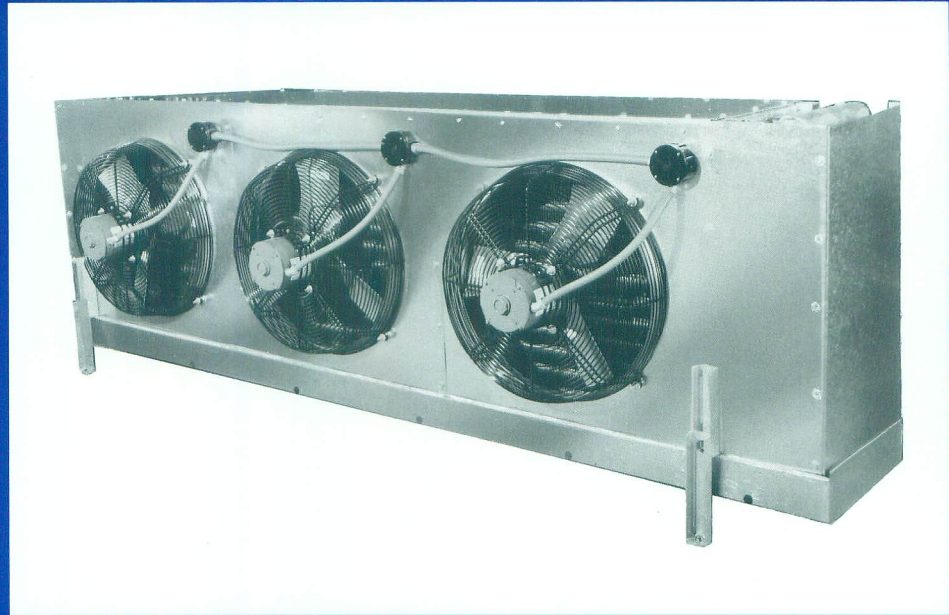


U SERIES UNIT COOLERS

Air, Hot Gas
and
Water Defrost



190 Models

STANDARD FEATURES

CASING

The unit casing is fabricated with heavy gauge, corrosion resistant mill galvanized steel. Casing end panels are easily removed for internal inspection. Fan sections are compartmented to allow fan cycling and to prevent idle fans from turning in reverse. Fan panels have deep spun orifices for efficient fan performance.

COIL

The cooling coil is constructed with steel tubes staggered in the direction of air flow to assure maximum air turbulence and coil heat transfer efficiency.

The coil is available with 3, 4 or 6 fins per inch with tubes and fins supported by heavy gauge flanged tube sheets. The entire coil assembly is hot dip galvanized after fabrication. Coils are tested before and after galvanizing with 350 psig air pressure.

Each coil is circuited for the operating conditions to which it will be exposed. This assures proper gas velocities through the tubes and that refrigerant pressure drops will be kept to a minimum.

All coils can be circuited for:

- Liquid Recirculation Thermal Expansion
- Flooded Feed Brine Circulation

DRAIN PAN

The drain pans are constructed of heavy gauge mill galvanized steel and shipped in place on the unit. All pans are a smooth surface, sloped front to back with an end drain to assure rapid and complete condensate drainage.

MOTORS & FANS

The fan motors are TEAO (Totally Enclosed Air Over) single or three phase, ball bearing, 1140 rpm with internal thermal overload protection. Low temperature grease is provided when required.

Direct drive axial propeller fans are of heavy duty construction. Fan guards meet OSHA standards, and are PVC coated.

OPTIONAL ARRANGEMENTS

INSULATED DRAIN PAN

Polyurethane foam insulation is injected between the inner drain pan and outer cover. Both the inner drain pan and outer cover are fabricated from mill galvanized steel as standard equipment.

HOT GAS HEATED DRAIN PAN

A multicircuited pan coil is welded to the underside of the inner pan. The inner pan and pan coil are hot dip galvanized after fabrication as a one piece assembly. This coil design reduces pressure drop, increases hot gas flow and shortens overall defrost times.

PAN COIL CHECK VALVE

A check valve with piping can be provided connecting the pan coil outlet with the cooling coil hot gas inlet. This piping is mounted inside the unit casing.

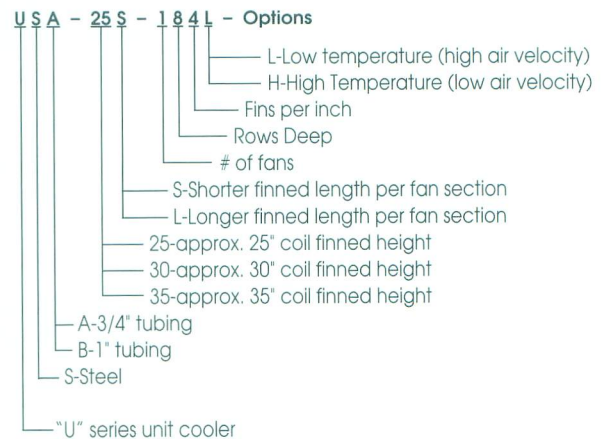
WATER DEFROST

Spray trees with full coverage non-clogging nozzles and oversized drain pan and connections are provided. Spray tree and nozzles are easily accessible.

MOTOR WIRING

Individual fan motors factory pre-wired to a junction box. A factory-mounted disconnect is also available.

