



COMPANY PROFILE

Galaxy enterprises is a off shoot of  Integrated Engineering Services , IES is serving customer from year 1998 and represented **Thermax** Ltd for its Vapor Absorption chiller as a OEM representative. Having served customer for the past 20 years and drawing its experience from the same the promoter has formed, Galaxy enterprises (Ge) .

 is basically a company that is geared up to offer customer Steam Boiler and steam Engineering products and services . We can offer you the best in the market we have a coordinated in house and also expert vendors networked to ensure that we meet commitments given to you. We can offer you from Evaluation of your heat load , sizing , sourcing , procurement support , site assessment , Best engineering practice in Safety , Erection , Installation , Testing and commissioning of equipment's which we supply .

The promoter has worked for large corporate organization such as THERMAX, ADITYA BIRLA and has extensive exposure in all projected related activity to guide customers for all their needs and expertise in Heating and Cooling solutions . The promoter specializes in Energy Management and can offer innovative solutions in utilization of energy , process optimization , evaluate efficiency , Improvement of efficiency , by means of many innovative products and services .

Today's market demands suppliers to be competitive , reliable , versatile in offering products and services , after studying the market condition for almost 5 years Galaxy was formed with large volume of data and networked vendors to enable customer to get what they wanted with quality and price competitiveness quickly and supported by reliable service back , Galaxy has put in place all these parameters and is ready to support customers in need . While studying the market situation there is a great demand for Steam on demand , Chiller on hire , Build Own Operate and Transfer BOOT , Build Own Operate BOO , Lease own operate transfer . Galaxy is gearing up to match these requirements from selection of capital equipment selection , Installation , Statutory approval , Fuel logistics , manpower skill matrix , labor statutory compliance , Operation & maintenance protocol .

You can count on us for all your requirements we will give our best to ensure that we satisfy your needs to ensure your core activity is seamless and effective.



Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



Steam boiler coil type (quick steam generator)

RSB Series

Coil Type Oil / Gas Fired Steam Boilers

- ▶ 3 pass reverse flue coil type steam boiler available both in non-IBR version (models 100 to 800) & IBR version (all models)
- ▶ Fitted with optional combustion air pre-heat and economizer for high thermal efficiency
- ▶ Designed to operate with light oil, heavy oil, NG or LPG fuel with rugged in-house or European burner
- ▶ Easy to operate & maintain with quick delivery of steam in few minutes
- ▶ Fully automatic operation with field proven controls & safeties

Model	Capacity (kg/hr)
RSB 100	100
RSB 200	200
RSB 300	300
RSB 400	400
RSB 600	600
RSB 800	800
RSB 1000	1000
RSB 1200	1200
RSB 1500	1500
RSB 2000	2000
RSB 2500	2500
RSB 3000	3000
RSB 3500	3500
RSB 4000	4000



a. Shell Boilers , Solid fuel Biomass fired boilers



Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



GALAXY ENTERPRISES
POSSIBILITIES UNLIMITED

BIOMASS FIRED BOILERS OF ALL CAPACITY :



