



تهویه دماوند پارس
طراح و سازنده تجهیزات تهویه مطبوع

HYUNDAI
CLIMATE CONTROL CO., LTD.
نماینده محصولات تهویه مطبوع هیوندای کره در ایران



چیلر تراکمی با کمپرسور اسکرو

Screw Chillers

دفتر مرکزی: تهران بزرگراه جلال آل احمد، بین پل گیشا و پل آزمایش، پلاک ۱۱۳، طبقه سوم، واحد ۶

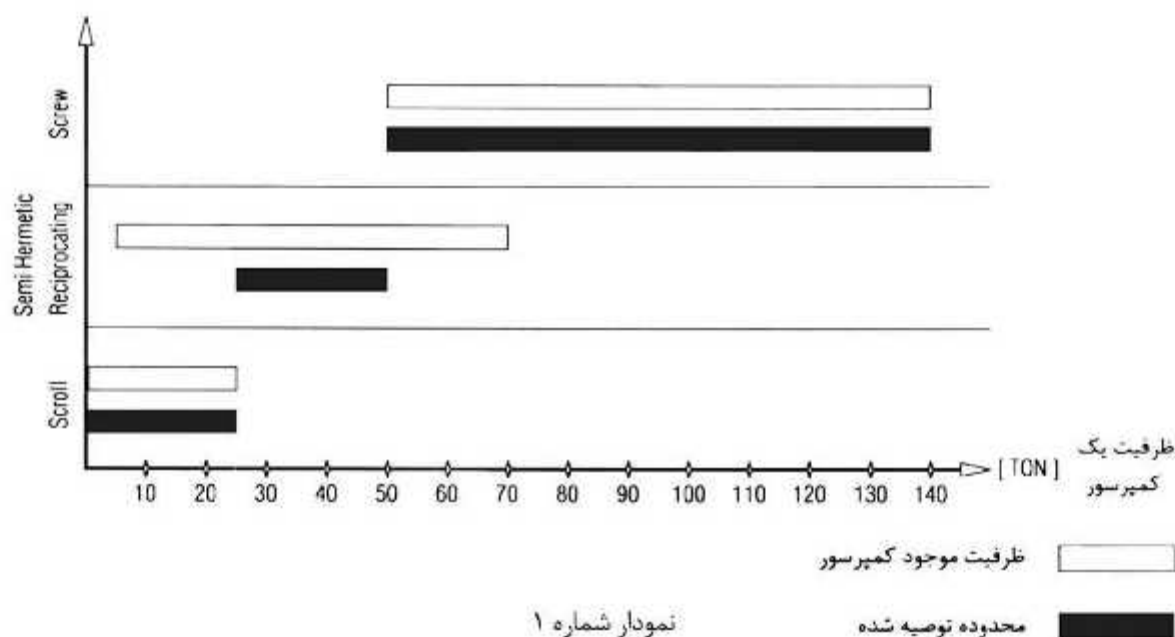
تلفن: (۰۲۱) ۸۸۲۶۲۲۹۹ - فاکس: ۸۸۲۴۰۸۶۵

www.Damavandac.com

بسمه تعالی

کمپرسورهایی که امروزه در صنایع تهویه مطبوع در کشورهای مختلف استفاده میشوند عبارتند از: نوع Scroll و نوع Screw. بدلیل مزایایی که این کمپرسورها نسبت به نوع رفت و برگشتی دارند کارخانجات سازنده کمپرسور توصیه اکید بر جایگزینی این نوع کمپرسورها بجای نوع رفت و برگشتی در هر جا که امکان پذیر است دارند. در همین راستا شرکت تهویه دماوند پارس نیز علاوه بر ساخت چیلرهای مجهز به کمپرسورهای رفت و برگشتی اقدام به طراحی و ساخت چیلرهای جدید خود بر مبنای این دو نوع کمپرسور نموده است که مزایای هریک در کاتالوگ مربوطه بیان شده است. نمودار شماره یک نشاندهنده محدوده توصیه شده برای استفاده از هریک از انواع کمپرسورهای فوق الذکر میباشد.