KEY TO MODEL NUMBERS



**U SERIES
UNIT COOLER
SPECIFICATIONS**

Unit Cooler Model Numbers	Coil Capacity*		Coil Physical Data						Air Data					Wt. Lbs.
	Wet	Frosted	Rows	FPI	Face Area	Surface Sq. Ft.	Vol Cu. Ft.	Fan Dia.	Flow		MTRS		Sound** dBA	
	LR & FL	LR & FL							CFM	FPM	Qty.	HP		
USB - 25S - 163H	1,998	1,816	6	3	5.03	331	0.76	20	3,106	617	1	1/4	66.0	560
USB - 25S - 164H	2,165	1,968	6	4	5.03	429	0.76	20	3,056	607	1	1/4	66.0	590
USB - 25S - 166H	2,430		6	6	5.03	624	0.76	20	2,976	591	1	1/3	67.0	660
USB - 25S - 163L		2,086	6	3	5.03	331	0.76	20	3,977	790	1	1/2	69.5	560
USB - 25S - 164L		2,262	6	4	5.03	429	0.76	20	3,867	768	1	1/2	69.5	590
USB - 30S - 163H	2,373	2,157	6	3	6.04	397	0.92	22	3,661	606	1	1/4	66.5	610
USB - 30S - 164H	2,566	2,333	6	4	6.04	515	0.92	22	3,595	595	1	1/4	66.5	650
USB - 30S - 166H	2,991		6	6	6.04	749	0.92	22	3,716	615	1	1/3	67.5	730
USB - 30S - 163L		2,474	6	3	6.04	397	0.92	22	4,670	773	1	1/2	69.5	610
USB - 30S - 164L		2,688	6	4	6.04	515	0.92	22	4,561	755	1	1/2	69.5	650
USB - 35S - 163H	2,808	2,553	6	3	7.05	463	1.07	24	4,377	621	1	1/3	68.5	670
USB - 35S - 164H	3,040	2,764	6	4	7.05	601	1.07	24	4,300	610	1	1/3	68.5	710
USB - 35S - 166H	3,412		6	6	7.05	874	1.07	24	4,187	594	1	1/2	69.5	800
USB - 35S - 163L		2,866	6	3	7.05	463	1.07	24	5,378	763	1	1/2	69.5	670
USB - 35S - 164L		3,112	6	4	7.05	601	1.07	24	5,251	745	1	1/2	69.5	710
USB - 35L - 163H	3,390	3,082	6	3	8.75	575	1.28	26	5,180	592	1	1/2	69.5	750
USB - 35L - 164H	3,663	3,330	6	4	8.75	746	1.28	26	5,084	581	1	1/2	69.5	810
USB - 35L - 166H	4,101		6	6	8.75	1084	1.28	26	4,944	565	1	1/2	69.5	920
USB - 35L - 163L		3,723	6	3	8.75	575	1.28	30	7,263	830	1	3/4	79.0	750
USB - 35L - 164L		4,060	6	4	8.75	746	1.28	30	7,114	813	1	3/4	79.0	810
USB - 35L - 183H	4,213	3,830	8	3	8.75	767	1.70	26	5,451	623	1	1/2	69.5	910
USB - 35L - 184H	4,472	4,065	8	4	8.75	994	1.70	26	5,303	606	1	1/2	69.5	990
USB - 35L - 186H	5,088		8	6	8.75	1446	1.70	26	5,434	621	1	3/4	70.0	1140
USB - 35L - 183L		4,416	8	3	8.75	767	1.70	30	6,878	786	1	3/4	79.0	910
USB - 35L - 184L		4,730	8	4	8.75	994	1.70	30	6,694	765	1	3/4	79.0	990
USB - 25S - 263H	3,995	3,632	6	3	10.07	662	1.38	20	6,213	617	2	1/4	69.0	910
USB - 25S - 264H	4,330	3,936	6	4	10.07	858	1.38	20	6,112	607	2	1/4	69.0	980
USB - 25S - 266H	4,860		6	6	10.07	1248	1.38	20	5,951	591	2	1/3	70.0	1110
USB - 25S - 263L		4,172	6	3	10.07	662	1.38	20	7,955	790	2	1/2	72.5	910
USB - 25S - 264L		4,524	6	4	10.07	858	1.38	20	7,733	768	2	1/2	72.5	980
USB - 30S - 263H	4,745	4,314	6	3	12.08	794	1.65	22	7,323	606	2	1/4	69.5	1000
USB - 30S - 264H	5,133	4,666	6	4	12.08	1030	1.65	22	7,190	595	2	1/4	69.5	1080
USB - 30S - 266H	5,982		6	6	12.08	1498	1.65	22	7,431	615	2	1/3	70.5	1240
USB - 30S - 263L		4,948	6	3	12.08	794	1.65	22	9,340	773	2	1/2	72.5	1000
USB - 30S - 264L		5,376	6	4	12.08	1030	1.65	22	9,123	755	2	1/2	72.5	1080
USB - 35S - 263H	5,617	5,106	6	3	14.10	927	1.93	24	8,754	621	2	1/3	71.5	1100
USB - 35S - 264H	6,081	5,528	6	4	14.10	1201	1.93	24	8,599	610	2	1/3	71.5	1190
USB - 35S - 266H	6,824		6	6	14.10	1747	1.93	24	8,374	594	2	1/2	72.5	1360
USB - 35S - 263L		5,732	6	3	14.10	927	1.93	24	10,756	763	2	1/2	72.5	1100
USB - 35S - 264L		6,224	6	4	14.10	1201	1.93	24	10,502	745	2	1/2	72.5	1190

*Capacity in BTUH/°F TD is based on sensible heat removal. Fan motor heat is not included in the rating. And 4,000 BTUH/FAN HP to load estimate. For brine systems, consult factory for rating information.
 **Noise levels are based on fan manufacturer's data. Actual levels may vary due to installation environment.

■ Shaded units have higher face velocities and should only be used in applications with room temperature below 32°F. Use in higher temperature rooms may result in moisture carryover.

■ Capacity ratings are based on sensible heat removal and are expressed in BTUH/°F TD for wet and frosted coil operation. The temperature difference or TD is the difference between room temperature and coil evaporation temperature.

