

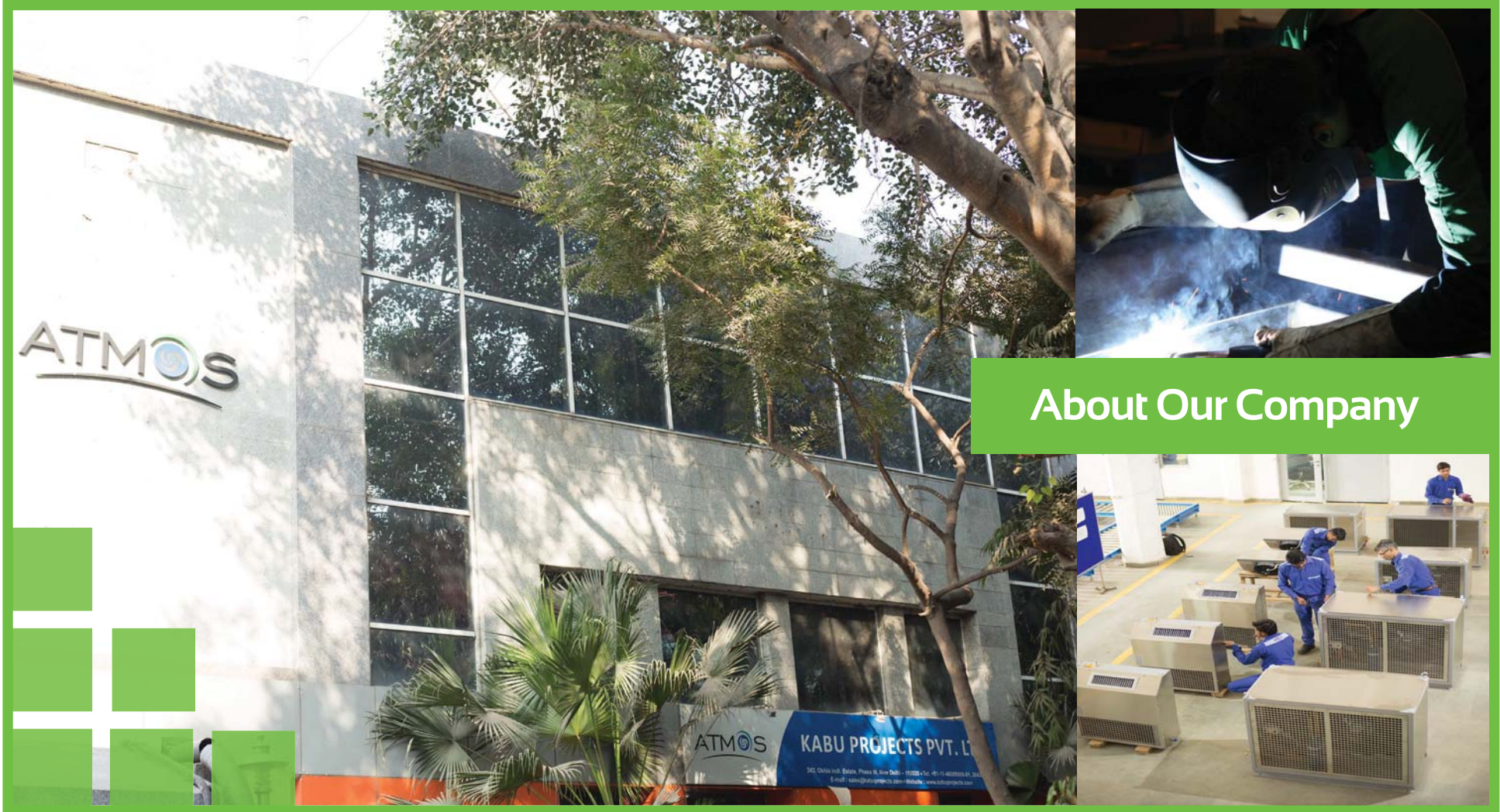


ATMOS

Cooling Confidence - Delivered

www.kabuprojects.com





About Our Company

Kabu Projects is an Indian conglomerate headquartered in New Delhi, India. It was founded in 1982 and gained international recognition with its brand “ATMOS” which specializes in the field of Special Purpose Air Conditioning & Refrigeration. The company is well recognized as the most trusted and reliable brand in Steel Plants, heavy equipment manufacturing and metal & non ferrous processing plants.

