



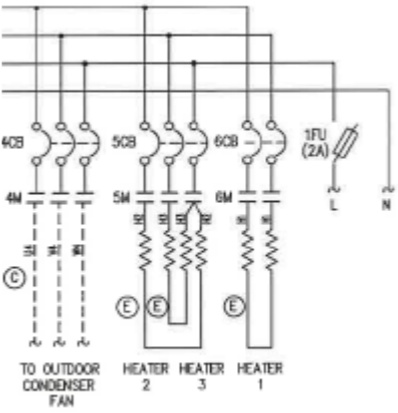
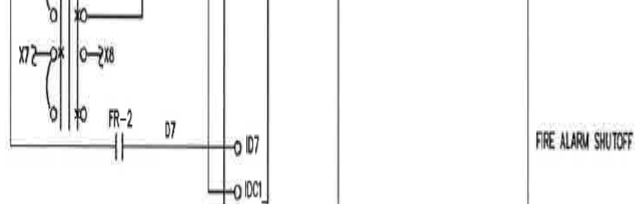









Visiontec Vs X Brand Precision Air-Cond. System

m	Description	Visiontec Precision Air-Conditioner	Photo/Illustration to show features	X brand units	Photo/Illustration to show features	Remarks
1	Country of Manufacturer	Product Design is Local Developed and unit locally made in Malaysia		Imported		Have local support R & D and to support more on local product. Include functional and safety protection system and run test free of charge. As 4G1 is government project, using local product is supporting government initiative to go local and increase local economy activities and create more local jobs.
2	Panel Construction	Double-skinned		Single-skinned		Double skinned will give better insulation erosion control and reduce noise. It will help to reduce air pollution and insulation will not peel off at all
3	Aluminium Fin Material	Hydrophilic Coated corrugated aluminium Fin for both indoor and outdoor units		Normal aluminium Fin		Hydrophilic coating improve condensate removal and is more corrosion resistance suitable for tropical whether (The coating is normally used for seaside application as it is better against corrosive seaside breeze) especially outdoor application.

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4	Drain Pan	Stainless Steel drain pan		Galvanised drain pan		Stainless Steel is more lasting and corrosion resistance. Stainless steel cannot rust easily.
5	Condenser fan construction	Tooth-edge aerated blade profile design. (for		Std condenser fan		Tooth-edge aerated blade profile improve flow performance and reduce noise substantially
6	Heater for RH control	3-stage design for all sizes		1 or 2 stage design		3-stage heater will give accurate temp and RH control as 2 stage may not be so flexible.
7	Fire Mode Operation	LCD display is intact showing equipment tripping and subsequent alarm when receive fire signal from fire alarm system		LCD display goes blank during fire mode.		It is important to show alarm status for latter diagnostic upon fire mode operation

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8	Digital Refrigerant Pressure monitored	Monitoring and setting of refrigerant pressure at LCD display			Not available		No need to physically measure the gas pressure near the compressor. The suction and discharge pressure value can be monitored/ read at LCD display and also adjust compressor high and low trip setting at LCD. Extremely maintenance friendly.
8	Digital Refrigerant Pressure Setting	setting of refrigerant pressure at LCD display			Setting is at manual switch which is not service friendly		No need to physically measure the gas pressure near the compressor. The suction and discharge pressure value can be monitored/ read at LCD display and also adjust compressor high and low trip setting at LCD. Extremely maintenance friendly.
9.	Hot gas Bypass	Hot gas bypass as std to allow unit to run from lowest load to maximum load wiout low suction pressure cutout or icing		Not provided		Potential icing or low pressure cutout during low load especially initial installation without hot gas bypass	
10	Crakcase Heater	Crakcase Heater is provided as std.		Not provided		Crankcase heater is activated when unit compressor is off to protect compressor liquid flooded startup to prolong the compressor life	

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11	BMS and fire alarm interface	Provided BMS/local and 24V DC fire relay and Modbus as std		Not provided		Provision of std BMS/fire interface save customer cost to integrate with DCIM/EMSBMS/Fire alarm
12	Power supply	Power supply for the whole units is to indoor only		Split power supply for indoor and outdoor		As only single power source is required, Visiontec is easier for installer and maintenance as less incoming power wiring is required.