چیلرهای تراکمی دارای کاربرد فراوانی در تهویه مطبوع میباشد، قلب این نوع چیلرها کمپرسور آنهاست. کمپرسور یکی از اساسی ترین قطعات یک چیلر تراکمی است و دارای نقشی تعیین کننده در رانندمان، کارایی، قابلیت اعتماد و چگونگی تعمیر و نگهداری چیلر و ... می باشد. به همین دلیل انتخاب صحیح نوع کمپرسور با توجه به کاربرد آن بسیار مهم است. اگرچه مرسوم ترین نوع کمپرسور در کشور ما نوع رفت و برگشتی است، ولی با پیشرفت تکنولوژی انواع مختلفی از کمپرسورها در دنیا تولید شده که هر کدام با توجه به خصوصیات مربوط به آنها سهم مهمی از بازار را به خود اختصاص داده اند، بطوریکه امروزه در دنیا کمپرسورهای رفت و برگشتی فقط در محدوده کوچکی مورد استفاده قرار میگیرند و در سایر موارد بدلیل مشکلاتی که دارند بطور کلی کنار گذاشته شده اند، دو نوع از مرسوم ترین



نمودار مذکور مربوط به چیلرهای تک کمپرسوره میباشد، چنانچه چیلرهای ۲ و چند کمپرسوره را نیز در نظر بگیریم، دیده میشود که در تمامی تناژها، کمپرسورهای رفت و برگشتی قابل جایگزینی با انواع Scroll یا Screw میباشد.

چیلرهای مجهز به کمپرسور Screw :

کمپرسورهای Screw دارای کاربرد وسیع و پیشینه طولانی در صنایع بوده و طی سالیان اخیر با ساخته شدن انواع جدید این کمپرسورها برای صنعت تهویه مطبوع ، و با توجه به مزایایی که دارند جایگزین کمپرسورهای رفت و برگشتی در تناژهای بالا شده اند .

در حال حاضر این کمپرسورها به سادگی یک کمپرسور پیستونی و بدون نیاز به تجهیزات اضافی قابل استفاده در دستگاههای تهویه مطبوع هستند .

مزایای این نوع کمپرسور بطور خلاصه عبارتند از :

۱- COP بالاتر :

COP این نوع کمپرسورها بالاتر از انواع رفت و برگشتی میباشد که به معنی مصرف برق کمتر و کندانسور یا برج خنک کننده کوچکتر در تناژ مساوی میباشد .

۲- استهلاک پایین :

بدلیل وجود قطعات متحرک کمتر و حرکت دورانی بجای رفت و برگشتی ، این نوع کمپرسورها استهلاک کمتری نسبت به نوع رفت و برگشتی دارند و میزان خرابی آنها به مراتب کمتر است .

۳- مقاومت در مقابل بازگشت مایع :

بازگشت مایع به کمپرسور یکی از عوامل اصلی خرابی آن است در این نوع کمپرسور بدلیل نحوه تراکم گاز و عدم وجود (Valve plate) مشابه آنچه در کمپرسورهای رفت و برگشتی وجود دارد ، حساسیت بسیار کمتری در مقابل بازگشت مایع وجود دارد .

۴- قابلیت وسیع برای کنترل ظرفیت :

در این نوع کمپرسورها علاوه بر امکان کنترل ظرفیت بصورت پله ای ، قابلیت کنترل ظرفیت بصورت پیوسته نیز وجود دارد که باعث عملکرد بهتر کل سیستم میگردد .

۵- ظرفیت های بالاتر :

این نوع کمپرسورها در تناژهای 50 الی 250 تن ساخته میشود و با توجه به قابلیت بالای کنترل ظرفیت برای استفاده در تناژهای بالای 50 تن بسیار مناسب است .