We provide complete turn-key solutions in the field of Air-conditioning from Design, Manufacture and Supply to Installation, Commissioning, After-Sales-Service & Maintenance contracts; our objective is to provide end to end solutions to our customers.

The organization is managed by highly qualified, experienced and technically qualified professionals who strive to provide high quality products and services at competitive prices. Our mission remains to be the preferred supplier to our valued customers and focus on growth in domestic and international markets.

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A large industrial crane is lifting a glowing molten metal ladle in a steel mill. The ladle is suspended by thick cables and is emitting a bright orange and yellow glow from the molten metal inside. The background shows the complex structure of the mill with various levels, walkways, and industrial equipment.

METAL & NON FERROUS METAL PROCESSING

🌀 Steel Melt Shop (SMS)

🌀 Hot Strip Mill (HSM)

🌀 Plate Mill (PM)

🌀 Raw Material Handling & Storage (RMHS)

🌀 Anode Baking Furnace (ABF)

🌀 Pot Rooms

🌀 Overhead EOT Cranes, PTM & FTA Machines

🌀 Lead & Manganese Smelter Cranes

🌀 High Temperature workshops & Pulpit Rooms

ATMOS CRANE AIR CONDITIONERS FOR SMS APPLICATION

The steel melting shop is one of the most integral parts of the steel making process where the electric arc furnace temperature can rise upto 1800 Deg. Celcius. High ambient temperatures, severe dust level and heavy vibration are experienced on all equipment operating on an EOT/Automated processing crane. These are the core focus areas applied to the ATMOS SMS series units.

In order to maintain minimal or no downtime during steel production, it is imperative to reduce any equipment failure and eliminate any expensive maintenance procedures. ATMOS SMS series units are designed, manufactured and tested at our factory in New Delhi, India to ensure optimal temperature for the crane electronics and cooling comfort for the cabin operator is maintained.. Each unit is tailor made and our In-house testing laboratory capable of recreating similar conditions of an Industrial Plant ensure that only those units are quality passed which can withstand the severe environment of a Steel Melting Shop or a Smelter.

SPECIAL DESIGN FEATURES ATMOS SMS SERIES

ROBUST FRAME: The Frame is made of 3-5mm Cold Rolled MS sheet, which is later epoxy powder coated to increase the durability of the structure.

'ATMOS PROTECT' SPECIAL COATED HEAT EXCHANGERS: Evaporator and condenser coils are coated by 'ATMOS PROTECT' special coating as per demand to withstand heavy corrosive impact from the gases and dust in a steel melting shop environment. Copper or Aluminium fins with coating are provided depending upon site conditions.

HEAT EXCHANGER FIN SPACING: To ensure proper efficient heat transfer & to avoid dust clogging, our experienced designers have selected fin spacing for evaporator units in the range of 2.5-2.8 mm and condenser units in the range of 2.8-3.2mm.

SILVER BRAZING ON THE JOINTS: To increase the durability of the joints under different mechanical stresses, vibrations & high ambient temperatures, strong joints ensure the chances of leakage are minimized.

INTERCONNECTING PIPELINE: Special type insulated copper flexible rubber hose kit used for interconnecting Indoor and Outdoor units are used to withstand heavy vibration.

DE-DUSTING: Automatic de-dusting mechanism thru PLC or manual selection heavily reduce repeated maintenance.

CONDENSATE EVAPORATOR: Useful in areas where condensate from the evaporator cannot be drained in the form of water during operation.

TRIP PROTECTION & REMOTE MONITORING: Protection against phase lag, phase dislocation, motor loading & high / low pressure conditions. Optional output terminals are provide for future remote monitoring & control.

