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acpac Installation Instruction – Mid Range Twin Fan

Safety

Unit is delivered with a holding charge of dry nitrogen therefore care must be taken to relieve the pressure in a safe and responsible manner. Appropriate safety gear must be worn at all times.

Transport Damage

Unit must be inspected for damage prior to installation. Any damage must be reported to the supplier before installation commences.

Good Refrigeration Practice

Good refrigeration practice must be followed when installing this unit. The internal components of the system must be kept clean and free from moisture at all times.

Electrical Connection Checks

Electrical connections can loosen during transport therefore all electrical connections must be checked and tightened to ensure safe operation of the unit.

Commissioning

Dry nitrogen should be used when soldering pipe work to ensure the system remains clean.

The system should be leak tested prior to evacuation. The entire refrigeration system must be evacuated to ensure moisture levels are within the limits recommended by the compressor manufacturer.

Ensure service valves are not front seated before starting unit.

All safety controls must be set and tested.

The system must be run tested and superheat set correctly.

The following should be checked and adjusted if required : voltages, amperages, oil level, pressures and temperatures.

After unit has been operating for one week a further leak test and checks of voltage, amperage, oil level, pressures and temperatures should be performed.

Fan Switch Operation


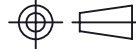
The HP Fan Cycle switch fitted to this unit will cycle one fan ON and OFF to maintain the discharge pressure. This switch is adjustable.

White colour

Model	Unit Maximum Operating Current	Compressor Maximum Operating Current	Fan Maximum Operating Current	Circuit Breaker "C" Curve	Control Circuit Breaker	Contactors kW Rating	Overload Setting
Medium Temperature Models							
AP5.7M2-4	8.8	8.2	2 x 0.3	20	10	12	
AP7.8M2-4	10.4	9.8	2 x 0.3	25	10	12	
AP8.8M2-4	13.16	12.0	2 x 0.58	25	10	12	
AP10.7M2-4	15.16	14.0	2 x 0.58	32	10	12	
AP13.1M2-4	19.16	18.0	2 x 0.58	40	10	12	
Low Temperature Models							
AP3.3L2-4	5.6	5.0	2 x 0.3	20	10	12	
AP4.8L2-4	10.4	9.8	2 x 0.3	20	10	12	
AP6.2L2-4	15.16	14.0	2 x 0.58	25	10	12	

Actrol reserves the right to change specifications without notice

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							Model	Medium Range Twin Fan ACPAC	Drawn	Rudy
3	C	Change data.	05/05/17	rudy	Ubai	Sham	Description	Sticker – Installations	Checked	HL Gan
2	B	Change model.	06/04/11	rudy	Liew	Sham	Drawing No.	7684130	Approved	Sham
1	A	Change data	17/06/09	rudy	Soh	Sham	Date	03/07/2006	Index	C
No.	Ind	Modification	Date	Drawn	Checked	Approved	 TECUMSEH EURO-MALAYSIA SDN BHD			