۶- ارتعاش کمتر :

بدلیل چرخشی بودن حرکت ، این نوع کمپرسور در مقایسه با نوع رفت و برگشتی دارای ارتعاش بسیار کمتری است . کاتالوگ حاضر در برگیرنده مشخصات چیلرهای ساخت شرکت تهویه دماوند پارس که مجهز به این نوع کمپرسورها

هستند میباشد .

روش انتخاب :

اثر ضریب رسوب :

ضریب رسوب آب در گردش در کندانسور و اواپراتور نقش مهمی در کارایی چیلر دارد . ضریب رسوب اعمال شده در طراحی کندانسور و اواپراتور معادل $0.0005 \text{ [ft}^2 \cdot ^\circ\text{F} \cdot \text{hr} / \text{BTU}]$ می باشد . چنانچه ضریب رسوب آب مورد استفاده بیش از این مقدار باشد ، جهت اعمال اثر ضریب رسوب مطابق استاندارد ARI-560 عمل میشود . طبق این استاندارد برای کندانسور به ازاء هر $0.0005 \text{ [ft}^2 \cdot ^\circ\text{F} \cdot \text{hr} / \text{BTU}]$ افزایش ضریب رسوب 2.5°F به دمای آب خروجی از کندانسور اضافه میشود و در اواپراتور نیز به ازاء هر $0.0005 \text{ [ft}^2 \cdot ^\circ\text{F} \cdot \text{hr} / \text{BTU}]$ افزایش ضریب رسوب 2°F از دمای آب سرد خروجی از چیلر کاسته میگردد .

مثال ۱:

چیلر با کندانسور آبی مجهز به کمپرسور Screw مورد نیاز برای سرد کردن 492 [GPM] آب از دمای 55°F به 45°F را انتخاب نمایید ، دمای ورودی آب کندانسور 82.5°F ، دمای خروج آب کندانسور 92.5°F ، ضریب رسوب آب در اواپراتور $0.0005 \text{ [ft}^2 \cdot ^\circ\text{F} \cdot \text{hr} / \text{BTU}]$ و کندانسور 0.001 میباشد .

حل :

ظرفیت سرمایی مورد نظر عبارت است از :

$$\text{Cap.} = \frac{\text{GPM} \times 500 \times \text{Chilled water range}}{12000} \\ = \frac{492 \times 500 \times (55 - 45)}{12000} = 205 \text{ [Tons]}$$

با توجه به اینکه ضریب رسوب در کندانسور به میزان $0.0005 \text{ [ft}^2 \cdot ^\circ\text{F} \cdot \text{hr} / \text{BTU}]$ بیش از مقدار لحاظ شده در طراحی میباشد ، برای مراجعه به جدول 2.5°F به دمای آب خروجی از کندانسور اضافه میشود :

$\text{Cond. Water leaving Temp.} = 92.5 + 2.5 = 95^\circ\text{F}$
باید توجه نمود که این تغییر دما فقط برای مراجعه به جدول بوده و برای سایر محاسبات از همان مقادیر واقعی استفاده میشود . در مورد اواپراتور ، ضریب رسوب با مقدار لحاظ شده در طراحی برابر بوده ، بنابراین هنگام مراجعه به جدول برای انتخاب چیلر ، دمای آب سرد خروجی همان 45°F است .

$$= \frac{264 \times 500 \times (57 - 47)}{12000} = 110 [\text{Tons}]$$

با توجه به اینکه ضریب رسوب در اواپراتور به میزان $0.0005 [\text{ft}^2 \cdot ^\circ\text{F} \cdot \text{hr} / \text{BTU}]$ بیش از میزان لحاظ شده در طراحی میباشد، برای مراجعه به جدول 2°F از دمای آب سرد خروجی کاسته میشود:

$$\text{Chilled water leaving temp.} = 47 - 2 = 45^\circ\text{F}$$

باید توجه داشت که این تغییر دما فقط برای مراجعه به جدول بوده و در سایر موارد از همان مقادیر واقعی استفاده میشود.