UNIT MODEL	COOLING CAPACITY (KW)*	AIRFLOW RATE (M3/hr.)	DIMENSIONS (L x W x H)		WEIGHT (Kg)
STAND-ALONE UNITS(COMPACT)					
PF1	2.5	650	505 X 565 X 1075		120
PF2	4	900	600 X 650 X 1535		135
PF3	6	1300	600 X 650 X 1560		210
SAFF - 40	4	1200	635 X 435 X 1545		150
SABB - 40	4	1000	1065 X 630 X 1195		140
SAST - 60	6	1100	1050 X 600 X 1080		205
SAST - 80	8	1800	1365 X 620 X 1615		290
SATT - 60	6	900	920 X 620 X 1335		180
SATT - 80	8	1700	1320 X 600 X 1580		354
SATT - 120	12	2200	1510 X 760 X 2200		550
SPLIT-TYPE(FLOOR MOUNTED)			EVAPORATOR	CONDENSER	
STFM - 40	4	800	500 X 330 X 1280	1280 X 330 X 500	70+130
STFM - 60	6	1200	1150 X 905 X 600	610 X 1235 X 325	80+220
STFM - 80	8	1750	620 X 385 X 1550	1250 X 660 X 970	130+250
STFM - 120	12	2400	1510 X 780 X 1215	755 X 410 X 1680	150+290
STFM - 180	18	2 X 1950	620 X 380 X 1245	2390 X 990 X 1345	236+850
STFM - 240	24	2 X 2400	1510 X 780 X 1215	1700 X 900 X 1655	300+850
SPLIT TYPE(WALL MOUNTED)					
STWM-40	4	800	705 X 345 X 680	1050 X 610 X 810	70+130
STWM-60	6	1500	825 X 315 X 855	1150 X 600 X 905	85+220
STWM-80	8	2 X 800	705 X 345 X 680	1250 X 660 X 970	140+250
STWM-120	12	2 X 1500	825 X 315 X 855	1510 X 780 X 1215	170+290
SPLIT TYPE(CEILING MOUNTED)					
STCM-40	4	1200	680 X 570 X 285	1050 X 610 X 810	45+140
STCM-60	6	1300	835 X 620 X 310	1150 X 600 X 915	55+170
STCM-80	8	2 X 1200	680 X 570 X 285	1250 X 660 X 970	90+250
STCM-120	12	2 X 1300	835 X 620 X 310	1510 X 780 X 1215	110+290


WORLD CLASS COMPONENTS: We use only world class standard components for our units like COPELAND, BITZER, SIMEENS, DANFOSS and ZIEHL ABEGG which give our units quality and durability assurance.

WIDE RANGE OF REFRIGERANT SELECTION: Based on the ambient temperature we provide units based on different refrigerants like R134a, R227ea and R124.

* Cooling Capacity (KW) is based upon Refrigerant R-134a, with outside ambient temperature of 55°C inside room /Cabin temperature of 27°C



COKE OVEN

 Pusher Car

 Quenching Car

 Guide Car

 Transfer Car

 Hydraulic Room

ATMOS AIR CONDITIONERS FOR COKE OVEN APPLICATION

A coke oven is a device used to produce coke, a product that is derived from coal. The mixing and heating of bituminous coal at temperatures ranging from around 1832° to 3632°F (1000° to 2,000°C) within the airless oven yields the coke byproduct. This device is a crucial part of the coke making process. High ambient temperature, significant dust levels, heavy vibration in Coke Oven Equipments such as pusher, charging, quenching, guide cars etc., and highly corrosive conditions due to ammonia, sulfide and sulfuric acids in the atmosphere are the focus areas while designing any equipment to operate trouble free in this area.

In order to maintain minimal or no downtime during production of coke, it is imperative to reduce any equipment failure and eliminate any expensive maintenance procedures. ATMOS Coke Oven series units are designed, manufactured and tested at our factory in New Delhi, India to ensure optimal temperature for the equipment electronics and cooling comfort for the cabin operator is maintained.. Each unit is tailor made and our In-house testing laboratory capable of recreating similar conditions of an Industrial Plant ensure that only those units are quality passed which can withstand the severe environment of a Coke Oven Area.

SPECIAL DESIGN FEATURES COKE OVEN SERIES

ROBUST FRAME: The Frame is made of 3-5mm Cold Rolled MS sheet, which is later epoxy powder coated to increase the durability of the structure. Completely SS units are also available upon request

'ATMOS PROTECT' SPECIAL COATED HEAT EXCHANGERS: Evaporator and condenser coils are coated by 'ATMOS PROTECT' special coating as per demand to withstand heavy corrosive impact from the gases and dust in a steel melting shop environment. Copper or Aluminium fins with coating are provided depending upon site conditions.

