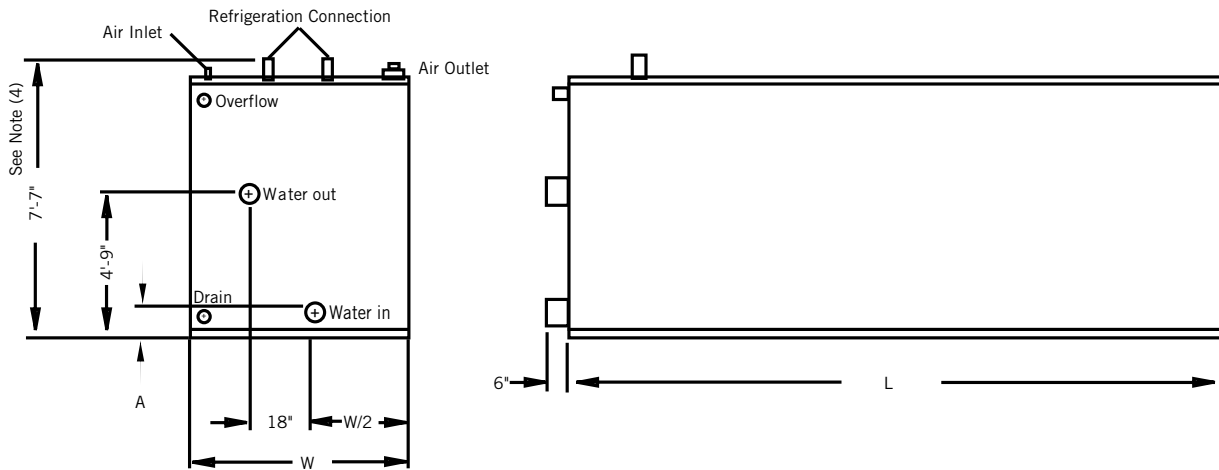


# TSU (E, F, & G) Engineering Data

NOMINAL 5' WIDE UNITS:  
 MODELS TSU-125E TO TSU-235E AND TSU-145F TO TSU-270F



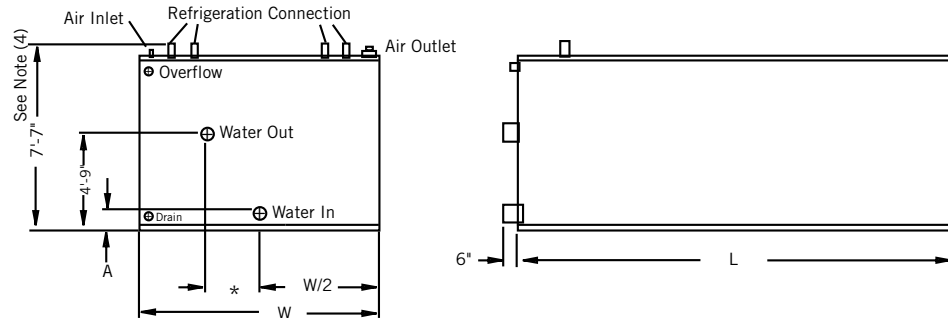
Model Number	LBS of Ice <sup>(2)</sup>		Approx. Shipping Weight (lbs)	Approx. Operating Weight (lbs)	Air Pump (HP)	Water Volume (gal)	Pull Down Volume (gal)	Coil Volume (ft <sup>3</sup> )	R-717 Charge (lbs) <sup>(5)</sup>	Water Conn. In/Out	W	L	A
	Gravity Flooded	Pump Recirculated											
<b>E Series</b>													
TSU-125E	9,330	10,808	5,500	23,500	3	2,080	270	9	245	3"	5'-3 1/8"	10'-1"	4.5"
TSU-155E	11,410	12,250	6,230	28,000	3	2,520	320	10	275	3"	5'-3 1/8"	12'-1"	4.5"
TSU-180E	13,580	14,580	7,070	32,600	3	2,960	380	12	325	3"	5'-3 1/8"	14'-1"	4.5"
TSU-210E	15,660	16,740	8,090	37,400	3	3,400	440	13	355	4"	5'-3 1/8"	16'-0"	5"
TSU-235E	17,830	18,910	8,830	41,900	3	3,840	490	15	410	4"	5'-3 1/8"	18'-0"	5"
<b>F Series</b>													
TSU-145F	10,660	11,500	5,730	23,700	3	2,070	40	10	275	3"	5'-3 1/8"	10'-1"	4.5"
TSU-175F	13,080	14,080	6,500	28,100	3	2,510	45	12	325	3"	5'-3 1/8"	12'-1"	4.5"
TSU-205F	15,490	16,580	7,370	32,800	3	2,950	55	13	355	3"	5'-3 1/8"	14'-1"	4.5"
TSU-240F	17,910	18,990	8,370	37,600	3	3,390	65	15	410	4"	5'-3 1/8"	16'-0"	5"
TSU-270F	20,330	21,490	9,140	42,100	3	3,820	70	17	460	4"	5'-3 1/8"	18'-0"	5"



