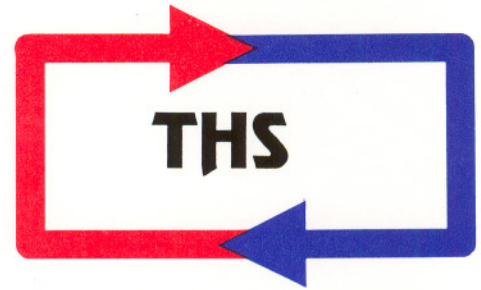


Industrial Chilled Water Units



- Rugged Industrial Designs with premium highly durable components.
- 2 - 400 TON Capacities.
- Air & Water Cooled systems for indoor or outdoor service offered with numerous options for system flexibility.
- Fully staffed engineering and mechanical design department provides single point responsibility for system layout, installation, start-up, and maintenance.
- Compressor options include reciprocating , hermetic, semi-hermetic, screw and scroll technologies. Multiple circuit systems available.
- Controls feature premium components, separate electrical and control enclosures, dynamic load balancing. Analog or PLC based systems can include

Portable Chillers:

- Models FCAC & FCWC 1 Ton - 20 Ton Standard Packaged Air & Water Cooled Chillers.
- Models CFW & CFA 40 - 80 Ton Standard Compact Modular Water & Air Cooled Chillers

Central Process Chillers:

- Models CFW & CFA 40 - 400 Ton Central Water & Air Cooled Process Chillers.

Economical, Compact, & Highly Reliable Standard Features:

From the ground up, THS offers equipment designed to deliver the correct balance of performance, ruggedness, operational consistency, and cost desired by all Industries. THS offers a unique combination of experts in refrigeration engineering, mechanical design & installation, and real world "system capabilities". Attention to detail, extensive practical implementation experience, and products of premium quality make our Chiller Offering, the best choice.

THS

Process Chillers

Technical Heat Transfer Services, Inc.

P.O. Box 801

Amherst, NY 14226-0801

Phone:(716)-743-1855 Fax: (716)-743-0124

Industrial Chilled Water Units

TAE-evo Evolution Series Series

EVOLUTION Design:

- Rugged Industrial Designs with premium highly durable components.
- 2 - 30 TON Capacities.
- Compact units with integral tank and pump with components positioned for easy access and inspection.
- Scroll Compressors with the latest generation of electronic controls providing complete and easy

Standard Features:

- R-407C Refrigerant
- Hermetic Scroll Compressors (081 - 602)
- 460/3/60 Electrical
- Microprocessor Controlled
- Larger Volume Water Storage Tank
- Internal Evaporator
- Axial Condenser Fans
- Air Filters on Condenser Coils(081-602)

Optional Features:

- R-22 or R134A Refrigerant
- Hermetic Reciprocating Compressors
- 575/3/60 Electrical
- Expansion Tank for open or closed systems
- 72 PSI Pump Pressure
- Fan Speed Control
- Non-Ferrous Water Circuit
- Remote Control Options

Model	(TAE evo)	015	020	031	051	081	101	121	161	201	251	301	351	402	502	602
Cooling Capacity	Ton	1.5	2.0	3.0	4.4	6.0	8.0	10.0	12.3	14.2	17.1	18.1	21.0	26.5	31.0	35.3
Flow Rate	gpm	3.6	4.8	7.2	10.6	14.4	19.2	24.0	29.5	34.1	41.0	43.4	50.4	63.6	74.4	84.7
Compressor Power	kW	2.1	2.5	4.3	6.0	7.8	8.6	10.4	14.8	18.4	20.6	23.0	23.7	32.5	36.4	43.2
Pump Power	kW	.75	.75	.75	.75	0.9	0.9	1.85	1.85	1.85	1.85	2.2	2.2	4.0	4.0	4.0
Fan Power(each)	kW	.185	.185	1.1	1.10	1.30	1.30	1.30	1.30	1.25	1.25	1.25	1.25	2.30	2.30	2.30
Width	in	22.1	22.1	26	26.0	29.9	29.9	29.9	29.9	14.1	34.1	34.1	34.1	49.4	49.4	49.4
Depth	in	49.2	49.2	50.4	50.4	73.3	73.3	73.3	73.3	86.8	86.8	86.8	86.8	126.0	126.0	126.0
Height	in	29.5	29.5	52.8	52.8	54.7	54.7	54.7	54.7	79.0	79.0	79.0	79.0	84.3	84.3	84.3
Weight	lbs	280	291	441	485	730	851	891	917	1219	1433	1631	1669	2745	2833	2965

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