با مراجعه به جدول شماره 16 برای چیلر DSLC-140-1A با توجه به دمای تقطیر 120°F در کندانسور و دمای آب خروجی 45°F ظرفیت واقعی عبارتست از:

$$\text{Actual Cap.} = 110.4 [\text{Tons}]$$

که جوابگوی ظرفیت مورد نیاز میباشد، همچنین اطلاعات زیر را میتوان از جدول مذکور استخراج نمود:

Electric power:	108.4 [Kw]
Electric current :	189.3 [A]
Chilled water flow rate:	264.9 [GPM]
Chilled water pressure drop :	12.6 [ftw]
Total heat rejection:	1694.7 [MBH]

با مراجعه به جدول شماره 29 برای چیلر مدل DSLC-250-2W با دمای آب خروجی از کندانسور 95°F و دمای آب سرد خروجی 45°F ظرفیت واقعی عبارتست از:

$$\text{Actual Cap.} = 205.4 [\text{Tons}]$$

که جوابگوی ظرفیت مورد نظر میباشد. همچنین اطلاعات زیر را نیز میتوان از جدول مذکور استخراج نمود:

Electric power cons.:	164.6 [Kw]
Electric current :	294.5 [A]
Chilled water flow rate:	493.0 [GPM]
Chilled water pressure drop :	19.0 [ftw]
Cooling water flow rate:	605.4 [GPM]
Cooling water pressure drop:	6.0 [ftw]

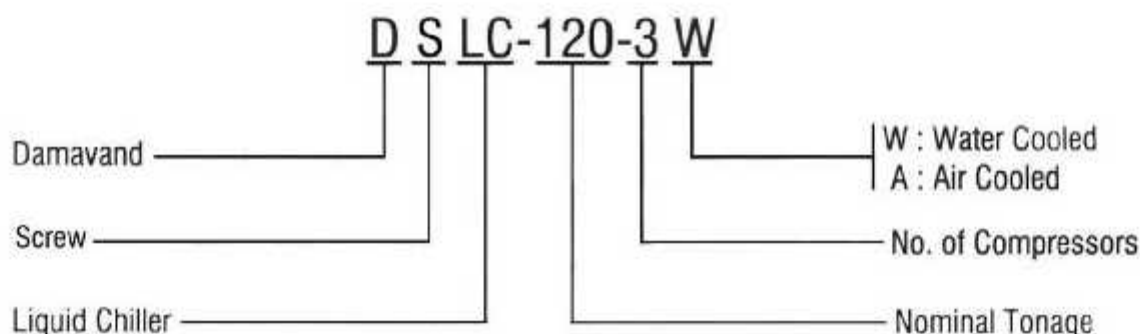
مثال ۲:

چیلر با کندانسور هوایی مجهز به کمپرسور Screw مورد نیاز برای سرد کردن $264 [\text{GPM}]$ آب از دمای 57°F به 47°F را انتخاب نمایید، دمای تقطیر در کندانسور 120°F ، و ضریب رسوب در اواپراتور معادل $0.001 [\text{ft}^2 \cdot ^\circ\text{F} \cdot \text{hr} / \text{BTU}]$ میباشد:

حل:

ظرفیت سرمایی مورد نظر عبارتست از:

$$\text{Cap.} = \frac{\text{GPM} \times 500 \times \text{Chilled water range}}{12000}$$



* توجه: حداکثر دمای تقطیر برای این نوع کمپرسور معادل 140°F (60°C) میباشد.