HEAT EXCHANGER FIN SPACING: To ensure proper efficient heat transfer & to avoid dust clogging, our experienced designers have selected fin spacing for evaporator units in the range of 2.5-2.8 mm and condenser units in the range of 2.8-3.5mm.

SILVER BRAZING ON THE JOINTS: To increase the durability of the joints under different mechanical stresses, vibrations & high ambient temperatures, strong joints ensure the chances of leakage are minimized.

INTERCONNECTING PIPELINE: Special type insulated copper flexible rubber hose kit used for interconnecting Indoor and Outdoor units are used to withstand heavy vibration.

DE-DUSTING: Automatic de-dusting mechanism thru PLC or manual selection heavily reduce repeated maintenance.

CONDENSATE EVAPORATOR: Useful in areas where condensate from the evaporator cannot be drained in the form of water during operation.

TRIP PROTECTION & REMOTE MONITORING: Protection against phase lag, phase dislocation, motor loading & high / low pressure conditions. Optional output terminals are provide for future remote monitoring & control.

UNIT MODEL	COOLING CAPACITY (KW)*	AIRFLOW RATE (M3/hr.)	DIMENSIONS (L x W x H)	
STAND-ALONE UNITS(COMPACT)				
PF1	2.5	650	505 X 565 X 1075	120
PF2	4	900	600 X 650 X 1535	135
PF3	6	1300	600 X 650 X 1560	210
SAFF - 40	4	1200	635 X 435 X 1545	150
SABB - 40	4	1000	1065 X 630 X 1195	140
SAST - 60	6	1100	1050 X 600 X 1080	205
SAST - 80	8	1800	1365 X 620 X 1615	290
SATT - 60	6	900	920 X 620 X 1335	180
SATT - 80	8	1700	1320 X 600 X 1580	354
SATT - 120	12	2200	1510 X 760 X 2200	550
SPLIT-TYPE(FLOOR MOUNTED)			EVAPORATOR	CONDENSER
STFM - 40	4	800	500 X 330 X 1280	1280 X 330 X 500
STFM - 60	6	1200	1150 X 905 X 600	610 X 1235 X 325
STFM - 80	8	1750	620 X 385 X 1550	1250 X 660 X 970
STFM - 120	12	2400	1510 X 780 X 1215	755 X 410 X 1680
STFM - 180	18	2 X 1950	620 X 380 X 1245	2390 X 990 X 1345
STFM - 240	24	2 X 2400	1510 X 780 X 1215	1700 X 900 X 1655
SPLIT TYPE(WALL MOUNTED)				
STWM-40	4	800	705 X 345 X 680	1050 X 610 X 810
STWM-60	6	1500	825 X 315 X 855	1150 X 600 X 905
STWM-80	8	2 X 800	705 X 345 X 680	1250 X 660 X 970
STWM-120	12	2 X 1500	825 X 315 X 855	1510 X 780 X 1215
SPLIT TYPE(CEILING MOUNTED)				
STCM-40	4	1200	680 X 570 X 285	1050 X 610 X 810
STCM-60	6	1300	835 X 620 X 310	1150 X 600 X 915
STCM-80	8	2 X 1200	680 X 570 X 285	1250 X 660 X 970
STCM-120	12	2 X 1300	835 X 620 X 310	1510 X 780 X 1215
HIGH TEMPERATURE OIL CHILLER				
HTOC-82	8.2	46 L/min	1150 X 550 X 1500	

WORLD CLASS COMPONENTS: We use only world class standard components for our units like COPELAND, BITZER, SIMEENS, DANFOSS and ZIEHL ABEGG which give our units quality and durability assurance.

WIDE RANGE OF REFRIGERANT SELECTION: Based on the ambient temperature we provide units based on different refrigerants like R134a, R227ea and R124.


