CHILLER TANK SYSTEM

engineering PRECISION

Budzar Industries' ICE (Industrial Chiller Equipment) CTS Series Chiller Pump Tank Systems delivers superior performance to your central chilled water system. Designed to operate compatibly with any central chiller module, this unit integrates a chilled water reservoir factory-piped and matched by Budzar Industries engineers to your process operation on demand.

CTST units are capable of handling chiller capacities from 25 to 200 nominal tons.

Budzar Industries has specialized in process fluid heat transfer systems since 1975. Budzar has earned a global reputation for quality and ingenuity in the design, engineering, and manufacturing of temperature control systems.

EXCELLENT RETURN ON INVESTMENT

- Each Budzar Industries unit is designed to maximize the productivity of your process. Budzar Industries quality and reliability provide excellent value for each dollar invested.
- Optional stand-by pumps eliminate down time and keep your process running

LOW-COST, SIMPLE OPERATION AND MAINTENANCE

- Console-mounted, high temperature, low pressure audible and visual alarms for process fluid and supply allow you to attain peak process performance at all times.
- Insulated dual well reservoir is constructed of heavy guage, epoxy coated mild steel or optional stainless steel
- Close-coupled, centrifugal pumps with mechanical seals are selected for non-over-loading conditions, Long-coupled, base-mounted pumps are optional
- All pumps include log-type isolation valves that remain stationary to permit complete pump removal without the inconvenience of water or fluid spillage

STANDARD FEATURES

- Completely factory assembled pump decks on as common skid minimize the time needed for field set-up. Simply connect supply and return water mains electrical power
- All units are factory tested prio to shipment
- USB Drive containing an electronic copy of the installation and maintenance manuals with drawings

BUDZAR INDUSTRIES, INC.

ISO 9001:2015 SRI CERTIFIED Quality System Registrar
ISO 9001:2015 - ANSI/ISO/ASQ Q9001-2015

process TEMPERATURE control

CHILLER TANK SYSTEM

CTS "DUAL PUMP" - "HIGH FLOW" - DH CHILLER TANK

Model CTS		CTS-025DH	CTS-050DH	CTS-075DH	CTS-100DH	CTS-150DH	CTS-200DH
Nominal Duty	Tons	25	50	75	100	150	200
Tank Size L x W x H	Feed	2.5 x 5 x 3	4 x 5 x 4	4 x 6 x 6	4 x 6 x 6	5 x 7 x 6	6.5 x 7.5x 7
Tank Capacity -Overflow	Gallons	220	500	950	950	1,400	2,250
-Operating	Gallons	140	300	600	600	900	1,400
Chiller Pump - Flow	GPM/PSI	60/23	120/19	180/24	240/27	360/24	480/25
Pump Motor	HP	1.5	3	5	7.5	10	15
Discharge Connection	Inches	2 NPT	2.5 - 125#	3 - 125#	4 - 125#	6 - 125#	6 - 125#
Process Pump - Flow @ 60 PSIG	GPM	120	240	360	480	720	960
Pump Motor	HP	7.5	15	20	25	40	60
Discharge Connection	Inches	2.5-FLG	4-FLG	6-FLG	6-FLG	6-FLG	8-FLG
Nameplate Amps @ 460/3/60		13.6	25.8	34.6	45.0	6.0	98.0
@ 230/3/60		27.2	51.6	69.2	90.0	132.0	196.0
Connections (NPT) Overflow	Inches	2	3	4	4	4	4
Makeup	Inches	1/2	1/2	1/2	1/2	1/2	1/2
Drain	Inches	1 1/2	1 1/2	2	2	2	2
Shipping Weight (Approx)	Lbs	950	1,700	2,000	2,400	4,200	7,100
Operating Weight (Approx)	Lbs	2,800	5,900	10,000	10,500	15,900	25,800
Dimensions (Approx) W x L X H	Inches	64 x 76 x 60	64 x 92 x 75	64 x 100 x 82	76 x 102 x 82	88 x 122 x 82	94 x 142 x 94

CTS "DUAL PUMP" - "HIGH FLOW" - DH CHILLER TANK

Model CTS		CTS-025DE	CTS-050DE	CTS-081DE	CTS-125DE	CTS-187DE	CTS-250DE	CTS-356DE
Chiller Pump - Flow	GPM/PSI	60/23	120/19	195/20	300/23	450/22	600/26	855/26
Pump Motor	HP	1.5	3	5	7.5	10	15	20
Process Pump - Flow @ 60 PSIG	GPM	60	120	195	300	450	600	855
Pump Motor	HP	5	7.5	10	15	25	30	40
Nameplate Amps @ 460/3/60		10.2	15.8	21.6	32	48	61	79
@ 230/3/60		20.4	31.6	43.2	64	96	122	158

CTS "SINGLE PUMP" - S CHILLER TANK SYSTEMS

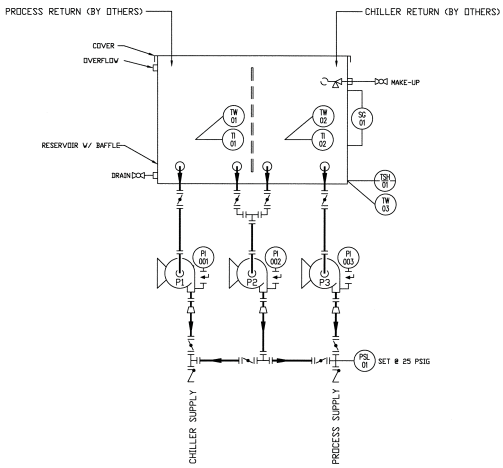
Model CTS		CTS-025S	CTS-050S	CTS-081S	CTS-125S	CTS-187S	CTS-250S	CTS-356S
Process /Chiller Pump-Flow@60 PSIG	GPM	60	120	195	300	450	600	855
Pump Motor	HP	5	7.5	10	15	25	30	40
Nameplate Amps @ 460/3/60		7.6	11	14	21	34	40	52
@ 230/3/60		15.2	22	28	42	68	80	104

Top Quality Temperature Control Equipment From Budzar Industries

Low Temperature
Process Chillers to -85°C

CIP
Systems

Reactor Temperature Control Systems
from -85°C to +200°C



BUDZAR INDUSTRIES, INC.

38241 Willoughby Pkwy. • Willoughby, OH 44094
440-918-0505 • www.Budzar.com • Sales@Budzar.com