

**BRAND INDIA ENGINEERING
E-CATALOGUE**

Date: 01-04-2025

ASCENT MACHINERIES & ENGG SERVICES

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Ascent Machineries & Engg. Services, came into being in the year of 1996 as a manufacturer, exporter and supplier of an impeccable range of Industrial Boilers, Electrical & Oil Gas fired, Pressure Vessels And Storage Tanks. Along with this, we offer Re-boiler, Thermic Fluid Heater, Hot Air Generator, Pressure Vessels, Storage Tanks and many more. Being quality foremost concern, we stringently follow strategically developed quality program during production process. We design all our products with advent technology keeping in mind established quality parameters. With our product range, we have been able to meet variegated demands of Oil & Gas, chemical, pharmaceutical, dairy, textile, food & beverages, brewing, dyeing and hospitality industries. Our professionals are qualified and experienced enough to develop products addressing market demands. They meticulously develop products using advent technology and machinery installed at our sound production unit. Furthermore, we follow ethically formulated business policies during dealing procedures to ensure transparency. Owing to our business practice, We have been able to meet expectations of significant clients such as KNPC - Kuwait, National Cables (Sharjah, U.A.E.), Anchor Allied (Sharjah, U.A.E.), Alfa Biotech (Uganda) Mopani Copper Mines Zambia, Bashir Dost Lub Oil Refinery and so on in all over the world.

BRAND INDIA ENGINEERING E-CATALOGUE

Products Description

Electrical Steam Boilers

Technical Details

Electrical operated Steam Boiler. Fully automatic, compact, IBR approved, PLC based operating system with data out puts & records. pressure up to 21 BAR & capacity as required. Small size also available.

ITC HS Codes

840219

Certification/ Standard

IEC

Issuing Agency

Date of Issue

04-06-2007

Date of Expiry

End Use Sectors

Product Images



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Electrical Thermic Fluid Heater

Technical Details	Electrical Oil heating system with high temp up to 300 deg C. Operating pressure 4 BAR. Fully automatic, with PID, PLC based controllers. Touch Operating system. Air cooled pump for high temp. All safety is incorporated with Data recording. No pollution no chimney no oil tank required. Clean operation & reliable performance. Size available from 12 KW to 1200 KW
ITC HS Codes	980100
Certification/ Standard	IEC
Issuing Agency	---
Date of Issue	04-06-2007
Date of Expiry	04-06-2027
End Use Sectors	Process Industries, Chemical, Pharma, Dyes, Textile, Oil & Gas

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Product Images



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ASCENT MACHINERIES & ENGG. SERVICES

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ASCENT ELECTRICAL THERMAL FLUID HEATER (TFH)

CONSTRUCTION & FEATURES:

- It is designed on the principle of fluid circulation by means of natural convection.
- Fully Automatic Operation save on electric cost.
- Highly Compact & space saving design.
- High Thermal Efficiency 97%.
- Suitable for outlet temp. up to 300° C.
- Every part covered with special powder coat for removal without stopping operation.
- Operating Pressure upto 21 BAR.
- Capacity upto 1000 Kg/hr.

SAFETY FEATURES:

- High Efficiency 97%
- Low Maintenance
- Simple Operation
- Compact & Clean so it can be installed any way

Technical Details

Model No.	Unit	AE-T-14	AE-T-18	AE-T-26	AE-T-34	AE-T-54	AE-T-72	AE-T-100	AE-T-144	AE-T-200
Capacity (Kg/hr)	14	18	26	34	54	72	100	144	200	280
Pressure (bar)	9	13	19	26	34	54	72	100	144	200
Outlet Temp. (°C)	150	150	150	150	150	150	150	150	150	150
Weight (KGS)	1000	1000	1000	1350	1400	1400	1400	1400	2200	2800
Height (mm)	1200	1200	1200	1200	1200	1200	1200	1200	1800	2000

Electrode Boiler

Technical Details

Electrode Boiler are fully automatic, Compact in size. Comes in small & large capacity as per steam required in process with 21 BAR pressure. IBR & NON-IBR options available. No pollution, no chimney.

ITC HS Codes

840410

Certification/ Standard

IEC

Issuing Agency

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ASCENT ELECTRODE BOILER - IBR & NON-IBR

Operation Details

Electrode Steam Boilers are designed to give a steady supply of Dry steam under increasing load. It will start working with additional provision for manual operation and generates steam within a very short time of cold start. Resistance is developed in between Electrodes to generate heat. In case if TDS is insufficient to develop sufficient resistance is deduced then in that case Non scaling additives are to be added. If water is very hard then in that case partial Demineralisation will be required. Steam capacity will be as per water quality.

SAFETY FEATURES:
High Efficiency 99%
Maintenance free
Full automatic operation
Safety on clean & safe
Other: Heavy duty welded steel to install
Complete & Caters to all standards (ASME)

Technical Details

Model No.	Capacity kg/hr	ASCE/IBR		ASCE/Non-IBR		ASCE/IBR		ASCE/Non-IBR		ASCE/IBR		ASCE/Non-IBR	
		30	75	100	150	200	400	600	1000	1500	2000	4000	6000
Electrode Spacing mm	18	18	18	18	18	18	18	18	18	18	18	18	18
Electrode Pitch mm	180	180	180	180	180	180	180	180	180	180	180	180	180
Electrode Height mm	450	450	450	450	450	450	450	450	450	450	450	450	450
Electrode Height mm	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Dry Weight kg/ea	300	300	300	300	300	300	300	300	300	300	300	300	300

Sectors of Interest

Process Industries

Is OEM Supplier?

Yes

Is After Sales Service Provider?

Yes

Importance of niche products

Potential market of niche products

Product Supply Record

Patented Technologies

Awards/Accolades