**NOTES:**

1. All dimensions are in feet and inches. Weights are in pounds.
2. Pounds of ice capacity is based on R-717. For other refrigerants, consult your BAC Representative.
3. Dimensions showing location of connections are approximate and should not be used for prefabrication of connecting piping.
4. Dimension is installed height. Coils are capped for shipping and storage. Add 3 inches for shipping height.
5. Refrigerant charge listed is operating charge for gravity flooded system at 15°F (-9°C). For other feed systems, consult your BAC Representative.
6. ICE CHILLER® Thermal Storage Units should be continuously supported on a flat level surface.

## NOMINAL 8' AND 10' WIDE UNITS: MODELS TSU-190E TO TSU-505E AND TSU-220F TO TSU-580F



\*18" On TSU-190E-365E; TSU-220F-420F

\*16" On TSU-290E-505E; TSU-330F-580F

Model Number	LBS of Ice <sup>[2]</sup>		Approx. Shipping Weight (lbs)	Approx. Operating Weight (lbs)	Air Pump (HP)	Water Volume (gal)	Pull Down Volume (gal)	Coil Volume (ft <sup>3</sup> )	R-717 Charge (lbs) <sup>[5]</sup>	Water Conn. In/Out	W	L	A
	Gravity Flooded	Pump Recirculated											
<b>E Series</b>													
TSU-190E	14,410	15,580	7,670	36,200	3	3,300	420	15	410	4"	7'-10 1/2"	10'-1"	5"
TSU-230E	17,580	18,910	8,740	43,200	3	4,000	510	17	465	4"	7'-10 1/2"	12'-1"	5"
TSU-280E	20,910	22,490	9,700	50,200	3	4,700	600	19	515	4"	7'-10 1/2"	14'-1"	5"
TSU-320E	24,240	25,910	11,120	57,700	3	5,400	700	22	600	4"	7'-10 1/2"	16'-0"	5"
TSU-365E	27,570	29,240	12,100	64,500	3	6,100	800	24	650	6"	7'-10 1/2"	18'-0"	6"
TSU-290E	21,740	23,490	9,950	53,400	3	5,040	640	21	570	6"	9'-9 3/8"	12'-1"	6"
TSU-345E	25,820	27,820	11,200	62,000	3	5,920	760	23	625	6"	9'-9 3/8"	14'-1"	6"
TSU-395E	29,900	32,070	12,900	71,300	3	6,800	860	26	705	6"	9'-9 3/8"	16'-0"	6"
TSU-450E	33,990	36,150	14,050	80,000	3	7,080	980	29	790	6"	9'-9 3/8"	18'-0"	6"
TSU-505E	37,980	40,070	14,700	88,600	3	8,550	1090	32	870	6"	9'-9 3/8"	20'-0"	6"
<b>F Series</b>													
TSU-220F	16,410	17,660	8,040	36,500	3	3,290	60	16	435	4"	7'-10 1/2"	10'-1"	5"
TSU-265F	20,240	21,490	9,150	43,600	3	3,990	70	19	515	4"	7'-10 1/2"	12'-1"	5"
TSU-320F	23,990	25,660	10,180	50,600	3	4,680	90	21	570	4"	7'-10 1/2"	14'-1"	5"
TSU-370F	27,660	29,400	11,700	58,100	3	5,380	100	24	650	4"	7'-10 1/2"	16'-0"	5"
TSU-420F	31,400	33,240	12,730	65,100	3	6,070	110	26	705	6"	7'-10 1/2"	18'-0"	6"
TSU-330F	24,990	26,820	10,460	53,900	3	5,020	95	23	625	6"	9'-9 3/8"	12'-1"	6"
TSU-395F	29,650	31,740	11,780	62,510	3	5,890	110	26	705	6"	9'-9 3/8"	14'-1"	6"
TSU-455F	34,150	36,240	13,430	71,800	3	6,770	130	29	790	6"	9'-9 3/8"	16'-0"	6"
TSU-515F	38,820	40,980	14,650	80,500	3	7,640	140	32	870	6"	9'-9 3/8"	18'-0"	6"
TSU-580F	43,480	45,570	15,370	89,200	3	8,520	160	35	950	6"	9'-9 3/8"	20'-0"	6"

