



JD Auspice Co., Ltd.



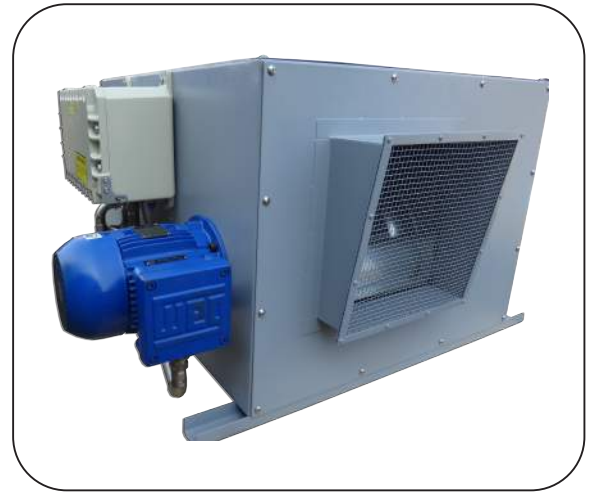
氣冷防爆型冷氣機

explosion proof air conditioners

氣冷防爆型冷氣機 explosion proof air conditioners JDA Airtronic Ex air conditioners



室內機 (參考圖)
Indoor exhaust unit
(split type, picture for reference only)



室外機 (參考圖)
Indoor exhaust unit
(split type, picture for reference only)



適用範圍scope of application

- ☑ 油槽區域、易燃塗料區、易爆性粉塵區等冷卻。
Air-conditioning or cooling demand for hazardous zone at oil tank area, flammable paint area, explosive dusty area
- ☑ 油輪、瓦斯船、碳氫化學船等降溫，冷氣需求。
Air-conditioning demand for oil vessel, gas vessel, and other hydrocarbon chemical vessel.
- ☑ 易燃固體輸送帶、分篩設備及易燃性蒸氣工作區，冷卻降溫需求。
Air-conditioning or cooling demand for flammable solids conveyor, sub-screen equipment and flammable vapors area.
- ☑ 防爆區域冷氣空調需求及電盤冷卻需求。
Air-conditioning or cooling demand for hazardous areas and control cabinet.

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設計條件 design criteria	
電源Power supply	3Φ×380V×50/60HZ (3Φ×220V×60HZ) (optional)
冷卻能力Cooling capacity	14000 Kcal/HR (55580 BTU/HR)
控制電源Power supply for control	1Φ208~220V 50/60Hz
壓縮機compressor	冷媒Refrigerant : R-410A 壓縮機compressor : Open-Type
壓縮機傳動馬達Compressor driving motor	3Φ×380V 50/60Hz×5HP 耐壓防爆型(zone 1, D2G4)
冷凝風車馬達refrigerant fan motor	3Φ×380V 50/60Hz×1HP 耐壓防爆型(zone 1, D2G4)
冷風機風車馬達air cooling fan motor	3Φ×380V×1HP 耐壓防爆型(zone 1, D2G4)
冷媒膨脹閥Refrigerant expansion valve	外部均壓型 thermostatic expansion valve
動力電盤箱Control station	耐壓防爆等級D2G4, Division 1
室外機冷媒關斷閥 Outdoor unit refrigerant shut off valve	高壓端1/2", 低壓端5/8" High pressure side 1/2", low pressure side 5/8"
驅動driving	直接耦合direct coupling
風葉propeller	玻璃纖維GRP steel, plastic
溫控顯示器 Temperature indicating controller	electronic
使用環境溫度 Ambient temperature	依設計指定to be specified
室外機外型尺寸 Outdoor unit dimension ^{1(for reference only)}	寬W×深D×高H : approx. 96×98×88cm ^{1(for reference only)} 重量weight : approx. 186KG
室內機外型尺寸 Indoor unit dimension ^{1(for reference only)}	寬W×深D×高H : approx. 92×81×69cm ^{1(for reference only)} 重量weight : approx. 102KG
certificate	motor: EEx d II B T4, CESI ATEX. Control station: EEx d II B T4 TIC: EEx ia IIC T6

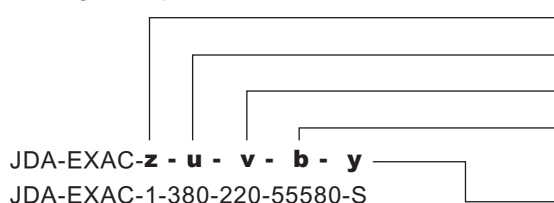
1:for reference only

Note:Subject to change without any notice

JDA: JDA Airtronic Ex air conditioners

EXAC: stand for explosion proof air conditioner

Coding example:



z: stand for hazardous zone, 1, 2

u: stand for operating voltage, 3 phase 220V, 3 phase 380V, or customer specify

v: stand for control voltage, 110V, 220V

b: stand for cooling capacity BTU, 12000=1ton, 36000=3ton, 55580=4.63ton, 120000=10ton

y: stand for unit design S or I, S=split, I= integral