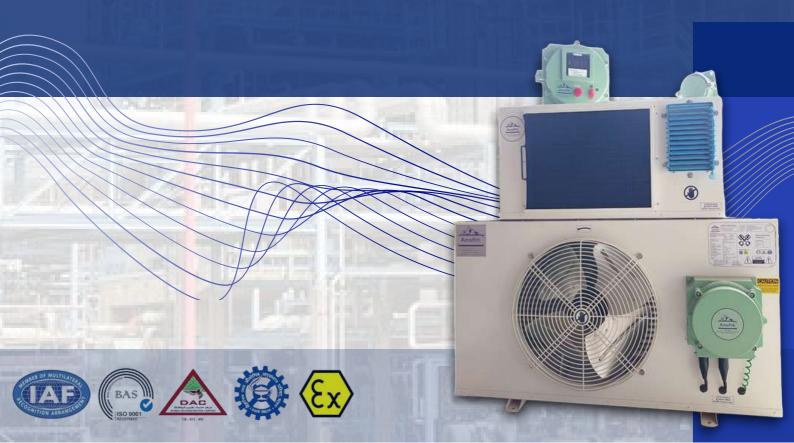
2023



Flameproof AC and Refrigeration Units





TRUELY EXPLOSION PROOF

The most Efficient Explosion proof / FLP refrigeration system with durability unmatched.

Atmospheres: Gas Group IIA, IIB and IIC,

Zone [1, 2, 21, 22] Temp Class T6 Upto IP68

CIMFR No: IN/CIMFR/TR20/2895
With all Valid TR and Certification



Exclusive Safety Protection to prevent Accidents and Breakdowns



High Pressure Low PressureSafety Swicthes



Overload
OLTR (amps)
Safety Swicthes



Liquid Injector To maintain T6 Temp Class



Single Phasing & Reverse Phasing Protection
SPPR Switch



Alluminium Fan & Impeller Spark Less and Rust free Propellors

COMPREHENSIVE PRODUCT: 1



Axial Fan Type Split Units [AMFC18R1SA to AMFC420S3SA]

For Hazardous Material Storage and Ailed Application

- Robust Filter less model Which avoids accumulation of any foreign particles on heat exchangers
- SS 304 / SS 316 IDU Cabinet Construction
- Précised Difference of 1°c
- GI Powder Coated Outer Body [Condensing Unit]
- Alarm and Sequential timer Features
- Air Cooled / Water-cooled optional models
- Independent JB for Outdoor and Indoor for Ease of installation and maintenance
- Microprocessor based Temperature Controller with R\$485 Communication port.
- Capacity From 2tr to 17.5tr







- With no Copper tube, Cable, Drain pipe Visible in the room.
- Comes with a remote control to operate the units without any hustle
- A manual / Automatic grill swing option avaible
- Filter of 5 / 10 microns, with SS Frame and Nylon mesh
- Backward Curved Centrifugal blower for silent operations
- Epoxy powder coat Body | Copper tube Copper Fins Model for Marine and offshores application
- Capacity: 1tr to 3tr
- Reciprocating hermetic Compressor with POE Oil.



FLP Window AC with Cabinet [AMFC12R1WB to AMFC36S3WB]

For human Occupancy and Plant operating Offices

- Plug and Play type model
- Dual Blower Motor and Independent Housing for the dedicated Speed and Airflow
- FR Grade air filter and grill
- Easy to Install on a rigid Folding Bracket
- Capacity: ltr to 3tr



COMPREHENSIVE PRODUCT: 2



Chilled Water Fan Coil Unit [AMFC24-120/CW1/3S]

FLP FCU Capacity: 2tr to 15tr

- Robust Filter less model & SS 304 IDU Cabinet Construction.
- With Microprocessor Digital Controller that operates FLP Solenoid valve to regulate Chilled Water Flow.
- Copper tube Alluminium Fin, Copper Tube Copper Fins, SS304 tube and SS304
 Fins Heat exchanger for multiple fluids and Atmosphere Conditions
- Comes with a Inbuilt Strainer to avoid blockage in coils and distributors.
- Heavy gauge tubes to avoid frequent leakages due to pollute processed chilled water.
- An optional Additional FLP pump to boost the flow.





2tr to 17.5tr FLP Split Type Condensing Unit [AMFC24-420/R/S3CDU]

- Compatible with AHU, Fan coil Unit, DX Type Ductable Unit or Any other Evaporators
- With Low Speed 15" to 24" Condensing Axial Fan lateral flow for better heat liberation and efficient Performance
- With Independent FLP Control Panel and Independent RTD Sensor port.
- GI Powder Coated Outer Body / SS304 Cabinet
- A Perfect Solution for HVAC Project in Hazardous Zones
- Easy to Install with Flare type 3way Service Valve [Suction and liquid] along with the Capillary design
- Capacity: 2tr to 20tr

Semi / Partial FLP Split Type AC AMFC12-36/R/S3PS

- Either Indoor Unit or Outdoor unit lies in the non hazardous zone, we have the Non FLP Units respectively to minimize the inventory and installation cost.
- With FLP Outdoor and non FLP Domestic type Indoor unit,
 One can have a fancy decent look in the office with all functions non compromised.
- With the option of Split type, Cassette,
 Ductable type IDU with Flameproof Outdoor Unit
 can just simplify all HVAC Needs.



Serial Number	Туре	Refrigeration Capacity [BTU/hr]	Power Input	Amps [220v / 440v] Max	CFM [IDU /CDU]	Fan [IDU / CDU]	Compressor	Refrigerant [R134a] optional
AMFC18R1/3S	Split Type [Axial]	[1.5tr] 18,000	2.1 kw/hr [220v/440v]	9.3 / 2.8	500 / 650	12" / 15"	Reciprocating	R407c / R134a
AMFC18R1/3B	Split Type [Blower]	[1.5tr] 18,000	2.2 kw/hr [220v/440v]	9.2 / 2.9	480 / 650	8/4" / 15"	Reciprocating	R407c / R134a
AMFC18R1/3W	Window	[1.5tr] 18,000	2.0 kw/hr [220v/440v]	9.5 / 2.8	450 / 650	8/4" / 15"	Reciprocating	R407c / R134a
AMFC24R1/3S	Split Type [Axial]	[2tr] 24,000	3.2 kw/hr [220v/440v]	11.8 / 3.9	650 / 900	15" / 18"	Reciprocating	R407c / R134a
AMFC24R1/3B	Split Type [Blower]	[2tr] 24,000	3.3 kw/hr [220v/440v]	11.8 / 4.0	620 / 900	10/4" / 18"	Reciprocating	R407c / R134a
AMFC24R1/3W	Window	[2tr] 24,000	3.0 kw/hr [220v/440v]	11.8 / 3.9	610 / 900	10/4" / 18"	Reciprocating	R407c / R134a
AMFC36R3S	Split Type [Axial]	[3tr] 36,000	4.4 kw/hr [440v]	/ 6.2	950 / 1050	15" / 18"	Reciprocating	R407c / R134a
AMFC60S3S	Split Type [Axial]	[5tr] 60,000	6.6 kw/hr [440v]	/ 11.5	1700 /2400	15" x 2 / 24"	Scroll	R407c / R134a

Notes:







































































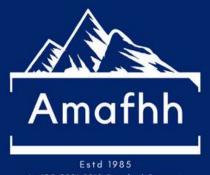












LET'S WORK TOGETHER

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