

**SASG**  
UV SOLUTIONS PVT. LTD.



# CHILLING PLANT

[www.sasguv.com](http://www.sasguv.com) | [www.dizario.com](http://www.dizario.com)



# SASG (Water/Air) Chilling Plants

- Capacity with Scroll Compressor : 1TR to 100TR (air/water cooled type)
- Fully hermetic scroll / reciprocating compressor with crank case heater.
- Overload protection for compressor.
- High and Low pressure switch to safeguard compressor and refrigerant system.
- High volume, High pressure stainless steel impeller and housing pump with mechanical seal for long life.
- Overload protection in pump motor.
- Stainless steel insulated water tank with inbuilt hot and cold well.
- All material used in water contact is corrosion proof.
- Micro / PLS Controller.
- Energy efficient air/water cooled compact chiller, suitable for working in high ambient conditions.
- Chiller can be connected with multiple moulding/Extrusion machines.
- A seamless safety chain including function control of compressor, fan, pump and water filling level.
- Maintenance free high volume, high pressure water circulation pump.
- Freeze protection.
- Liquid absorber in the cooling agent circuit.
- High operation comfort, easy maintenance, low number of switching actuations.



## Types of Chillers

SASG Deals in Different types Chillers as per the temperature range applications and capacity as well as environment conditions

**RECIPROCATING Chiller**

**SCREW Chiller**

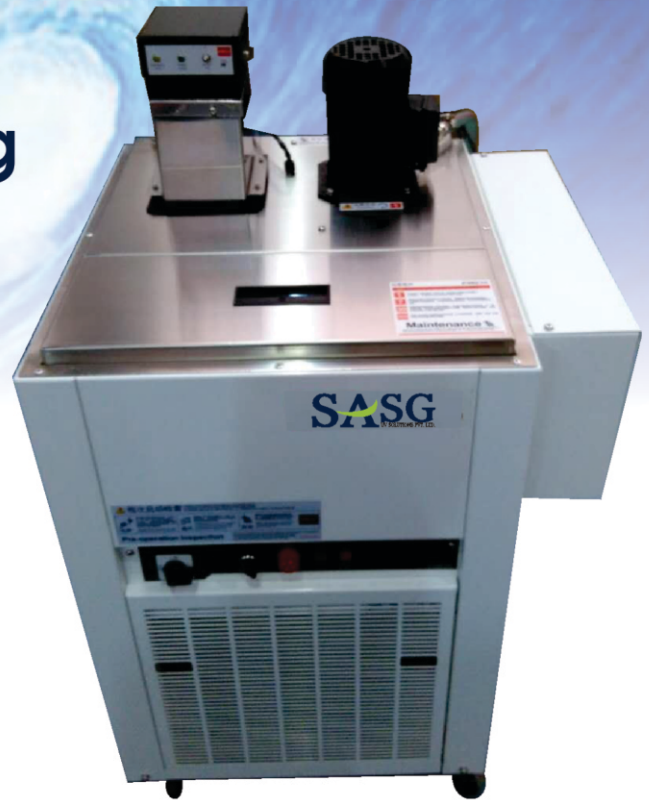
**SCROLL Chiller**

**AMMONIA Chiller**

**SKID MOUNTED Chiller**

# SASG Offset Fountain Chilling and Circulating Unit

- Compact in Design.
- Constant stability of fountain solution during the printing.
- Constant Temperature as per requirement of the job.
- SASG fountain chillers are suitable for new offset press and retro fit-too.
- SASG chillers are need less alcohol consumption
- The tank capacity of chillers 100 ltrs. to 300 ltrs.
- SASG fountain chillers contains.
- Re circulating unit.
- Premixing and flow control unit.
- Special Filters with easy to replace membrane, digital temperature indicator.
- SS fountain tank and removable tank covers for easy cleaning.
- Drain valve for discharge through pipe.
- Self lock type SS covers.



**SASG supplier for High Quality Towers in  
Deferent Shape round and squre with mutipale cells**

## Types of Cooling Towers

Forced Draft  
Induced Drafts  
Natural Drafts

## Design of Cooling Towers

Cross Flow  
Counter Flow  
Close Loop and Open Loop

## Material of Cooling Towers

Fiberglass Reinforced polyster (FRP)  
Metal, PVC, Wood and Concrete





## Why SASG Chillers

- Energy Efficient Compare to other manufacturers
- Low Cost maintenance
- Anti Freeze protection at low temperature
- Micro Controller based control system
- Eco Friendly Refrigerant R-22, R-404A, R-407C and R-10
- Suitable for Different Industrial Applications in Extreme Tropical Environment Conditions
- More Reliable and highly durable multi circuit is available in one package.
- Electronic Expansion valves for regulating the flow of Refrigerant as per the load.

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## Specifications

MODEL	NORMAL CAPACITY TR	HEAT REJECTION Kcal/Hr X 1000	DIMENSION		FAN DIA MM	MOTOR HP	OPERATING WEIGHT (Kg)	PUMP HEAD H <sub>2</sub> O
			HEIGHT mm	DIAMETER mm				
SASG - 7.5	7.5	28	2000	1000	700	1.0	250	2000
SASG - 15	15	56	2000	1200	800	1.0	320	2000
SASG - 25	25	94	2200	1800	1000	2.0	450	2400
SAGS - 30	30	113	2200	1800	1000	2.0	500	2400
SAGS - 40	40	150	2800	2100	1200	2.0	700	3000
SAGS - 50	50	189	2800	2200	1250	2.0	800	3000
SAGS - 60	60	226	2800	2200	1250	3.0	1300	3000
SAGS - 80	80	300	3000	2800	1500	3.0	1500	3000
SAGS - 100	100	376	3000	2800	1500	5.0	1500	3000
SAGS - 125	125	469	3000	5100	1500	5.0	1700	3200
SAGS - 150	150	563	3000	3100	1500	7.5	1800	3200
SAGS - 175	175	656	3200	3600	1800	7.5	2100	3400
SAGS - 200	200	750	3200	3600	1800	10.0	2300	3400
SAGS - 250	250	938	3500	4000	1800	10.0	3000	3700
SAGS - 300	300	1126	3500	4000	1800	10.0	5500	3700
SAGS - 400	400	1500	3700	5800	3000	15.0	5500	4000

NOTE : Normal data based on 15 L.P.M (4 USGPM per TR) Water inlet 36.4°C (97.5°F), water outlet 32.2°C (90.0°F) & wet bulb 28.3°C (83.0°C), for capacities in other conditions please contact us.

**Applications :** Printing Industry, Plastic & Injection Moulding, Construction Automobile, HVAC, HDPE Tape Plants, Water & Beverages

## SASG UV SOLUTIONS PVT. LTD. DIZARIO INDUSTRIES

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