

Central Utility Plants

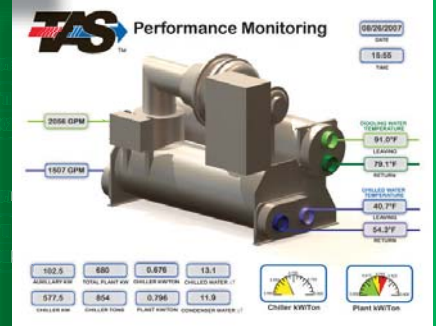
Efficiency:

Industry leading operating efficiency



Cost of Ownership:

Optimized for lowest total life cycle cost



Risk Mitigation:

Guaranteed cost, schedule, and performance



Faster Delivery:

Reduced total project schedule

Footprint:

Minimized plant size

Flexibility:

Moveable and expandable



Reliability:

Single source accountability



Service:

Global service support 24/7, 365 days a year

Quality:

Built to ISO 9001:2000 standards

Environmental Benefit:

Consumes less energy and significantly lowers your carbon footprint



Who We Are

TAS manufactures modular central plants and energy systems based on highly engineered, standard product designs that are optimized for low life cycle cost and ultra high efficiency. As an innovator and industry leader with multiple patents, TAS is recognized for defying industry convention, and being the first to introduce modular central plants in an industry accustomed to the traditional practice of design/build field construction. TAS single source accountability approach is carried through the design; manufacturing; installation; commissioning; and service phases of a system. TAS modular central plants and energy systems are recognized for high quality construction, reliability, and industry leading operating efficiency.

PATENTED TECHNOLOGY

ISO 9001:2000 COMPLIANT

REDUCED FOOTPRINT

SHORT DELIVERY SCHEDULE

EASY TO INSTALL

Our Value to the Customer

Our focus is to save you time, energy, and capital. A customer buying a modular central plant from TAS can be assured that the plant is optimized for efficiency, and low life cycle cost. Our standard products provide expected and predictable performance. We help customers minimize project risk in meeting schedule, financial targets, operational performance and plant size, all driven through the use of standard designs and repeatable manufacturing processes in an ISO 9001:2000 controlled environment.

Whether your project consists of a new construction or an existing facility, TAS can provide an optimal system solution for you. TAS creates system designs that meet a broad variety of needs, as the integrated systems are configured to meet or exceed your cooling, heating and on-site power requirements. By assuming full responsibility when managing full turnkey installation of a product, and by employing the TAS Performance Monitoring system, you can be assured that your TAS system continues to operate as designed throughout its beneficial and economic life cycle.





MISSION CRITICAL FACILITIES

Our Experience and Expertise

TAS has invested tens of thousands of engineering hours to revolutionize and optimize central plant designs by introducing standard products to the marketplace. Since inception we have installed hundreds of modular central plants, spanning a wide range of commercial, institutional, district cooling, industrial process cooling, and on-site combined heat and power (CHP) applications. Multiple packages can be installed in parallel to meet larger district cooling applications. Each project has unique requirements and TAS offers a wide array of options using standard products to develop systems that will meet the specific needs of the project — including space limitations; aesthetic requirements; reduced access to utilities; or even water limitations. TAS has the experience and expertise to create a quality solution for you.



DISTRICT COOLING



HEALTH CARE FACILITIES



CHP & ON-SITE ENERGY



COMMERCIAL

EDUCATIONAL FACILITIES



Markets We Serve

TAS serves a wide variety of markets in the commercial and industrial segments, with offices in North America, the Middle East and South East Asia. TAS has enjoyed significant project successes globally and most notably in the emerging growth market of the United Arab Emirates, where massive scale commercial and residential development projects are ongoing. Our district cooling experience encompasses government facilities; multi-family condominium towers; large hotels; shopping complexes; large commercial developments; and commercial office buildings. Whether you're building a casino resort; a data center; an educational facility; a healthcare center or any other type of commercial; industrial; institutional; or process facility that requires cooling, heating or power, a TAS modular central utility plant can work for you.





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Global Service

TAS backs every system with a global service and maintenance support team. We have the ability to remotely monitor system performance through our advanced system control package. TAS service engineers are experienced in system optimization, commissioning and ongoing maintenance requirements.

3/4" PIPING
L.O. RETURN FROM V-121
THIS SHEET

In addition, the TAS performance monitoring service supports both plant operators and TAS service personnel through continuous monitoring of key operating functions to ensure that your TAS system continues to operate as designed throughout its beneficial and economic life.



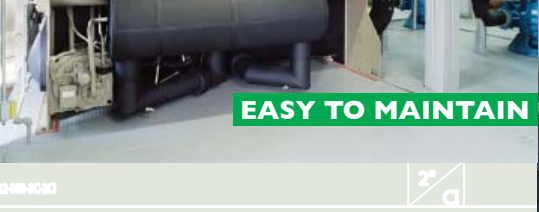
INSTITUTIONS



EASY TO MAINTAIN



ENTERTAINMENT FACILITIES



The TAS Commitment

As a single source provider, TAS leads the industry by guaranteeing that our products will meet the construction schedule, will meet the stated performance and even ensure that the budget for the project is held within tight controls. TAS is proud to demonstrate its commitment to high quality design, manufacturing, and service of modular central plants from its U.S. manufacturing operations located in Houston, Texas, U.S.A. This commitment extends to continually striving to assure that our customer's expectations are met or exceeded.



DATA CENTERS

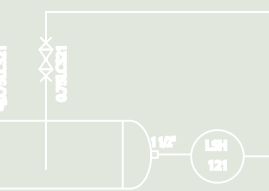


PERFORMANCE MONITORING

3/4" R22 GAS
HOT GAS TO V-121
THIS SHEET

3/4" PIPING
FROM PSV-121 DISCH
THIS SHEET

1" R22-09-0C
FW DISCHARGE BEHIND



LS-1
121





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== ISO 9001:2000 ==
Registered