Table1

DSLС-50-1W

جدول شماره ۱

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	37.4	28.5	53.5	89.8	9.7	109.2	12.8
	44	38.9	28.8	53.9	93.3	10.5	113.0	13.7
	45	39.6	28.9	54.2	95.1	10.9	114.8	14.2
	46	40.4	29.1	54.4	97.0	11.3	116.8	14.7
90	42	36.3	29.9	55.6	87.1	9.1	107.5	12.4
	44	37.7	30.2	56.0	90.5	9.9	111.2	13.3
	45	38.5	30.3	56.2	92.3	10.3	113.0	13.7
	46	39.2	30.5	56.4	94.1	10.7	114.9	14.2
95	42	35.1	31.4	58.0	84.2	8.5	105.6	12.0
	44	36.5	31.7	58.3	87.6	9.2	109.2	12.8
	45	37.2	31.9	58.5	89.4	9.6	111.2	13.3
	46	38.0	32.0	58.7	91.2	10.0	113.0	13.7
100	42	33.9	33.1	60.3	81.3	8.0	103.9	11.6
	44	35.2	33.4	60.7	84.6	8.6	107.4	12.4
	45	36.0	33.5	60.9	86.3	9.0	109.2	12.8
	46	36.7	33.7	61.2	88.0	9.3	111.0	13.2
105	42	32.6	34.9	62.9	78.2	7.4	102.0	11.2
	44	33.9	35.1	63.4	81.5	8.0	105.4	11.9
	45	34.6	35.2	63.6	83.1	8.3	107.1	12.3
	46	35.3	35.4	63.8	84.8	8.7	109.0	12.7

Table2

DSLС-50-1A

جدول شماره ۲

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	33.6	34.9	62.9	80.7	7.8	522.7
	44	35.0	35.1	63.4	83.9	8.5	539.4
	45	35.6	35.2	63.6	85.6	8.8	547.2
	46	36.4	35.4	63.8	87.3	9.2	557.2
120	42	32.3	36.7	65.8	77.6	7.2	513.1
	44	33.7	37.0	66.2	80.8	7.9	530.2
	45	34.3	37.1	66.4	82.3	8.2	538.4
	46	35.0	37.2	66.6	84.0	8.5	548.9
125	42	31.0	38.6	68.7	74.4	6.7	503.6
	44	32.3	38.9	69.2	77.4	7.2	520.0
	45	32.9	39.0	69.4	79.0	7.5	528.1
	46	33.6	39.1	69.6	80.6	7.8	536.3
130	42	29.6	40.5	71.8	71.0	6.1	493.3
	44	30.8	40.8	72.2	74.0	6.6	509.4
	45	31.5	41.0	72.4	75.6	6.9	517.9
	46	32.1	41.1	72.6	77.2	7.2	526.1
135	42	28.1	42.5	74.8	67.5	5.5	482.4
	44	29.4	42.8	75.4	70.5	6.0	498.4
	45	30.0	43.0	75.6	72.0	6.2	506.6
	46	30.6	43.1	75.8	73.5	6.5	514.8

Table3

DSL-60-1W

جدول شماره ۳

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	46.5	34.6	64.7	111.6	17.0	135.2	6.4
	44	48.3	34.9	65.2	115.9	18.3	139.7	6.8
	45	49.2	35.0	65.4	118.1	19.0	142.0	7.0
	46	50.1	35.2	65.6	120.3	19.7	144.3	7.3
90	42	45.3	36.4	67.4	108.6	16.1	133.5	6.2
	44	47.0	36.7	67.7	112.9	17.4	137.9	6.6
	45	47.9	36.8	67.9	115.1	18.0	140.2	6.8
	46	48.8	37.0	68.1	117.2	18.7	142.5	7.1
95	42	44.0	38.4	70.2	105.6	15.2	131.8	6.1
	44	45.7	38.7	70.6	109.7	16.4	136.2	6.5
	45	46.6	38.8	70.7	111.8	17.0	138.3	6.7
	46	47.5	38.9	70.9	114.0	17.7	140.5	6.9
100	42	42.6	40.6	73.4	102.3	14.3	130.0	5.9
	44	44.3	40.8	73.7	106.4	15.4	134.2	6.3
	45	45.2	40.9	73.9	108.4	16.0	136.4	6.5
	46	46.1	41.1	74.0	110.5	16.7	138.6	6.7
105	42	41.2	42.9	76.7	98.9	13.3	128.2	5.7
	44	42.8	43.1	77.0	102.8	14.4	132.3	6.1
	45	43.7	43.2	77.1	104.8	15.0	134.3	6.3
	46	44.5	43.3	77.3	106.9	15.6	136.4	6.5