HPZET FULLY AUTOMATED PACKAGED BOILERS



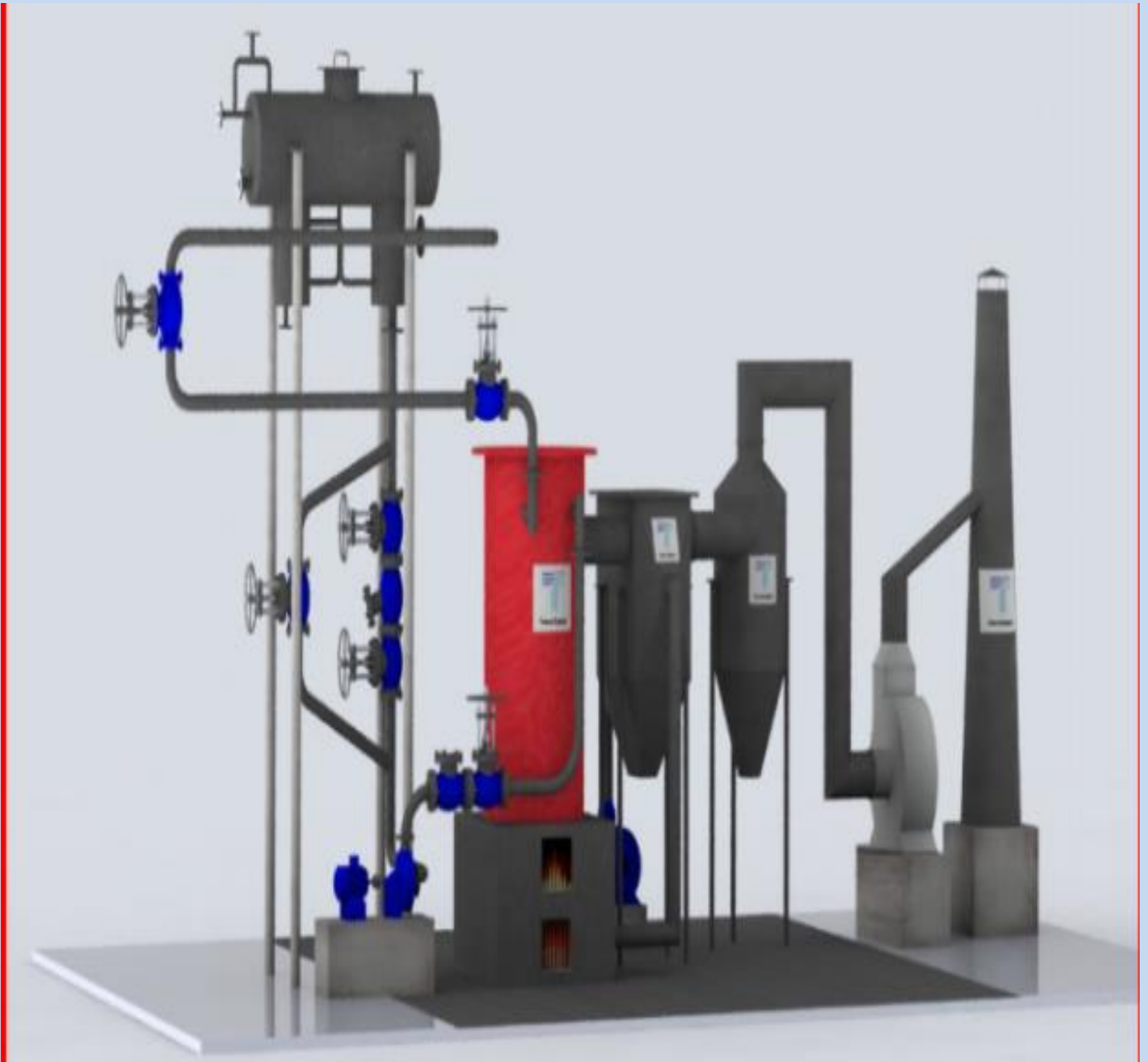
Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



GALAXY ENTERPRISES
POSSIBILITIES UNLIMITED

b. Thermic fluid heaters OIL FIRED AND BIOMASS FIRED :



Best Quality **Reasonable price** **Technical Support** **Fast Delivery**

Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



GALAXY ENTERPRISES
POSSIBILITIES UNLIMITED

Heat pump Hot water application for PG . Hotels :

THE TOTAL SOLUTION FOR HOT WATER



An ISO 9001 & 14001 Certified Company

HEAT PUMP



Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098

c. Steam Engineering products :



IN THE PRESENT SCENARIO,

- Fuel prices are rising at alarming ratessolid fuels are facing shortages.
- Cost of steam...Rs. 4/kg for liquid fuel fired generation ... Rs. 2/kg for gas/solid fuel fired generation
- Waste of steam or hot condensate spells into direct losses.

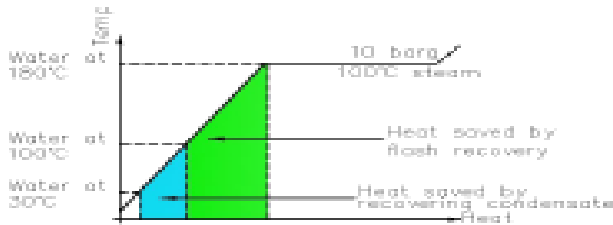
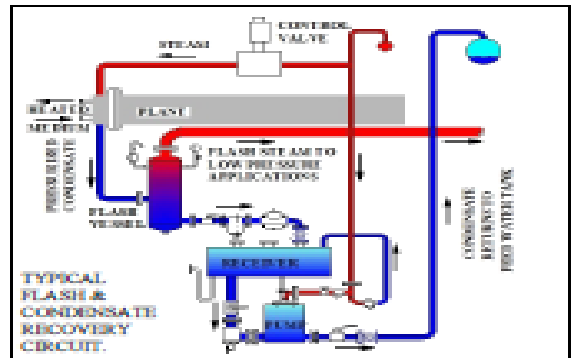
The prime challenge or question facing every industry is