U S E R I E S
U N I T C O O L E R
S P E C I F I C A T I O N S

Unit Cooler Model Numbers	Coil Capacity*		Coil Physical Data					Air Data					Wt. Lbs.	
	Wet	Frosted	Rows	FPI	Face Area	Surface Sq. Ft.	Vol Cu. Ft.	Fan Dia.	Flow		MTRS	Sound**		
	LR & FL	LR & FL							CFM	FPM	Qty. & HP	dBA		
USB - 35L - 263H	6,780	6,164	6	3	17.50	1151	2.35	26	10,360	592	2	1/2	72.1	1280
USB - 35L - 264H	7,326	6,660	6	4	17.50	1491	2.35	26	10,168	581	2	1/2	72.1	1400
USB - 35L - 266H	8,202		6	6	17.50	2169	2.35	26	9,888	565	2	1/2	72.1	1630
USB - 35L - 263L		7,446	6	3	17.50	1151	2.35	30	14,525	830	2	3/4	81.6	1280
USB - 35L - 264L		8,120	6	4	17.50	1491	2.35	30	14,228	813	2	3/4	81.6	1400
USB - 35L - 283H	8,426	7,660	8	3	17.50	1534	3.13	26	10,903	623	2	1/2	72.1	1610
USB - 35L - 284H	8,943	8,130	8	4	17.50	1988	3.13	26	10,605	606	2	1/2	72.1	1770
USB - 35L - 286H	10,176		8	6	17.50	2892	3.13	26	10,868	621	2	3/4	72.6	2080
USB - 35L - 283L		8,832	8	3	17.50	1534	3.13	30	13,755	786	2	3/4	81.6	1610
USB - 35L - 284L		9,460	8	4	17.50	1988	3.13	30	13,388	765	2	3/4	81.6	1770
USB - 25S - 363H	5,993	5,448	6	3	15.10	993	1.99	20	9,319	617	3	1/4	70.3	1260
USB - 25S - 364H	6,494	5,904	6	4	15.10	1287	1.99	20	9,168	607	3	1/4	70.3	1360
USB - 25S - 366H	7,290		6	6	15.10	1872	1.99	20	8,927	591	3	1/3	71.3	1560
USB - 25S - 363L		6,258	6	3	15.10	993	1.99	20	11,932	790	3	1/2	73.8	1260
USB - 25S - 364L		6,786	6	4	15.10	1287	1.99	20	11,600	768	3	1/2	73.8	1360
USB - 30S - 363H	7,118	6,471	6	3	18.13	1192	2.39	22	10,984	606	3	1/4	70.8	1390
USB - 30S - 364H	7,699	6,999	6	4	18.13	1544	2.39	22	10,784	595	3	1/4	70.8	1510
USB - 30S - 366H	8,973		6	6	18.13	2246	2.39	22	11,147	615	3	1/3	71.8	1750
USB - 30S - 363L		7,422	6	3	18.13	1192	2.39	22	14,011	773	3	1/2	73.8	1390
USB - 30S - 364L		8,064	6	4	18.13	1544	2.39	22	13,684	755	3	1/2	73.8	1510
USB - 35S - 363H	8,425	7,659	6	3	21.15	1390	2.79	24	13,132	621	3	1/3	72.8	1520
USB - 35S - 364H	9,121	8,292	6	4	21.15	1802	2.79	24	12,899	610	3	1/3	72.8	1660
USB - 35S - 366H	10,236		6	6	21.15	2621	2.79	24	12,561	594	3	1/2	73.8	1930
USB - 35S - 363L		8,598	6	3	21.15	1390	2.79	24	16,134	763	3	1/2	73.8	1520
USB - 35S - 364L		9,336	6	4	21.15	1802	2.79	24	15,754	745	3	1/2	73.8	1660
USB - 35L - 363H	10,171	9,246	6	3	26.25	1726	3.42	26	15,540	592	3	1/2	73.4	1820
USB - 35L - 364H	10,989	9,990	6	4	26.25	2237	3.42	26	15,251	581	3	1/2	73.4	1990
USB - 35L - 366H	12,303		6	6	26.25	3253	3.42	26	14,831	565	3	1/2	73.4	2340
USB - 35L - 363L		11,169	6	3	26.25	1726	3.42	30	21,788	830	3	3/4	82.9	1820
USB - 35L - 364L		12,180	6	4	26.25	2237	3.42	30	21,341	813	3	3/4	82.9	1990
USB - 35L - 383H	12,639	11,490	8	3	26.25	2301	4.55	26	16,354	623	3	1/2	73.4	2320
USB - 35L - 384H	13,415	12,195	8	4	26.25	2982	4.55	26	15,908	606	3	1/2	73.4	2550
USB - 35L - 386H	15,264		8	6	26.25	4338	4.55	26	16,301	621	3	3/4	73.9	3010
USB - 35L - 383L		13,248	8	3	26.25	2301	4.55	30	20,633	786	3	3/4	82.9	2320
USB - 35L - 384L		14,190	8	4	26.25	2982	4.55	30	20,081	765	3	3/4	82.9	2550
USB - 25S - 463H	7,990	7,264	6	3	20.14	1324	2.61	20	12,426	617	4	1/4	71.3	1610
USB - 25S - 464H	8,659	7,872	6	4	20.14	1716	2.61	20	12,224	607	4	1/4	71.3	1740
USB - 25S - 466H	9,720		6	6	20.14	2496	2.61	20	11,902	591	4	1/3	72.3	2010
USB - 25S - 463L		8,344	6	3	20.14	1324	2.61	20	15,910	790	4	1/2	74.8	1610
USB - 25S - 464L		9,048	6	4	20.14	1716	2.61	20	15,467	768	4	1/2	74.8	1740

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**Noise levels are based on fan manufacturer's data. Actual levels may vary due to installation environment.

■ Shaded units have higher face velocities and should only be used in applications with room temperature below 32°F. Use in higher temperature rooms may result in moisture carryover.

■ Capacity ratings are based on sensible heat removal and are expressed in BTUH/°F TD for wet and frosted coil operation. The temperature difference or TD is the difference between room temperature and coil evaporation temperature.