Table4

DSL-60-1A

جدول شماره ۴

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	42.5	42.9	76.6	102.0	14.2	653.5
	44	44.1	43.1	77.1	105.9	15.3	673.7
	45	45.0	43.2	77.2	107.9	15.9	683.9
	46	45.8	43.3	77.4	109.9	16.5	697.5
120	42	41.0	45.3	80.2	98.5	13.2	647.0
	44	42.6	45.5	80.6	102.3	14.3	663.8
	45	43.4	45.6	80.8	104.3	14.8	677.0
	46	44.3	45.7	80.9	106.2	15.4	687.2
125	42	39.5	47.7	84.0	94.7	12.2	633.4
	44	41.0	48.0	84.4	98.5	13.2	653.2
	45	41.8	48.1	84.6	100.4	13.7	663.1
	46	42.6	48.3	84.8	102.4	14.3	673.7
130	42	37.8	50.3	87.9	90.8	11.2	625.8
	44	39.4	50.6	88.4	94.5	12.2	645.2
	45	40.2	50.8	88.6	96.4	12.7	655.5
	46	41.0	50.9	88.8	98.3	13.2	665.4
135	42	36.1	52.9	92.0	86.7	10.3	614.2
	44	37.6	53.3	92.6	90.3	11.1	633.6
	45	38.4	53.5	92.9	92.2	11.6	643.5
	46	39.2	53.6	93.2	94.1	12.1	653.4

Table5

DSL-70-1W

جدول شماره 5

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	55.2	40.1	74.0	132.5	9.7	159.8	6.7
	44	57.5	40.6	74.7	137.9	10.5	165.6	7.2
	45	58.6	40.8	74.9	140.7	11.0	168.5	7.4
	46	59.7	41.0	75.3	143.4	11.4	171.4	7.7
90	42	53.4	42.0	76.8	128.2	9.1	156.9	6.4
	44	55.6	42.4	77.2	133.6	9.9	162.5	6.9
	45	56.8	42.6	77.6	136.2	10.3	165.3	7.2
	46	58.0	42.8	78.0	139.3	10.7	168.5	7.4
95	42	51.6	44.0	79.7	123.7	8.5	153.8	6.2
	44	53.7	44.4	80.2	129.0	9.2	159.3	6.6
	45	54.8	44.6	80.6	131.6	9.6	162.0	6.9
	46	56.0	44.8	80.9	134.3	10.0	164.9	7.1
100	42	49.6	46.2	83.0	119.0	7.8	150.6	5.9
	44	51.7	46.6	83.4	124.1	8.5	156.0	6.4
	45	52.8	46.8	83.8	126.7	8.9	158.7	6.6
	46	53.9	47.0	84.1	129.4	9.3	161.5	6.8
105	42	47.5	48.6	86.4	114.0	7.2	147.2	5.7
	44	49.6	48.9	87.0	119.0	7.8	152.4	6.1
	45	50.6	49.1	87.3	121.5	8.2	155.1	6.3
	46	51.7	49.3	87.5	124.1	8.5	157.8	6.5

Table6

DSL-70-1A

جدول شماره 6

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	49.0	48.6	86.4	117.7	7.7	754.5
	44	51.1	48.9	86.9	122.6	8.3	780.1
	45	52.1	49.1	87.3	125.2	8.7	793.4
	46	53.2	49.3	87.6	127.7	9.0	806.7
120	42	46.9	51.1	90.2	112.6	7.0	737.4
	44	48.9	51.5	90.7	117.4	7.6	762.7
	45	49.9	51.7	91.1	119.8	7.9	775.7
	46	51.0	51.9	91.4	122.4	8.3	789.0
125	42	44.7	53.8	94.2	107.2	6.4	719.7
	44	46.6	54.2	94.7	111.9	6.9	744.6
	45	47.6	54.4	95.1	114.3	7.2	757.2
	46	48.6	54.6	95.4	116.8	7.5	770.2
130	42	42.4	56.6	98.3	101.7	5.7	701.9
	44	44.3	57.0	98.9	106.3	6.3	725.2
	45	45.3	57.2	99.3	108.6	6.5	738.4
	46	46.3	57.4	99.6	111.0	6.8	751.1
135	42	40.0	59.4	102.6	96.1	5.1	683.1
	44	41.9	59.9	103.4	100.5	5.6	707.0
	45	42.8	60.1	103.7	102.8	5.9	719.3
	46	43.8	60.3	104.0	105.2	6.1	731.6