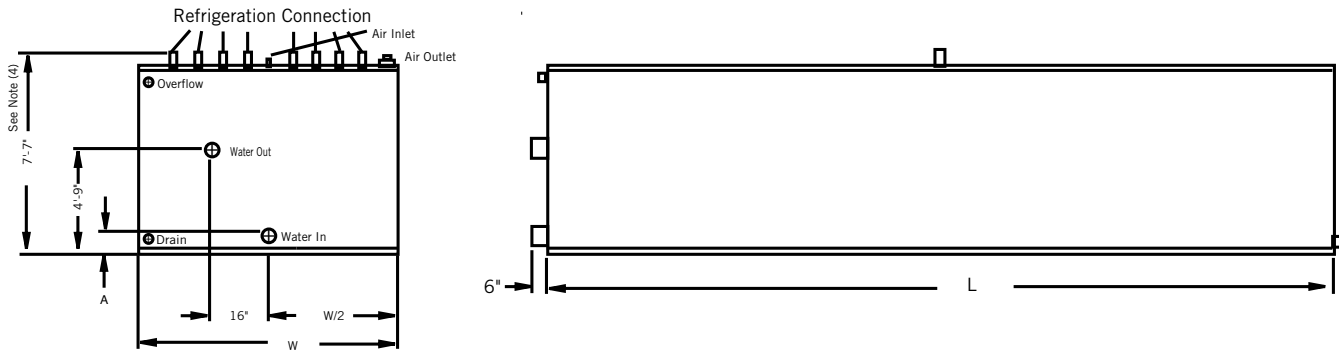


### NOTES:

1. All dimensions are in feet and inches. Weights are in pounds.
2. Pounds of ice capacity is based on R-717. For other refrigerants, consult your BAC Representative.
3. Dimensions showing location of connections are approximate and should not be used for prefabrication of connecting piping.
4. Dimension is installed height. Coils are capped for shipping and storage. Add 3 inches for shipping height.
5. Refrigerant charge listed is operating charge for gravity flooded system at 15°F (-9°C). For other feed systems, consult your BAC Representative.
6. ICE CHILLER® Thermal Storage Units should be continuously supported on a flat level surface.

# TSU (E, F, & G) Engineering Data

## NOMINAL 10' WIDE UNITS (CONTINUED): MODELS TSU-590E TO TSU-1080E AND TSU-675F TO TSU-1230F



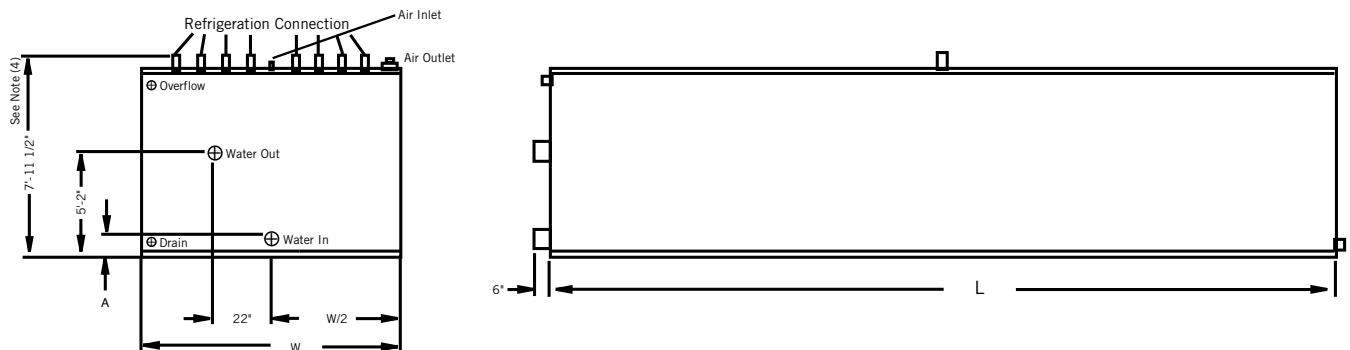
Model Number	LBS of Ice <sup>(2)</sup>		Approx. Shipping Weight (lbs)	Approx. Operating Weight (lbs)	Air Pump (HP)	Water Volume (gal)	Pull Down Volume (gal)	Coil Volume (ft <sup>3</sup> )	R-717 Charge (lbs) <sup>(5)</sup>	Water Conn. In/Out	W	L	A
	Gravity Flooded	Pump Recirculated											
<b>E Series</b>													
TSU-590E	44,650	48,150	18,200	106,900	3	10,240	1,320	42	1,140	6"	9'-9 3/8"	23'-11"	6"
TSU-700E	52,560	56,560	20,820	124,500	3	12,030	1,540	47	1,275	6"	9'-9 3/8"	27'-11"	6"
TSU-810E	60,730	64,890	24,300	144,400	5	13,790	1,760	53	1,440	8"	9'-9 3/8"	31'-10"	7"
TSU-910E	68,890	73,220	26,600	160,200	5	15,540	1,990	58	1,575	8"	9'-9 3/8"	35'-10"	7"
TSU-1080E	80,630	85,130	30,060	186,200	5	18,180	2,330	67	1,820	8"	9'-9 3/8"	41'-9"	7"
<b>F Series</b>													
TSU-675F	51,150	54,980	19,240	107,900	3	10,200	190	46	1,250	6"	9'-9 3/8"	23'-11"	6"
TSU-800F	60,140	64,220	21,960	125,600	3	11,980	230	52	1,410	6"	9'-9 3/8"	27'-11"	6"
TSU-920F	69,470	73,800	25,380	143,700	5	13,700	260	59	1,600	8"	9'-9 3/8"	31'-10"	7"
TSU-1040F	78,891	83,300	27,820	161,300	5	15,480	290	65	1,765	8"	9'-9 3/8"	35'-10"	7"
TSU-1230F	92,460	96,130	31,460	187,500	5	18,100	340	74	2,010	8"	9'-9 3/8"	41'-9"	7"