**U SERIES
UNIT COOLER
SPECIFICATIONS**

Unit Cooler Model Numbers	Coil Capacity*		Coil Physical Data					Air Data						Wt. Lbs.
	Wet	Frosted	Rows	FPI	Face Area	Surface Sq. Ft.	Vol Cu. Ft.	Fan Dia.	Flow		MTRS Qty. & HP	Sound** dBA		
	LR & FL	LR & FL							CFM	FPM				
USB - 30S - 463H	9,491	8,628	6	3	24.17	1589	3.13	22	14,645	606	4	1/4	71.8	1790
USB - 30S - 464H	10,265	9,332	6	4	24.17	2059	3.13	22	14,379	595	4	1/4	71.8	1950
USB - 30S - 466H	11,964		6	6	24.17	2995	3.13	22	14,863	615	4	1/3	72.8	2270
USB - 30S - 463L		9,896	6	3	24.17	1589	3.13	22	18,681	773	4	1/2	74.8	1790
USB - 30S - 464L		10,752	6	4	24.17	2059	3.13	22	18,246	755	4	1/2	74.8	1950
USB - 35S - 463H	11,233	10,212	6	3	28.19	1854	3.65	24	17,509	621	4	1/3	73.8	1950
USB - 35S - 464H	12,162	11,056	6	4	28.19	2402	3.65	24	17,199	610	4	1/3	73.8	2130
USB - 35S - 466H	13,648		6	6	28.19	3494	3.65	24	16,748	594	4	1/2	74.8	2490
USB - 35S - 463L		11,464	6	3	28.19	1854	3.65	24	21,512	763	4	1/2	74.8	1950
USB - 35S - 464L		12,448	6	4	28.19	2402	3.65	24	21,005	745	4	1/2	74.8	2130
USB - 35L - 463H	13,561	12,328	6	3	35.00	2301	4.48	26	20,720	592	4	1/2	74.2	2360
USB - 35L - 464H	14,652	13,320	6	4	35.00	2982	4.48	26	20,335	581	4	1/2	74.2	2590
USB - 35L - 466H	16,404		6	6	35.00	4338	4.48	26	19,775	565	4	1/2	74.2	3050
USB - 35L - 463L		14,892	6	3	35.00	2301	4.48	30	29,050	830	4	3/4	83.7	2360
USB - 35L - 464L		16,240	6	4	35.00	2982	4.48	30	28,455	813	4	3/4	83.7	2590
USB - 35L - 483H	16,852	15,320	8	3	35.00	3068	5.98	26	21,805	623	4	1/2	74.2	3020
USB - 35L - 484H	17,886	16,260	8	4	35.00	3976	5.98	26	21,210	606	4	1/2	74.2	3330
USB - 35L - 486H	20,352		8	6	35.00	5784	5.98	26	21,735	621	4	3/4	74.7	3940
USB - 35L - 483L		17,664	8	3	35.00	3068	5.98	30	27,510	786	4	3/4	83.7	3020
USB - 35L - 484L		18,920	8	4	35.00	3976	5.98	30	26,775	765	4	3/4	83.7	3330
USB - 25S - 563H	9,988	9,080	6	3	25.17	1655	3.22	20	15,532	617	5	1/4	71.9	1950
USB - 25S - 564H	10,824	9,840	6	4	25.17	2145	3.22	20	15,280	607	5	1/4	71.9	2120
USB - 25S - 566H	12,150		6	6	25.17	3120	3.22	20	14,878	591	5	1/3	72.9	2450
USB - 25S - 563L		10,430	6	3	25.17	1655	3.22	20	19,887	790	5	1/2	75.4	1950
USB - 25S - 564L		11,310	6	4	25.17	2145	3.22	20	19,333	768	5	1/2	75.4	2120
USB - 30S - 563H	11,864	10,785	6	3	30.21	1986	3.87	22	18,306	606	5	1/4	72.4	2180
USB - 30S - 564H	12,832	11,665	6	4	30.21	2574	3.87	22	17,974	595	5	1/4	72.4	2380
USB - 30S - 566H	14,955		6	6	30.21	3744	3.87	22	18,578	615	5	1/3	73.4	2780
USB - 30S - 563L		12,370	6	3	30.21	1986	3.87	22	23,351	773	5	1/2	75.4	2180
USB - 30S - 564L		13,440	6	4	30.21	2574	3.87	22	22,807	755	5	1/2	75.4	2380
USB - 35S - 563H	14,042	12,765	6	3	35.24	2317	4.51	24	21,886	621	5	1/3	74.4	2370
USB - 35S - 564H	15,202	13,820	6	4	35.24	3003	4.51	24	21,498	610	5	1/3	74.4	2600
USB - 35S - 566H	17,060		6	6	35.24	4368	4.51	24	20,934	594	5	1/2	75.4	3050
USB - 35S - 563L		14,330	6	3	35.24	2317	4.51	24	26,890	763	5	1/2	75.4	2370
USB - 35S - 564L		15,560	6	4	35.24	3003	4.51	24	26,256	745	5	1/2	75.4	2600
USB - 35L - 563H	16,951	15,410	6	3	43.75	2876	5.55	26	25,900	592	5	1/2	74.7	2890
USB - 35L - 564H	18,315	16,650	6	4	43.75	3728	5.55	26	25,419	581	5	1/2	74.7	3180
USB - 35L - 566H	20,505		6	6	43.75	5422	5.55	26	24,719	565	5	1/2	74.7	3760
USB - 35L - 563L		18,615	6	3	43.75	2876	5.55	30	36,313	830	5	3/4	84.2	2890
USB - 35L - 564L		20,300	6	4	43.75	3728	5.55	30	35,569	813	5	3/4	84.2	3180

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U SERIES
UNIT COOLER
SPECIFICATIONS