Table7

DSL-80-1W

جدول شماره ۷

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	63.4	47.1	85.8	152.3	15.8	184.4	5.5
	44	66.0	47.7	86.6	158.4	17.1	191.0	5.9
	45	67.1	47.9	87.1	161.1	17.7	193.8	6.1
	46	68.6	48.2	87.5	164.6	18.4	197.5	6.3
90	42	61.5	49.5	89.4	147.5	14.8	181.3	5.3
	44	64.0	50.0	90.1	153.6	16.1	187.8	5.7
	45	65.2	50.3	90.5	156.4	16.6	190.7	5.9
	46	66.6	50.5	90.9	159.8	17.4	194.3	6.1
95	42	59.5	52.1	93.4	142.7	13.9	178.3	5.1
	44	62.0	52.6	94.0	148.9	15.1	184.8	5.5
	45	63.2	52.8	94.4	151.6	15.6	187.6	5.7
	46	64.3	53.1	94.7	154.3	16.2	190.6	5.8
100	42	57.5	54.8	97.5	137.9	13.0	175.3	5.0
	44	59.7	55.3	98.2	143.4	14.0	181.1	5.3
	45	60.9	55.5	98.5	146.1	14.5	184.0	5.5
	46	62.3	55.8	98.9	149.5	15.2	187.6	5.7
105	42	55.3	57.8	101.9	132.7	12.0	172.1	4.8
	44	57.5	58.2	102.6	137.9	13.0	177.7	5.1
	45	58.6	58.4	102.9	140.7	13.5	180.5	5.2
	46	60.0	58.6	103.3	144.1	14.1	184.1	5.5

Table8

DSL-80-1A

جدول شماره ۸

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	57.2	57.8	101.9	137.2	12.8	883.5
	44	59.5	58.2	102.6	142.7	13.9	912.2
	45	60.6	58.4	102.9	145.4	14.4	926.6
	46	61.7	58.6	103.3	148.2	15.0	940.9
120	42	54.9	60.8	106.5	131.7	11.8	866.1
	44	57.2	61.2	107.3	137.2	12.8	895.2
	45	58.3	61.5	107.6	140.0	13.3	909.8
	46	59.5	61.7	107.9	142.7	13.9	924.2
125	42	52.6	64.0	111.4	126.3	10.9	849.7
	44	54.8	64.4	112.0	131.4	11.8	877.1
	45	55.9	64.6	112.4	134.1	12.2	891.1
	46	56.9	64.8	112.7	136.6	12.7	904.0
130	42	50.2	67.2	116.2	120.6	9.9	832.3
	44	52.4	67.6	117.1	125.8	10.8	859.6
	45	53.5	67.9	117.4	128.3	11.2	873.3
	46	54.6	68.1	117.8	131.0	11.7	887.3
135	42	47.8	70.4	121.3	114.7	9.0	813.9
	44	49.9	70.9	122.1	119.8	9.8	840.9
	45	51.0	71.2	122.5	122.3	10.2	854.5
	46	52.1	71.5	122.9	125.0	10.6	868.9

