

**BRAND INDIA ENGINEERING
E-CATALOGUE**

Date: 30-08-2025

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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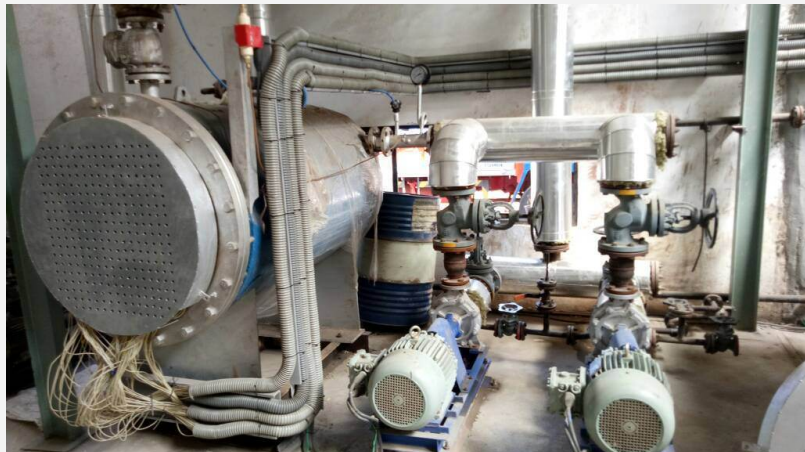


Electrical Thermic Fluid Heater

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

ASCENT ELECTRICAL THERMAL FLUID HEATER (THH)

Construction & Features :

- It is designed on the principle of indirect heating & steam generation to give long life of electric heater & Thermal Oil.
- Fully Automatic Operation save on electric cost.
- Compact, sturdy assembled & compact design.
- High Thermal Efficiency 97 %.
- Lowest maintenance cost.
- Suitable for outlet temp. up to 300° C.
- Easy removal of Thermal Fluid Regeneration etc.

SAFETY FEATURES :

- High Efficiency 97%
- Stainless Steel & Mild Steel
- Compact & Clean so it can be installed any way

Technical Details

Model No.	Unit	Alt-1	Alt-2	Alt-3	Alt-4	Alt-5	Alt-6	Alt-7	Alt-8	Alt-9	Alt-10	Alt-11	Alt-12	Alt-13	Alt-14	Alt-15	Alt-16	Alt-17	Alt-18	Alt-19	Alt-20
Capacity (kg/hr)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
Pressure (kg/cm ²)	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110
Length (mm)	1150	1350	1550	1750	1950	2150	2350	2550	2750	2950	3150	3350	3550	3750	3950	4150	4350	4550	4750	4950	5150
Weight (Kgs.)	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800

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

Date of Issue

04-06-2007

Date of Expiry

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End Use Sectors

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Product Images



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ASCENT ELECTRODE BOILER - IIR & NON-IIR

Operation Details

Electrode Steam Boilers are designed to give a steady supply of dry steam under fluctuating load. It fully automatic 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 developed 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.

Technical Details

Model No.	Capacity kg/hr	ASCT-30	ASCT-36	ASCT-42	ASCT-48	ASCT-54	ASCT-60	ASCT-66	ASCT-72	ASCT-78	ASCT-84	ASCT-90	ASCT-96	ASCT-102	ASCT-108	ASCT-114	ASCT-120	ASCT-126	ASCT-132	ASCT-138	ASCT-144	ASCT-150	ASCT-156	ASCT-162	ASCT-168	ASCT-174	ASCT-180	ASCT-186	ASCT-192	ASCT-198	ASCT-204	ASCT-210	ASCT-216	ASCT-222	ASCT-228	ASCT-234	ASCT-240	ASCT-246	ASCT-252	ASCT-258	ASCT-264	ASCT-270	ASCT-276	ASCT-282	ASCT-288	ASCT-294	ASCT-300	
Capacity	kg/hr	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216	222	228	234	240	246	252	258	264	270	276	282	288	294	300	
Pressure	kg/cm ²	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Height	mm	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
Dry Weight	kg	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200

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Capacity	kg/hr	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216	222	228	234	240	246	252	258	264	270	276	282	288	294	300
Pressure	kg/cm ²	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Height	mm	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	
Dry Weight	kg	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200

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