*Cooling Capacity (KW) is based upon Refrigerant R-134a, with outside ambient temperature of 55°C inside room /Cabin temperature of 27°C

PORT DUTY



 STS Cranes

 RTG Cranes

 Overhead EOT Cranes

ATMOS AIR CONDITIONERS FOR PORT APPLICATION

High ambient temperatures upto +60C in tropic and desert temperature zones due to high levels of sun radiation are a major factor to be considered to ensure non-stop functioning of Port Cranes. The electronics installed in the crane e-room or stand alone panels are very sensitive & inoperable at hot temperatures. Therefore, temperatures below +35C should be maintained inside the panels. The crane operator cabin also needs to be maintained at a comfortable room temperature of +23-25 Deg C to ensure continuous work. Secondly, high dust load & heavy vibration experienced in equipment installed in material handling cranes like RTGS (Rubber tyred gantry cranes), RMGS (Rail Mounted gantry cranes), Level ploughing Cranes and Tower Cranes cause much difficulty in maintenance of domestic air conditioners and electronics inside the Girder / E-room and Cabins. Finally, high corrosive conditions due to the saline content in the sea water are the core focus for many equipment manufactures associated with Port handling.

In order to maintain minimal or no downtime during picking, transferring & placing of containers from & on the ships, it is imperative to reduce any equipment failure and eliminate any expensive maintenance procedures. ATMOS Port Duty series units are designed, manufactured and tested at our factory in New Delhi, India to ensure optimal temperature for the equipment electronics and cooling comfort for the cabin operator is maintained. Each unit is tailor made and our In-house testing laboratory capable of recreating similar conditions of an Industrial Plant ensure that only those units are quality passed which can withstand such severe conditions.

SPECIAL DESIGN FEATURES PORT DUTY SERIES

ROBUST FRAME: The Frame is made of 3-5mm Cold Rolled MS sheet, which is later epoxy powder coated to increase the durability of the structure. Completely SS units are also available upon request

'ATMOS PROTECT' SPECIAL COATED HEAT EXCHANGERS: Evaporator and condenser coils are coated by 'ATMOS PROTECT' special coating as per demand to withstand heavy corrosive impact from the gases and dust in a steel melting shop environment. Copper or Aluminium fins with coating are provided depending upon site conditions.

HEAT EXCHANGER FIN SPACING: To ensure proper efficient heat transfer & to avoid dust clogging, our experienced designers have selected fin spacing for evaporator units in the range of 2.5 - 2.8mm and condenser units in the range of 2.8 - 3.2 mm.

SILVER BRAZING ON THE JOINTS: To increase the durability of the joints under different mechanical stresses, vibrations & high ambient temperatures, strong joints ensure the chances of leakage are minimized.

INTERCONNECTING PIPELINE: Special type insulated copper flexible rubber hose kit used for interconnecting Indoor and Outdoor units are used to withstand heavy vibration.

DE-DUSTING: Automatic de-dusting mechanism thru PLC or manual selection heavily reduce repeated maintenance.

CONDENSATE EVAPORATOR: Useful in areas where condensate from the evaporator cannot be drained in the form of water during operation.

TRIP PROTECTION & REMOTE MONITORING: Protection against phase lag, phase dislocation, motor loading & high / low pressure conditions. Optional output terminals are provide for future remote monitoring & control.

UNIT MODEL	COOLING CAPACITY (KW)*	AIRFLOW RATE (M3/hr.)	DIMENSIONS (L x W x H)		WEIGHT (Kg)
STAND-ALONE UNITS(COMPACT)					
SAFF-40	4	1200	635 X 435 X 1545		150
SPLIT TYPE(CEILING MOUNTED)			EVAPORATOR	CONDENSER	
STCM-40	4	1200	680 X 570 X 285	1050 X 610 X 810	45+140
STCM-60	6	1300	835 X 620 X 310	1150 X 600 X 915	55+170

WORLD CLASS COMPONENTS: We use only world class standard components for our units like COPELAND, BITZER, SIMEENS, DANFOSS and ZIEHL ABEGG which give our units quality and durability assurance.

WIDE RANGE OF REFRIGERANT SELECTION: Based on the ambient temperature we provide units based on different refrigerants like R134a, R227ea and R124.