### NOTES:

1. All dimensions are in feet and inches. Weights are in pounds.
2. Pounds of ice capacity is based on R-717. For other refrigerants, consult your BAC Representative.
3. Dimensions showing location of connections are approximate and should not be used for prefabrication of connecting piping.
4. Dimension is installed height. Coils are capped for shipping and storage. Add 3 inches for shipping height.
5. Refrigerant charge listed is operating charge for gravity flooded system at 15°F (-9°C). For other feed systems, consult your BAC Representative.
6. ICE CHILLER® Thermal Storage Units should be continuously supported on a flat level surface.

## NOMINAL 12' WIDE UNITS: MODELS TSU-840F TO TSU-1520F AND TSU-940G TO TSU-1710G



Model Number	LBS of Ice <sup>(2)</sup>		Approx. Shipping Weight (lbs)	Approx. Operating Weight (lbs)	Air Pump (HP)	Water Volume (gal)	Pull Down Volume (gal)	Coil Volume (ft <sup>3</sup> )	R-717 Charge (lbs) <sup>(5)</sup>	Water Conn. In/Out	W	L	A
	Gravity Flooded	Pump Recirculated											
<b>F Series</b>													
TSU-840F	62,980	68,310	24,120	146,500	5	14,240	1,800	55	1,490	8"	11'-9"	23'-11"	7"
TSU-990F	74,470	80,470	26,900	170,000	5	16,650	2,100	63	1,710	8"	11'-9"	27'-11"	7"
TSU-1140F	85,880	92,960	31,460	200,600	5	19,080	2,320	71	1,925	8"	11'-9"	31'-10"	7"
TSU-1290F	97,380	105,210	34,340	218,800	5	21,500	2,710	78	2,115	8"	11'-9"	35'-10"	7"
TSU-1520F	114,540	123,280	38,660	254,400	5	25,150	2,900	90	2,440	8"	11'-9"	41'-9"	7"
<b>G Series</b>													
TSU-940G	70,890	75,970	25,440	147,700	5	13,960	280	61	1,655	8"	11'-9"	23'-11"	7"
TSU-1110G	83,880	89,630	28,340	171,400	5	16,350	330	70	1,900	8"	11'-9"	27'-11"	7"
TSU-1280G	96,880	102,380	33,220	196,900	5	18,730	380	79	2,145	8"	11'-9"	31'-10"	7"
TSU-1450G	109,540	114,790	36,260	220,600	5	21,110	420	87	2,360	8"	11'-9"	35'-10"	7"
TSU-1710G	129,120	132,700	40,820	256,400	5	24,690	490	100	2,710	8"	11'-9"	41'-9"	7"



### NOTES:

1. All dimensions are in feet and inches. Weights are in pounds.
2. Pounds of Ice Capacity is based on R-717. For other refrigerants, consult your BAC Representative.
3. Dimensions showing location of connections are approximate and should not be used for prefabrication of connecting piping.
4. Dimension is installed height. Coils are capped for shipping and storage. Add 3 inches for shipping height.
5. Refrigerant charge listed is operating charge for gravity flooded system at 15°F (-9°C). For other feed systems, consult your BAC Representative.
6. ICE CHILLER® Thermal Storage Units should be continuously supported on a flat level surface.