- How to reduce fuel bills ?
- How to reduce fresh water bills ?
- How to reduce ETP bills. ?

The answer --
Heat Recovery from Condensate.

WHY HEAT RECOVERY FROM CONDENSATE ?

Condensate is the steam that has condensed to water after giving away its latent heat in the heating process. Being condensed from steam it is pure water and the best possible source of feed water for the boiler. This quality feed water directly results into reduction of blow downs, the resultant heat losses through blowdowns and reduces other scale related challenges in the boiler.



In addition to this the most important feature of Medium or high pressure condensate is that it carries with it a significant amount of sensible heat which gets wasted the moment we drain the condensate. This heat, as shown in the demonstrative graph alongside, is nearly about 20% of the total heat of the steam and can be recovered by controlled flashing and return of the condensate to the boiler feed water tank at 100 deg.C.

Create substantial savings by recovering heat from condensate....

Consider

- Cost of steam at just Rs. 2 per kg.
- Condensate pressure 3.5 kg/cm² ...p1
- Flash recovery at 0.5kg/cm² pressure ... p2
- Condensate to be recovered. only 1000 kg/hr

recoverable flash = ((sensible ht at p1 - sensible ht at p2) / latent ht at p2) X 100
= ((148 - 109.5) / 533) X 100 = 7.2% = 72kg/hr of steam recovery

Money saved = 72 X 2 = Rs. 144 per hr.

By returning balance condensate to boiler feed water tank at 100 deg. C

equivalent steam saved = ((100-35) X1000) / 540) = 120 kg/hr

Money saved = 120 X 2 = Rs. 240 per hr.

Therefore total money saved = 240 +144 = Rs 388 per hr.



Therefore by recovering heat from just 1000 kg/hr condensate the savings created is

Rs. 388 per hr or Rs. 9312 per day or Rs 27,93,600 per year..

Simultaneously reduce your fresh water bills by consuming less feed water and reduce ETP bills by discharging less water.



Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

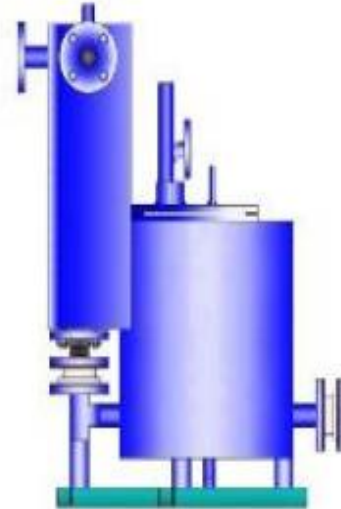
#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



MAX FLASH

Helps to generate low pressure steam free of cost from condensate of used steam with the help of specially designed steam separating vessels.

- *Moc : M.S.,*
- *Capacity : as per available condensate flow.*
- *Sizes : designed as per available condensate flow.*



MUTINY-mini

helps returning even small amounts of condensate economically viable.

- *Moc : M.S. Body with S.S. Internals.*
- *Pumping capacity – up to 500 kgs/hr.*
- *Size : 25nb.*

PROVIDING VALUE FOR MONEY IN STEAM ENGINEERING.

BURNER AND BURNER SPARES :

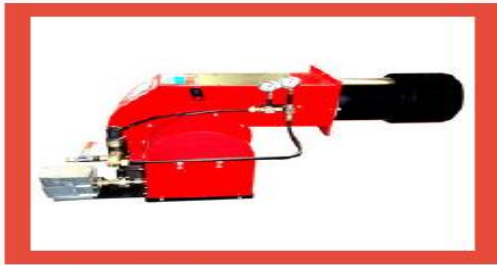


Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



GALAXY ENTERPRISES
POSSIBILITIES UNLIMITED



Oil Burner



Kerosene Burners



Dual Burner



LDO Burner



France



Japan

SIEMENS
Landis & Staefa Division

Germany

DUNGS[®]
Combustion Controls

Germany



USA

COFI
ignitions

Italy



Italy



Germany



Italy



France



USA

Best Quality

Reasonable price

Technical Support

Fast Delivery

Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



BOILER TUBE CLEANERS

1.1/4" - 6"
Tube I.D.