* Cooling Capacity (KW) is based upon Refrigerant R-134a, with outside ambient temperature of 55°C inside room /Cabin temperature of 27°C



MINING DUTY

⌚ Excavators

⌚ Dumpers

⌚ Dozers

⌚ Electric Rope Shovel

⌚ Dragline

⌚ Surface Miners & Spreaders

ATMOS AIR CONDITIONERS FOR MINING DUTY

High ambient temperatures upto +60C in tropic and desert temperature zones due to high levels of sun radiation are a major factor to be considered to ensure non-stop functioning of Mining Equipment. The electronics installed in the crane e-room or stand alone panels are very sensitive & inoperable at hot temperatures. Therefore, temperatures below +35C should be maintained inside the panels. The crane operator cabin also needs to be maintained at a comfortable room temperature of +23-25 Deg C to ensure continuous work. Secondly, high dust load & heavy vibration shocks experienced in equipment installed in material handling machineries like electric mining shovel, bucket wheel excavators, heavy duty dragline, bucket chain excavators, surface miner, spreaders etc. cause much difficulty in maintenance of domestic air conditioners and electronics inside the Girder / E-room and Cabins. Finally, humidity levels between 90 and 100% are common. Mine water also varies in mineral content, pH levels and corrosivity. Values of pH range from 2.8 (very acidic) to 12.3 (basic). High values are often the result of the lime content of the cement added to backfill. Chloride ion (Cl) values show a wide range (from 5 to 25,000 ppm), and sulfate ion (SO4 2-) values range from 57 to 5100 ppm. Chloride and sulfate are considered to be the most aggressive ions present in mine waters and account for the high corrosivity in most mining equipment.

In order to maintain minimal or no downtime during operation of mining activities, it is imperative to reduce any equipment failure and eliminate any expensive maintenance procedures. ATMOS Mining Duty series units are designed, manufactured and tested at our factory in New Delhi, India to ensure optimal temperature for the equipment electronics and cooling comfort for the cabin operator is maintained. Each unit is tailor made and our In-house testing laboratory capable of recreating similar conditions of an Industrial Plant ensure that only those units are quality passed which can withstand such severe conditions.

SPECIAL DESIGN FEATURES ATMOS MINING SERIES

ROBUST FRAME: The Frame is made of 3-5mm Cold Rolled MS sheet, which is later epoxy powder coated to increase the durability of the structure.

'ATMOS PROTECT' SPECIAL COATED HEAT EXCHANGERS: Evaporator and condenser coils are coated by 'ATMOS PROTECT' special coating as per demand to withstand heavy corrosive impact from the gases and dust in a steel melting shop environment. Copper or Aluminium fins with coating are provided depending upon site conditions.

HEAT EXCHANGER FIN SPACING: To ensure proper efficient heat transfer & to avoid dust clogging, our experienced designers have selected fin spacing for evaporator units in the range of 2.5 - 2.8mm and condenser units in the range of 2.8 - 3.2 mm.

SILVER BRAZING ON THE JOINTS: To increase the durability of the joints under different mechanical stresses, vibrations & high ambient temperatures, strong joints ensure the chances of leakage are minimized.

INTERCONNECTING PIPELINE: Special type insulated copper flexible rubber hose kit used for interconnecting Indoor and Outdoor units are used to withstand heavy vibration.

DE-DUSTING: Automatic de-dusting mechanism thru PLC or manual selection heavily reduce repeated maintenance.

CONDENSATE EVAPORATOR: Useful in areas where condensate from the evaporator cannot be drained in the form of water during operation.

TRIP PROTECTION & REMOTE MONITORING: Protection against phase lag, phase dislocation, motor loading & high / low pressure conditions. Optional output terminals are provide for future remote monitoring & control.

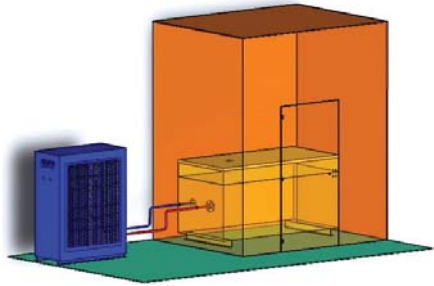
UNIT MODEL	COOLING CAPACITY (KW)*	AIRFLOW RATE (M3/hr.)	DIMENSIONS (L x W x H)	WEIGHT (Kg)
STAND-ALONE UNITS(COMPACT)				
SAFF-40	4	1200	635 X 435 X 1545	150
SPLIT TYPE(CEILING MOUNTED)			EVAPORATOR	CONDENSER
STCM-40	4	1200	680 X 570 X 285	1050 X 610 X 810
STCM-60	6	1300	835 X 620 X 310	1150 X 600 X 915
SPECIAL TYPE UNITS(COMPACT)				
KR1	5	1200	1090 X 720 X 530	230

WORLD CLASS COMPONENTS: We use only world class standard components for our units like COPELAND, BITZER, SIMEENS, DANFOSS and ZIEHL ABEGG which give our units quality and durability assurance.