Unit Cooler Model Numbers	Coil Capacity*		Coil Physical Data					Air Data						Wt. Lbs.
	Wet	Frosted	Rows	FPI	Face Area	Surface Sq. Ft.	Vol Cu. Ft.	Fan Dia.	Flow		MTRS		Sound** dBA	
	LR & FL	LR & FL							CFM	FPM	Qty. & HP			
USB - 35L - 583H	21,065	19,150	8	3	43.75	3835	7.41	26	27,256	623	5	1/2	74.7	3720
USB - 35L - 584H	22,358	20,325	8	4	43.75	4970	7.41	26	26,513	606	5	1/2	74.7	4100
USB - 35L - 586H	25,440		8	6	43.75	7230	7.41	26	27,169	621	5	3/4	75.2	4870
USB - 35L - 583L		22,080	8	3	43.75	3835	7.41	30	34,388	786	5	3/4	84.2	3720
USB - 35L - 584L		23,650	8	4	43.75	4970	7.41	30	33,469	765	5	3/4	84.2	4100
USB - 25S - 663H	11,986	10,896	6	3	30.21	1986	3.84	20	18,639	617	6	1/4	72.4	2300
USB - 25S - 664H	12,989	11,808	6	4	30.21	2574	3.84	20	18,336	607	6	1/4	72.4	2500
USB - 25S - 666H	14,580		6	6	30.21	3744	3.84	20	17,853	591	6	1/3	73.4	2900
USB - 25S - 663L		12,516	6	3	30.21	1986	3.84	20	23,865	790	6	1/2	75.9	2300
USB - 25S - 664L		13,572	6	4	30.21	2574	3.84	20	23,200	768	6	1/2	75.9	2500
USB - 30S - 663H	14,236	12,942	6	3	36.25	2383	4.61	22	21,968	606	6	1/4	72.9	2580
USB - 30S - 664H	15,398	13,998	6	4	36.25	3089	4.61	22	21,569	595	6	1/4	72.9	2820
USB - 30S - 666H	17,946		6	6	36.25	4493	4.61	22	22,294	615	6	1/3	73.9	3290
USB - 30S - 663L		14,844	6	3	36.25	2383	4.61	22	28,021	773	6	1/2	75.9	2580
USB - 30S - 664L		16,128	6	4	36.25	3089	4.61	22	27,369	755	6	1/2	75.9	2820
USB - 35S - 663H	16,850	15,318	6	3	42.29	2780	5.38	24	26,263	621	6	1/3	74.9	2800
USB - 35S - 664H	18,242	16,584	6	4	42.29	3604	5.38	24	25,798	610	6	1/3	74.9	3070
USB - 35S - 666H	20,472		6	6	42.29	5242	5.38	24	25,121	594	6	1/2	75.9	3610
USB - 35S - 663L		17,196	6	3	42.29	2780	5.38	24	32,269	763	6	1/2	75.9	2800
USB - 35S - 664L		18,672	6	4	42.29	3604	5.38	24	31,507	745	6	1/2	75.9	3070
USB - 35L - 663H	20,341	18,492	6	3	52.50	3452	6.62	26	31,080	592	6	1/2	75.0	3430
USB - 35L - 664H	21,978	19,980	6	4	52.50	4473	6.62	26	30,503	581	6	1/2	75.0	3770
USB - 35L - 666H	24,606		6	6	52.50	6507	6.62	26	29,663	565	6	1/2	75.0	4470
USB - 35L - 663L		22,338	6	3	52.50	3452	6.62	30	43,575	830	6	3/4	84.5	3430
USB - 35L - 664L		24,360	6	4	52.50	4473	6.62	30	42,683	813	6	3/4	84.5	3770
USB - 35L - 683H	25,278	22,980	8	3	52.50	4602	8.83	26	32,708	623	6	1/2	75.0	4420
USB - 35L - 684H	26,829	24,390	8	4	52.50	5965	8.83	26	31,815	606	6	1/2	75.0	4880
USB - 35L - 686H		30,528	8	6	52.50	8676	8.83	26	32,603	621	6	3/4	75.5	5810
USB - 35L - 683L		26,496	8	3	52.50	4602	8.83	30	41,265	786	6	3/4	84.5	4420
USB - 35L - 684L		28,380	8	4	52.50	5965	8.83	30	40,163	765	6	3/4	84.5	4880
USB - 25S - 763H	13,983	12,712	6	3	35.24	2317	4.46	20	21,745	617	7	1/4	72.8	2650
USB - 25S - 764H	15,154	13,776	6	4	35.24	3003	4.46	20	21,393	607	7	1/4	72.8	2880
USB - 25S - 766H	17,010		6	6	35.24	4368	4.46	20	20,829	591	7	1/3	73.8	3350
USB - 25S - 763L		14,602	6	3	35.24	2317	4.46	20	27,842	790	7	1/2	76.3	2650
USB - 25S - 764L		15,834	6	4	35.24	3003	4.46	20	27,067	768	7	1/2	76.3	2880
USB - 30S - 763H	16,609	15,099	6	3	42.29	2780	5.35	22	25,629	606	7	1/4	73.3	2970
USB - 30S - 764H	17,964	16,331	6	4	42.29	3604	5.35	22	25,164	595	7	1/4	73.3	3250
USB - 30S - 766H	20,937		6	6	42.29	5242	5.35	22	26,009	615	7	1/3	74.3	3610
USB - 30S - 763L		17,318	6	3	42.29	2780	5.35	22	32,691	773	7	1/2	76.3	2970
USB - 30S - 764L		18,816	6	4	42.29	3604	5.35	22	31,930	755	7	1/2	76.3	3250

*Capacity in BTUH/°F TD is based on sensible heat removal. Fan motor heat is not included in the rating. And 4,000 BTUH/FAN HP to load estimate. For brine systems, consult factory for rating information.
**Noise levels are based on fan manufacturer's data. Actual levels may vary due to installation environment.

■ Shaded units have higher face velocities and should only be used in applications with room temperature below 32°F. Use in higher temperature rooms may result in moisture carryover.

■ Capacity ratings are based on sensible heat removal and are expressed in BTUH/°F TD for wet and frosted coil operation. The temperature difference or TD is the difference between room temperature and coil evaporation temperature.