Flexible Shaft Machine ('BFM' Series):

It is a 3 phase electric motor (2800 rpm) mounted on 3 wheel trolley fitted with a carrying trolley. Horse power of motor is selected depending upon the length & size of shaft, and type of scaling. Push button starter is provided to control the motor. Each machine is fully wired, carefully tested & fitted with a 10ft. Length (Or longer if required) PVC cable to main supply. Motors are available in enclosed system as well as in open system (i.e. Without covering of above motor).

Please contact us if your electrical specification is different from below mentioned. Machine for alternate supply are also available.



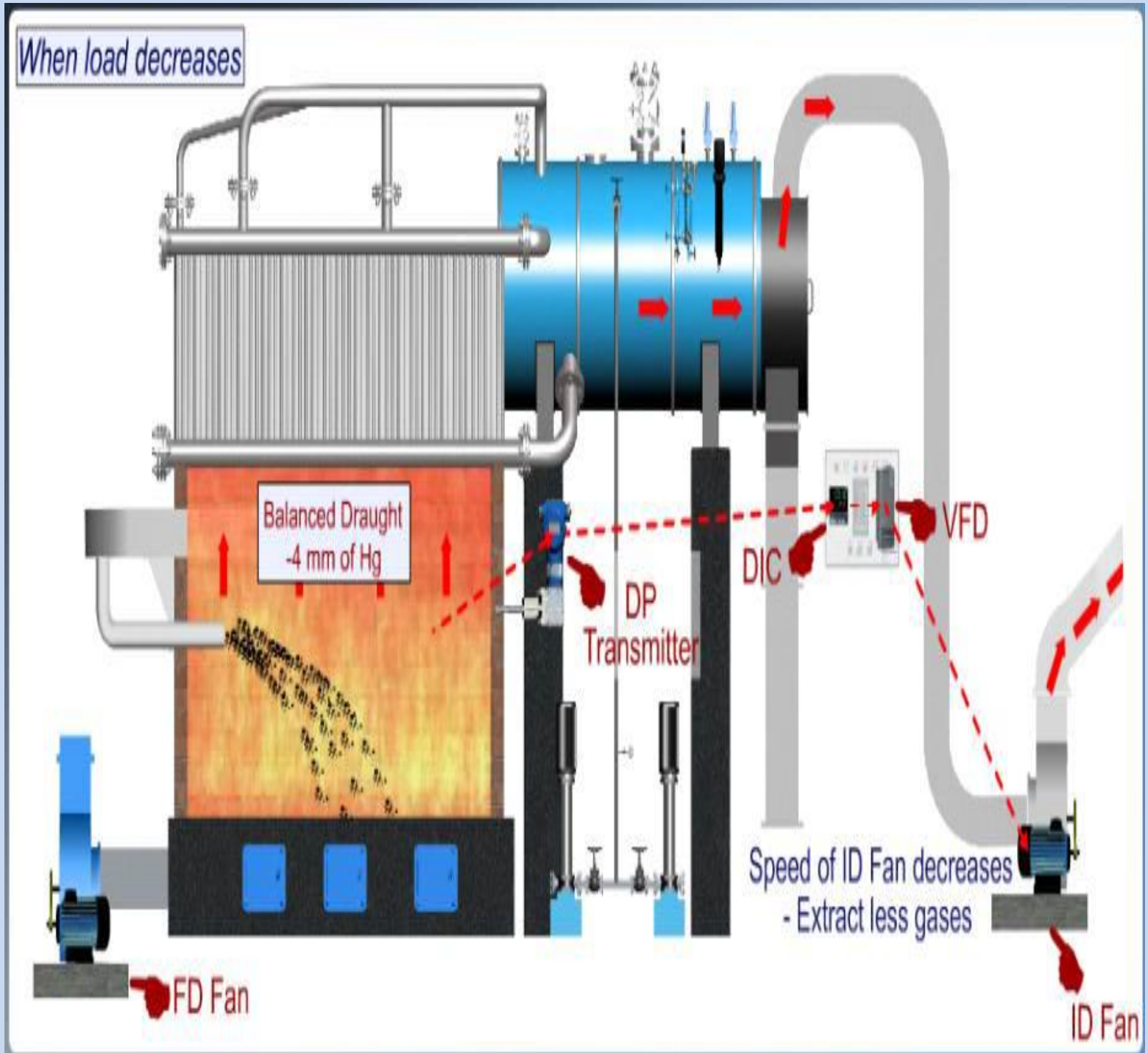
Model No.	Motor Power		Electric Supply	Speed RPM	Tube I. D.	
	HP	kW			Mm.	Inch
BFM -30	3.0	2.238	3 Phase 50 C/S A/C 400/440V	2800	22.0- 38.10	0.86"- 1.1/2"
BFM -50	5.0	3.730		2800	38.10-101.6	1.1/2"- 4.0"
BFM-75	7.5	5.62		2800	38.10-152.4	1.1/2"- 6.0"
BFM- 50M	5.0	3.730		2800,1400,910	38.10-152.4	1.1/2"- 6.0"