WIDE RANGE OF REFRIGERANT SELECTION: Based on the ambient temperature we provide units based on different refrigerants like R134a, R227ea and R124.

*Cooling Capacity (KW) is based upon Refrigerant R-134a, with outside ambient temperature of 55°C inside room /Cabin temperature of 27°C

High Temperature Hydraulic Oil Chillers



A coke oven is a device used to produce coke, a product that is derived from coal. The mixing and heating of bituminous coal at temperatures ranging from around 1832° to 3632°F (1000° to 2,000°C) within the airless oven yields the coke byproduct.

The coke oven machine does the mechanical movement to unlock and shut down the doors of the coke oven, levels the coal charge in the oven and pushes the coke out of the oven after coking. A hydraulic power unit installed on the pusher car generates the pressure required for actuating the leveler bar and the pusher. During this process, the temperature of the oil used in the hydraulic power unit can go up to 70-75°C. This temperature needs to be brought down to ensure continuous operation.

Model	: HTOC-82-CH3
Cooling Capacity	: 8,200W
Power Supply	: Main Loop : 3~415V AC/50HZ, Control Loop : AC 220V,DC 24V/10V
Power Input	: Compressor : 5410W, Fan Motor : 750W, Oil Pump : 2200W, Unit: 8360W
Rate Of Flow (L/Min) / Oil Pressure (MPa)	: 46/1
Range of Setting Temperature	: According to the different requirement of user, temperature can be set between 15°C to 75°C.
Suitable Oil	: Number 20-46 Hydraulic oil or Lubricating oil or glycol
Thread specifications	: Suction : Rc1", Outlet: Rc1"

Positive Pressurization Unit

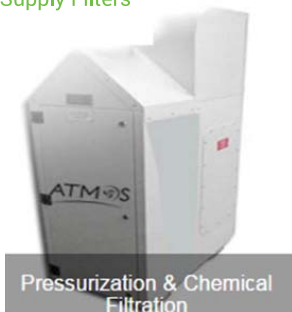
Model	: ATMOS FP-100
Moc	: Ms Powder Coated Sheet – 18 Gauges (RAL-5017)
Design	: Horizontal Compact Type
Dimensions (Wxdxh) In Mm	: 450 X 350 X 1150
Blower Fan Unit	: <ul style="list-style-type: none"> Operates At 230v, 50 Hz Single Phase. Can Deliver Up To 150 Cfm Flow Rate Applications Include Many Special Areas Such As Mining and Other Dusty Environment.

Supply Filters : **Pre-filter :**

- Easy Fit Construction
- Efficiency Will Be 95% Down To 5 Microns.
- Filter Size Will Be 300 X 200 X 50 Mm
- Flange Size Will Be 365 X 265 Mm

Hepa Filter:

- Minipleat Construction In Aluminium Casing
- Efficiency Will Be 99.997% Down To 0.3 Microns.
- Filter Size Will Be 305 X 305 X 75 Mm (Box Type)



CONDENSATE EVAPORATOR

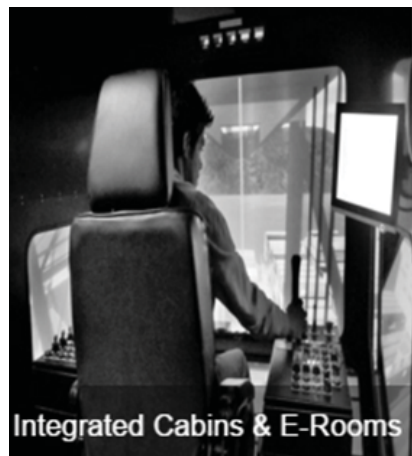


Model	: CE-100
Design	: Stand-alone compact unit
Key Features	: <ul style="list-style-type: none"> Designed for highly corrosive and dusty environments. Can withstand heavy vibrations and sporadic movement. Unit can easily be assembled with any kind of High Temperature AC. Applications include many special areas such as coking, steel melting, mines, transfer cars, pulp & paper, oil & gas refineries etc..