U SERIES

UNIT COOLER

SPECIFICATIONS

Unit Cooler Model Numbers	Coil Capacity*		Coil Physical Data					Air Data					Wt. Lbs.	
	Wet LR & FL	Frosted LR & FL	Rows	FPI	Face Area	Surface Sq. Ft.	Vol Cu. Ft.	Fan Dia.	Flow		MTRS			Sound** dBA
									CFM	FPM	Qty. & HP			
USB - 35S - 763H	19,658	17,871	6	3	49.34	3244	6.24	24	30,640	621	7	1/3	75.3	3230
USB - 35S - 764H	21,283	19,348	6	4	49.34	4204	6.24	24	30,098	610	7	1/3	75.3	3540
USB - 35S - 766H	23,884		6	6	49.34	6115	6.24	24	29,308	594	7	1/2	76.3	4170
USB - 35S - 763L		20,062	6	3	49.34	3244	6.24	24	37,647	763	7	1/2	76.3	3230
USB - 35S - 764L		21,784	6	4	49.34	4204	6.24	24	36,759	745	7	1/2	76.3	3540
USB - 35L - 763H	23,731	21,574	6	3	61.25	4027	7.69	26	36,260	592	7	1/2	75.3	3960
USB - 35L - 764H	25,641	23,310	6	4	61.25	5219	7.69	26	35,586	581	7	1/2	75.3	4370
USB - 35L - 766H	28,7076		6	6	1.25	7591	7.69	26	34,606	565	7	1/2	75.3	5180
USB - 35L - 763L		26,061	6	3	61.25	4027	7.69	30	50,838	830	7	3/4	84.8	3960
USB - 35L - 764L		28,420	6	4	61.25	5219	7.69	30	49,796	813	7	3/4	84.8	4370
USB - 35L - 783H	29,491	26,810	8	3	61.25	5369	10.26	26	38,159	623	7	1/2	75.3	5120
USB - 35L - 784H	31,301	28,455	8	4	61.25	6959	10.26	26	37,118	606	7	1/2	75.3	5660
USB - 35L - 786H	35,616		8	6	61.25	10122	10.26	26	38,036	621	7	3/4	75.8	6740
USB - 35L - 783L		30,912	8	3	61.25	5369	10.26	30	48,143	786	7	3/4	84.8	5120
USB - 35L - 784L		33,110	8	4	61.25	6959	10.26	30	46,856	765	7	3/4	84.8	5660
USB - 25S - 863H	15,981	14,528	6	3	40.28	2648	5.07	20	24,851	617	8	1/4	73.1	3000
USB - 25S - 864H	17,318	15,744	6	4	40.28	3432	5.07	20	24,449	607	8	1/4	73.1	3270
USB - 25S - 866H	19,440		6	6	40.28	4992	5.07	20	23,804	591	8	1/3	74.1	3800
USB - 25S - 863L		16,688	6	3	40.28	2648	5.07	20	31,819	790	8	1/2	76.6	3000
USB - 25S - 864L		18,096	6	4	40.28	3432	5.07	20	30,933	768	8	1/2	76.6	3270
USB - 30S - 863H	18,982	17,256	6	3	48.33	3178	6.08	22	29,290	606	8	1/4	73.6	3360
USB - 30S - 864H	20,530	18,664	6	4	48.33	4118	6.08	22	28,758	595	8	1/4	73.6	3690
USB - 30S - 866H	23,928		6	6	48.33	5990	6.08	22	29,725	615	8	1/3	74.6	4320
USB - 30S - 863L		19,792	6	3	48.33	3178	6.08	22	37,362	773	8	1/2	76.6	3360
USB - 30S - 864L		21,504	6	4	48.33	4118	6.08	22	36,492	755	8	1/2	76.6	3690
USB - 35S - 863H	22,466	20,424	6	3	56.39	3707	7.10	24	35,018	621	8	1/3	75.6	3650
USB - 35S - 864H	24,323	22,112	6	4	56.39	4805	7.10	24	34,397	610	8	1/3	75.6	4010
USB - 35S - 866H	27,296		6	6	56.39	6989	7.10	24	33,495	594	8	1/2	76.6	4730
USB - 35S - 863L		22,928	6	3	56.39	3707	7.10	24	43,025	763	8	1/2	76.6	3650
USB - 35S - 864L		24,896	6	4	56.39	4805	7.10	24	42,010	745	8	1/2	76.6	4010