NOTE: Flexible Shaft Machines are also available with closed system.



Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



Best Quality

Reasonable price

Technical Support

Fast Delivery

Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



GALAXY ENTERPRISES
POSSIBILITIES UNLIMITED

WATREET

Complete Water Solution

INDUSTRIAL TREATMENT SOLUTIONS

RO WATER

**COOLING
SYSTEMS**

BOILER

**SUGAR PROCESS
CHEMICALS**

FIRESIDE ADDITIVE

SPECIALITY

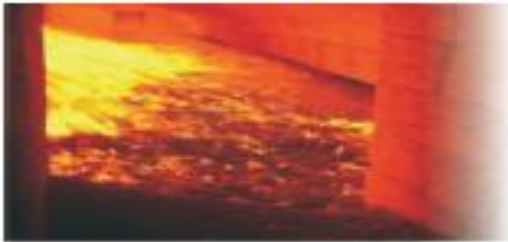


Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



FIRESIDE ADDITIVES



The primary aim of combustion is to obtain maximum amount of steam from each unit of fuel. But impurities in fuels and operational problems are limitations to achieve maximum output from burned fuel. The impurities in fuel can lead to formation of slag in boiler furnace, clinkers on the fuel bed and the presence of sulphur can lead to the cold end corrosion.

A fireside additive plays an important role in complete combustion of fuel along with a control on corrosion deposits, slagging clinker formation, reduction in air borne pollution emission as well as inhibition of fouling.

Our Range of Formulations :

MULTIPURPOSE SOLID FUEL ADDITIVE

Our Multipurpose Solid Fuel Additive is a free flowing powder designed primarily for treating coal, wood and other solid fuels. It acts as combustion catalyst resulting in improved combustion efficiency. It has an anti-fouling agent that helps to keep heat transfer surfaces clean thus improving the steam generation. It softens the hard clinker, while preventing hard clinker formation. Therefore helps in reducing the boiler maintenance, provide ease in cleaning and increases the boiler availability for long term operation. It promotes smoke free combustion, resulting in improved fuel economy.



FURNACE POST TREATMENT COMPOUND

Our Furnace Post Treatment compound is a perfect blend of combustion aid chemicals in the form of tube canister for fire side cleaning of furnace. It also comprises of combustion catalyst, oxidizing chemicals, dispersants and corrosion inhibitors. It is available in small packets to simplify the dosing process for a boiler. Therefore the cleaning of furnace wall improves the heat transfer and boiler efficiency with minimum breakdown.