TECHNICAL DATA

Dimensions (L X W X H) in mm	: 345 X 200 X 368
Max.Capacity	: 6.0 Kgs./Hr.
Operating voltage range	: 3Ø 415V±10%
Operating Frequency range	: 50Hz
Steam Outlet Pipe Size (Diameter)	: 3/4"
Water Inlet Pipe Size (Diameter)	: 3/4"
Unit Weight	: 10 Kgs.

INTEGRATED CABIN & E-ROOM

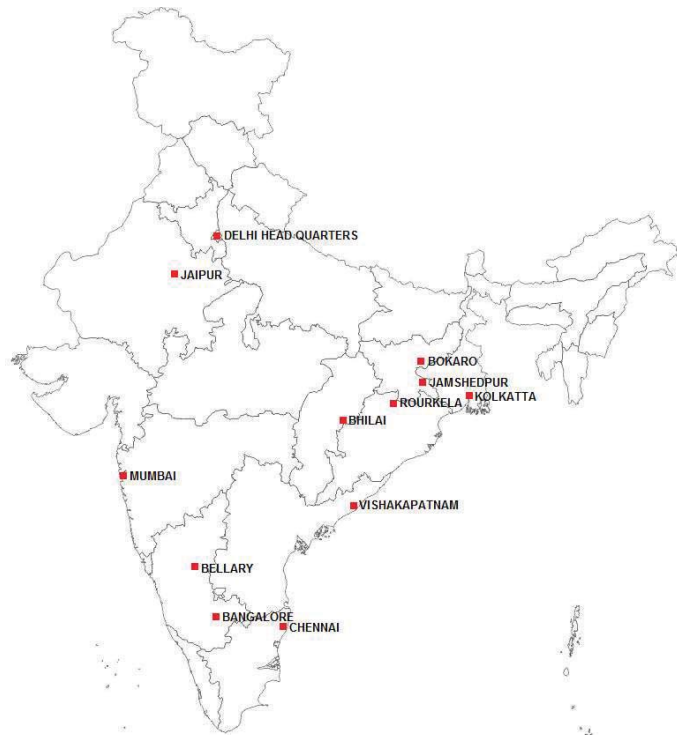


Kabu Projects also specializes in providing Turnkey support for E-Room and Cabin Solutions:

- (i) Our E-Rooms come with the highest quality standards of Steel/Paint and manufacturing processes custom designed to suit your heavy duty environment and requirement. They can be manufactured as per exact dimensions required by user. E-Rooms are equipped with
 - (a) Airconditioned and Non-Airconditioned sections with multiple door exits. Doors are with SS hinges, heavy duty locks and hydraulic closure mechanism.
 - (b) Complete smoke and fire detection systems.
 - (c) Concealed wiring routes as per given schematic
 - (d) Cable Trays and walk ways for external cabling. Covered with 33 kV grade rubber mats.
 - (e) Adequately rated split type Air conditioning units floor/wall/ceiling mounted suitable for given heat load from drives in given ambient, These units are designed so as to adequate and safe working space and maintain aesthetics inside E-room. E-Room with AC combo packages reduce installation time/manufacturing errors faced during site execution.
 - (f) Independent ventilation zones for drives/battery environments.

- (ii) Our Cabin solution is custom built in "Single Lift and Install Logic" and comes fully equipped unit with below components:
 - (a) Cabin(as per specifications),
 - (b) Arm Chair Control Desk with complete controls for crane operation
 - (c) Master Controllers of reputed makes
 - (d) Ergonomic and weight adjustable operator chairs.
 - (e) Fire Extinguisher, Operator Fan, Foot Switches
 - (f) Lighting Distribution Board
 - (g) Suitable Airconditioner matching the environment standards
 - (h) Complete internal control wiring ready as per deemed schematic from user.

AFTER SALES SERVICE CENTRES - INDIA



 Delhi Head Quarters

 Jaipur

 Bokaro

 Jamshedpur

 Kolkatta

 Rourkela

 Bhilai

 Mumbai

 Vishakapatnam

 Bellary

 Bangalore

 Chennai



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