution;
- *模塊化手術室安裝簡單, 材料環保, 不產生任何空氣污染;
- *Blackfish can provide the OR design and installation also.to arrange the workers abroad;
- *同時我們也提供手術室的設計和安裝工程工作, 可以委派工人去國外施工安裝;

Nurse Call System 護士呼叫系統



Wiring Diagram for BF Series Medical Calling System (with door indicator)
Requirements for cables and wires: RVV2*0.75

BF928 Nurse call system BF928 型呼叫系統

*Consist of master station,call extension,corridor display panel,emergency call,door lamp and patient's information;

*本系統由主機、分機、緊急呼叫、走廊顯示屏、門燈以及病人信息板構成;

*Manage 60pcs calling extension;

*管理 60 門呼叫分機;

*Function of talking,calling,canceling on extension;

*具有呼叫、通話、取消呼叫/通話功能;

*With management software,print,record,statistics,work with windows7,8xp.

自帶管理軟件，可打印、記錄、統計所有的呼叫信息。

*Function of intensive care priority: host could be set a several extensions with intensive care priority. When many extensions call, the extension with intensive care priority could prior to others.

*可設置優先呼叫號碼，當有很多呼叫一起呼進時，該號碼可優先被響應。

*Power: 220V/110V/50Hz.

*電壓： 220V/110V/50Hz.

Medical Vacuum Pump System&Air Plant

醫用真空泵機組和空氣站



*Consist of pump,gas tank,filter,control box etc;

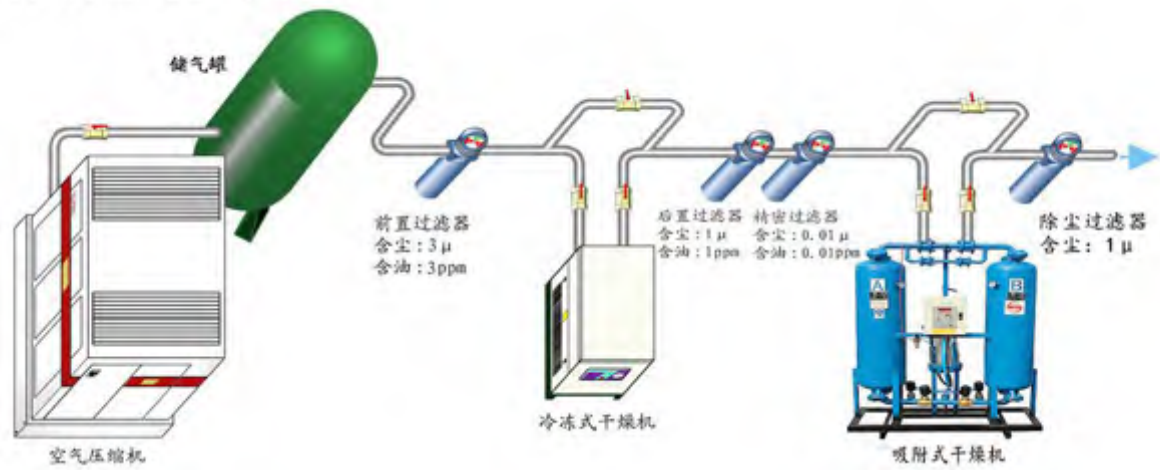
*由泵組、儲氣罐、過濾器、以及控制箱構成;

*Use vacuum pump oil of 100# or 68#;

*使用專門的 100 號或 68 號潤滑油;

Model	Pumping Rate (m3/h)	Ultimate vacuum (Pa)	Power (Kw)	Dia of inlet (In)	Oil capacity (L)	Speed (rpm)
BF-XD40	40.00	50.00	1.50	G1 1/4	1.50	1,440.00
BF-XD63	63.00	50.00	1.50	G1 1/4	2.00	1,440.00
BF-XD100	100.00	50.00	3.00	G1 1/4	2.00	1,440.00
BF-XD160	160.00	50.00	4.00	G2	7.00	1,440.00
BF-XD202	202.00	50.00	4.00	G2	7.00	1,440.00
BF-XD250	250.00	50.00	7.50	G2	8.00	1,440.00
BF-XD302	302.00	50.00	7.50	G2	8.00	1,440.00

典型高质压缩空气系统图



- *Air Plant made of the oil free compressor,filter,Refrigerated dryer,gas tank;
- *空氣站由無油空壓機、過濾器、乾燥機和儲氣罐構成;
- *cooperate with famous air compressor supplier,to provide pure air for you;
- *與著名空壓機廠商合作，致力於提供最清潔的空氣給您;
- *More than 10 years experience,efficient,professional,perfect solutions for you.
- *10 多年的生產銷售經驗，為您提供高效、專業、完美的解決方案。
- *PSA hospital oxygen plant system.
- *同時我們也提供醫用氧氣站的相關產品和安裝。

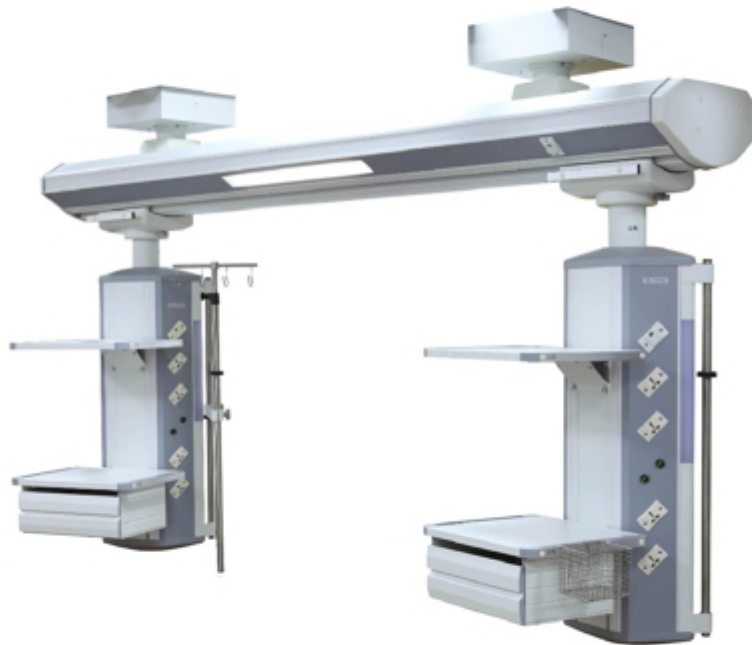
ICU/OR Pendant 手術室吊塔



Single arm surgical pendant



double arms surgical pendant



ICU bridge system

Blackfish Industries (Shanghai) Co., Limited

Dealer/Agency:

Blackfish Industries (Shanghai) Co., Limited

玄魚工業TM
Blackfish

Tel: 86 21 6172 5857

Fax: 86 21 3325 0926

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