ADVANTAGES OF USING FIRESIDE ADDITIVES

Combustion Process without Additives

Incomplete Combustion of fuel

Slag & Clinker Formation

Corrosion of surface & Cold Corrosion

Acid Smut Formation

Unburned Carbon in Ash

Increase Fuel Consumption

Decrease in Furnace Efficiency

Increases Particulate Matter from Stack

Combustion Process with Additives

Complete Combustion of Fuel

Reduced Slag & Clinker Formation

Minimizes Corrosion & Cold Corrosion

Reduces Acid Smut Formation

Decrease in Unburned Carbon in Ash

Reduces Fuel Consumption

Increase in Furnace Efficiency

Decreases Particulate Matter from Stack



Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



GALAXY ENTERPRISES
POSSIBILITIES UNLIMITED

AQUASOL DIGITAL

Digital Instruments

- Hand Held Meters
- Portable Meters
- Multiparameter Meter
- Bench Top Meters
- Electrodes
- Calibration Solution

Free Chlorine

Conductivity

pH

Turbidity

TDS

DO

EC

ORP

Total Chlorine

Temperature

Chlorine

O₂

Best Quality

Reasonable price

Technical Support

Fast Delivery

Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



BOILER WATER FORMULATIONS

Sr.	Product Type	Product Code	Product Description
12	Multipurpose - Scale, Corrosion Inhibitor	WT - 1010	For Fire Tube Boiler
	And Sludge Conditioner	WT - 1020	For Coil Tube Boiler
13	Phosphate based Scale Inhibitor &	WT - 2110	Low TDS Boiler System
	Sludge Conditioner	WT - 2120	Moderate TDS Boiler System
14	Alkalinity Builders for Boiler	WT - 1462	For very low hardness water and DM Water
15	Oxygen Scavenger	WT - 3010	Sulphite Based
		WT - 3030	Hydrazine Based
16	Neutralizing Amines for Boiler	WT - R101	For Condansate System
17	Softening Agent for Boiler	WT - 4010	Phosphate Based
		WT - 4020 (P*)	Neutral Phosphate Based
		WT - 4040 (P*)	Alkaline Phosphate Based



Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098

Steam Engineering



Bellow Seal Valve



Liquid Drain Trap



**Float Controlled
Steam Trap**



HP TD Trap



**Thermodynamic
Steam Trap**



Sight Glass



PRDSH

Best Quality **Reasonable price** **Technical Support** **Fast Delivery**

Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098

Steam Engineering



TD Trap



Steam Flow Meter



Ball Valve



Bi-metallic Trap



Float Trap Module



Condensate Recovery System



Best Quality **Reasonable price** **Technical Support** **Fast Delivery**

Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



STEAM TRAPS AND STEAM ENGINEERING PRODUCTS FROM

JORDAN MAKE USA ;

<p>Mark 60 Series Self Operated Pressure Regulators</p> <p>The Mark 60 Sliding Gate Pressure Regulator is used to regulate the downstream pressure to a predetermined setpoint. The spring in the Mark 60 holds the sliding gate seats in their normally open position to allow the process media to pass through the seats.</p> <p>The downstream pressure is sensed beneath the diaphragm. (A sensing line is required on sizes: 2-1/2", 3", and 4"). As the downstream pressure exceeds the setpoint, pressure is exerted on the diaphragm which raises the stem to modulate the disc (the moveable component on the sliding gate seat set) toward the closed position.</p> <p>Mark 60 Features</p> <p>CRN Registration Number Available</p>  <p>Pressure Regulators</p>	<p>Mark 96C Series Sanitary Pressure Regulators (1/2"-1")</p> <p>The Mark 96C is a clamped body pressure reducing valve designed to regulate downstream pressure of process and utility applications in sanitary and aseptic systems.</p> <p>The Mark 96C operates by sensing pressure under the diaphragm after the medium has entered the valve from the bottom inlet port. As the downstream pressure approaches the set point, the force caused by the pressure acting on the diaphragm overcomes the force of the range spring, and the plug begins to move up toward closed. This reduces the downstream pressure and maintains the set point as the flow exits the valve from the side port. If the pressure underneath the diaphragm begins to fall, the spring forces the plug to move down towards open, to allow the set point to be maintained.</p> <p>Sanitary Valves</p> 
---	---

 <p>Armstrong®</p>	<p>spirax sarco</p>	 <p>THERMAX</p>
--	----------------------------	---

Best Quality Reasonable price Technical Support Fast Delivery

Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098



GALAXY ENTERPRISES
POSSIBILITIES UNLIMITED

Driven By Experts



Best Quality **Reasonable price** **Technical Support** **Fast Delivery**

Ph : 080 2860 8265 / Mob : 76187 01999 | Email : galaxyrsr247@gmail.com

#001, Usha Residency, 4th Main, Krishna Garden, Pattanagere, RR Nagar, Bangalore - 560098