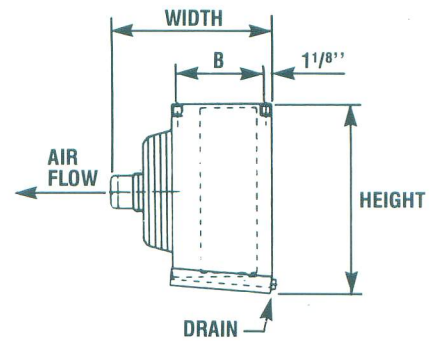
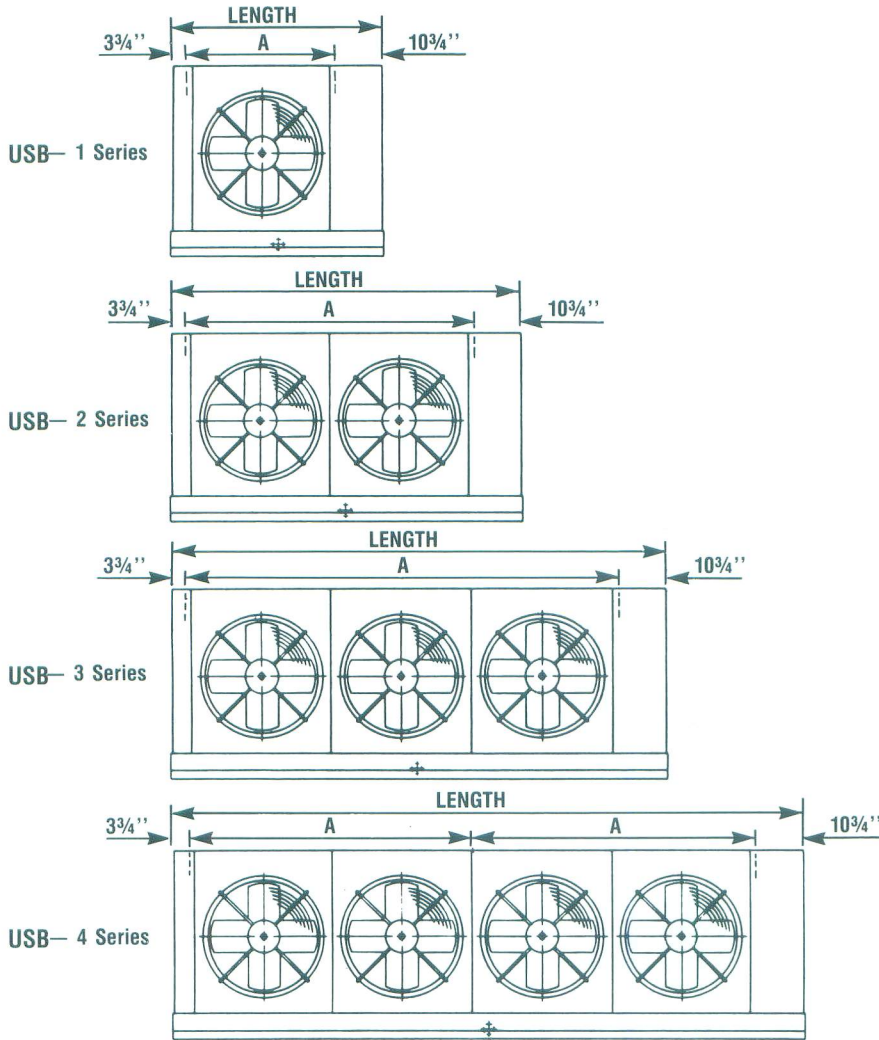
*Capacity in BTUH/°F TD is based on sensible heat removal. Fan motor heat is not included in the rating. And 4,000 BTUH/FAN HP to load estimate. For brine systems, consult factory for rating information.

**Noise levels are based on fan manufacturer's data. Actual levels may vary due to installation environment.

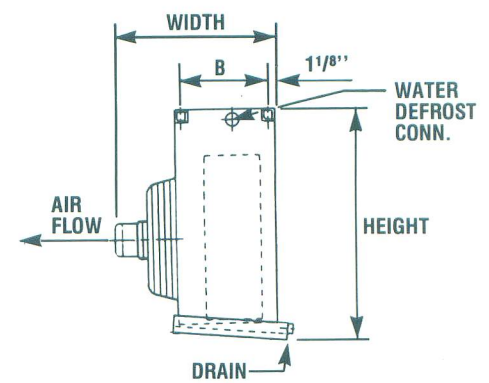
■ Shaded units have higher face velocities and should only be used in applications with room temperature below 32°F. Use in higher temperature rooms may result in moisture carryover.

■ Capacity ratings are based on sensible heat removal and are expressed in BTUH/°F TD for wet and frosted coil operation. The temperature difference or TD is the difference between room temperature and coil evaporation temperature.

USB
DIMENSIONAL
DATA



**END VIEW
STANDARD UNIT**

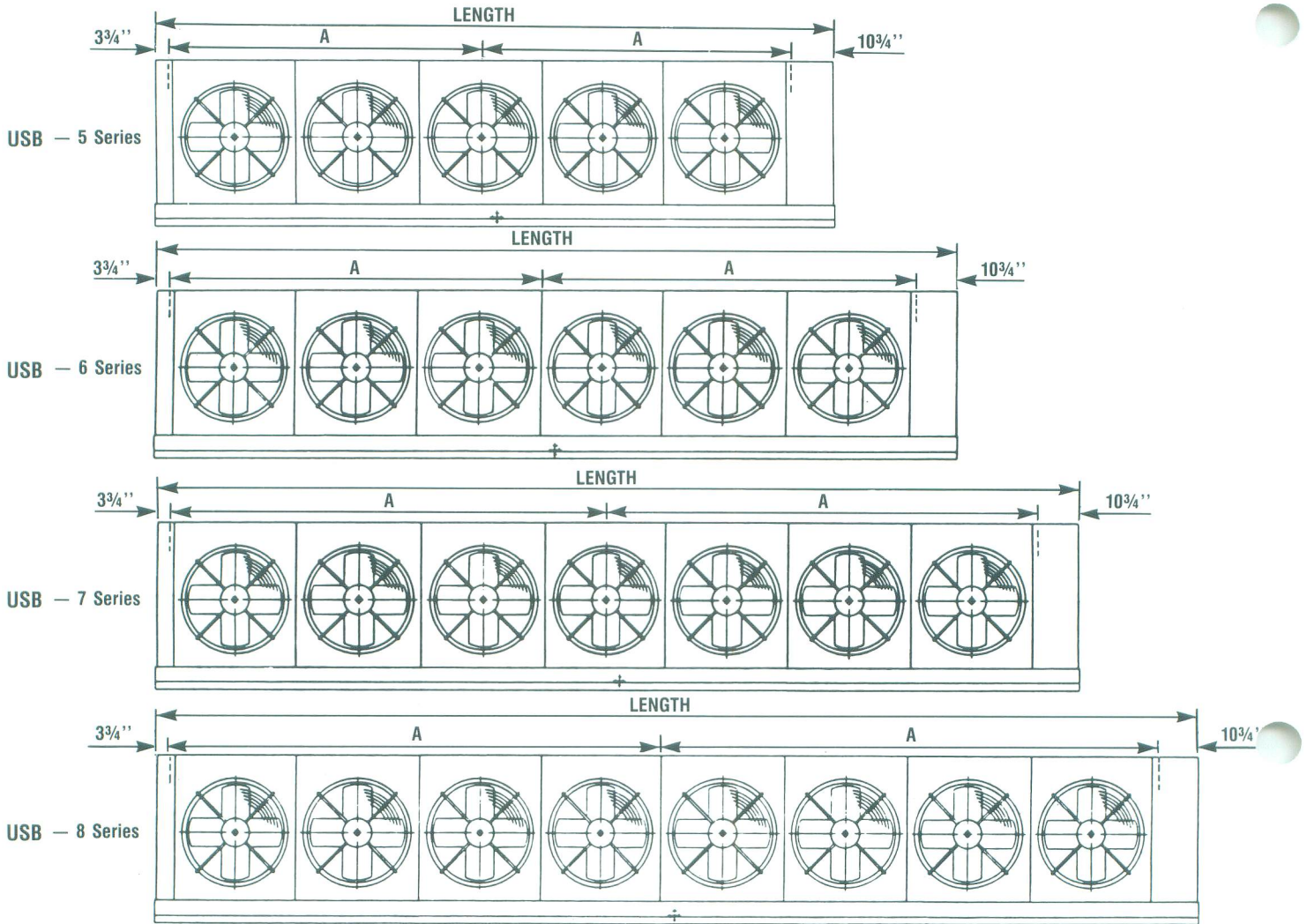


**END VIEW
WATER DEFROST UNIT**

MODEL	STANDARD UNIT				HANGER		WATER DEFROST UNIT				
	OVERALL			DRAIN FPT	CENTERS (3)		OVERALL			WATER CONN.	
	LENGTH	WIDTH	HEIGHT (1)		A	B	LENGTH	WIDTH	HEIGHT (2)	MPT (IN)	FPT (DRAIN)
USB-25S-1	47½	34	30	1½	33	18¾	47½	42	37	1½	1½
USB-30S-1	47½	34	35	1½	33	18¾	47½	42	42	1½	1½
USB-35S-1	47½	34	40	1½	33	18¾	47½	42	47	1½	1½
USB-35L-16	54½	34	41	1½	40	18¾	54½	42	49	1½	2
USB-35L-18	54½	38	41	1½	40	22¾	54½	46	49	1½	2
USB-25S-2	76½	34	30	1½	62	18¾	76½	42	37	1½	2
USB-30S-2	76½	34	35	1½	62	18¾	76½	42	42	1½	2
USB-35S-2	76½	34	40	1½	62	18¾	76½	42	47	1½	2
USB-35L-26	90½	34	41	1½	76	18¾	90½	42	49	1½	2
USB-35L-28	90½	38	41	1½	76	22¾	90½	46	49	1½	2
USB-25S-3	105½	34	30	1½	91	18¾	105½	42	38	1½	2½
USB-30S-3	105½	34	35	1½	91	18¾	105½	42	43	1½	2½
USB-35S-3	105½	34	40	1½	91	18¾	105½	42	48	1½	2½
USB-35L-36	126½	34	41	1½	112	18¾	126½	42	50	2	2½
USB-35L-38	126½	38	41	1½	112	22¾	126½	46	50	2	2½
USB-25S-4	134½	34	30	1½	60	18¾	134½	42	39	2	3
USB-30S-4	134½	34	35	1½	60	18¾	134½	42	44	2	3
USB-35S-4	134½	34	40	1½	60	18¾	134½	42	49	2	3
USB-35L-46	162½	34	41	1½	74	18¾	162½	42	51	2	3
USB-35L-48	162½	38	41	1½	74	22¾	162½	46	51	2	3

(1) Includes insulated pan with hot gas pan oil. (2) Includes insulated pan.
 (3) Hanger holes are 5/8" dia. 1,2,3, fan series have four mounting locations. 4,5,6,7,8 fan series have six mounting locations.

**USB
DIMENSIONAL
DATA**



MODEL	STANDARD UNIT				HANGER		WATER DEFROST UNIT				
	OVERALL			DRAIN FPT	CENTERS (3)		OVERALL			WATER CONN.	
	LENGTH	WIDTH	HEIGHT (1)		A	B	LENGTH	WIDTH	HEIGHT (2)	MPT (IN)	FPT (DRAIN)
USB-25S-5	163½	34	30	1½	74½	18¾	163½	42	39	2	3
USB-30S-5	163½	34	35	1½	74½	18¾	163½	42	44	2	3
USB-35S-5	163½	34	40	1½	74½	18¾	163½	42	49	2	3
USB-35L-56	198½	34	41	2	92	18¾	198½	42	51	2	3
USB-35L-58	198½	38	41	2	92	22¾	198½	46	52	2½	4
USB-25S-6	192½	34	30	1½	89	18¾	192½	42	39	2	3
USB-30S-6	192½	34	35	1½	89	18¾	192½	42	44	2	3
USB-35S-6	192½	34	40	1½	89	18¾	192½	42	49	2	3
USB-35L-66	234½	34	41	2	110	18¾	234½	42	52	2½	4
USB-35L-68	234½	38	41	2	110	22¾	234½	46	52	2½	4
USB-25S-7	221½	34	30	1½	103½	18¾	221½	42	39	2½	3
USB-30S-7	221½	34	35	1½	103½	18¾	221½	42	44	2½	3
USB-35S-7	221½	34	40	1½	103½	18¾	221½	42	49	2½	3
USB-35L-76	270½	34	41	2	128	18¾	270½	42	52	2½	4
USB-35L-78	270½	38	41	2	128	22¾	270½	46	52	2½	4
USB-25S-8	250½	34	30	1½	118	18¾	250½	42	41	2½	4
USB-30S-8	250½	34	35	1½	118	18¾	250½	42	46	2½	4
USB-35S-8	250½	34	40	1½	118	18¾	250½	42	51	2½	4

- (1) Includes insulated pan with hot gas pan oil.
- (2) Includes insulated pan
- (3) Hanger holes are 5/8" dia. 1,2,3, fan series have four mounting locations.
4,5,6,7,8 fan series have six mounting locations.

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