Table9

DSLCL-90-1W

جدول شماره ۹

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	72.3	52.5	99.4	173.4	8.4	209.3	5.3
	44	74.8	52.9	100.0	179.6	9.0	215.7	5.6
	45	76.2	53.1	100.2	183.0	9.4	219.2	5.8
	46	77.7	53.3	100.5	186.4	9.7	222.8	6.0
90	42	70.3	55.3	103.4	168.7	8.0	206.4	5.1
	44	73.1	55.7	104.0	175.5	8.6	213.5	5.5
	45	74.3	55.9	104.2	178.2	8.9	216.4	5.6
	46	75.7	56.1	104.5	181.6	9.2	219.9	5.8
95	42	68.3	58.3	107.8	163.9	7.5	203.7	5.0
	44	70.8	58.7	108.4	170.0	8.1	210.1	5.3
	45	72.3	58.9	108.6	173.4	8.4	213.6	5.5
	46	73.7	59.1	108.9	176.8	8.8	217.2	5.7
100	42	66.3	61.6	112.7	159.1	7.1	201.2	4.9
	44	68.8	62.0	113.3	165.2	7.6	207.6	5.2
	45	70.0	62.1	113.5	168.0	7.9	210.4	5.3
	46	71.4	62.3	113.8	171.4	8.2	213.9	5.5
105	42	64.0	65.0	117.9	153.6	6.6	198.0	4.7
	44	66.6	65.4	118.4	159.8	7.2	204.4	5.0
	45	67.7	65.6	118.7	162.5	7.4	207.3	5.2
	46	69.1	65.8	119.1	165.9	7.7	210.8	5.4

Table10

DSLCL-90-1A

جدول شماره ۱۰

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	66.0	65.0	117.9	158.4	7.0	1014.0
	44	68.6	65.4	118.4	164.6	7.6	1046.1
	45	69.7	65.6	118.7	167.3	7.8	1060.4
	46	71.1	65.8	119.1	170.7	8.2	1078.1
120	42	63.7	68.7	123.5	152.9	6.6	999.3
	44	66.3	69.0	124.1	159.1	7.1	1031.0
	45	67.4	69.2	124.4	161.8	7.3	1045.4
	46	68.8	69.4	124.6	165.2	7.6	1063.1
125	42	61.5	72.5	129.4	147.5	6.1	984.9
	44	63.7	72.9	130.0	152.9	6.6	1013.6
	45	64.9	73.1	130.3	155.7	6.8	1028.0
	46	66.3	73.3	130.6	159.1	7.1	1045.7
130	42	58.9	76.4	135.6	141.3	5.6	967.5
	44	61.2	76.8	136.3	146.8	6.0	995.2
	45	62.3	77.0	136.6	149.5	6.3	1010.5
	46	63.7	77.3	137.1	152.9	6.6	1028.6
135	42	56.2	80.3	141.9	134.9	5.1	948.4
	44	58.6	80.9	142.8	140.7	5.5	979.5
	45	59.7	81.1	143.3	143.4	5.8	993.8
	46	60.9	81.4	143.7	146.1	6.0	1008.5

Table11

DSLCL-110-1W

جدول شماره ۱۱

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	90.8	63.2	114.5	217.8	15.2	261.0	6.7
	44	94.5	63.9	115.6	226.7	16.4	270.3	7.2
	45	96.4	64.3	116.1	231.5	17.1	275.4	7.5
	46	98.4	64.7	116.7	236.2	17.8	280.4	7.7
90	42	87.9	66.1	118.9	211.0	14.2	256.1	6.5
	44	91.6	66.7	119.9	219.9	15.5	265.4	6.9
	45	93.3	67.1	120.4	224.0	16.0	269.8	7.2
	46	95.3	67.4	120.9	228.7	16.7	274.8	7.4
95	42	84.8	69.3	123.9	203.5	13.2	250.8	6.2
	44	88.5	69.9	124.8	212.4	14.4	260.1	6.7
	45	90.2	70.2	125.3	216.4	15.0	264.4	6.9
	46	92.2	70.6	125.8	221.2	15.6	269.4	7.1
100	42	81.7	72.8	129.3	196.0	12.3	245.7	5.9
	44	85.1	73.4	130.1	204.2	13.3	254.3	6.4
	45	87.1	73.7	130.6	208.9	14.0	259.3	6.6
	46	88.8	74.0	131.2	213.0	14.5	263.6	6.8
105	42	78.2	76.5	135.1	187.8	11.3	240.0	5.7
	44	81.7	77.1	135.9	196.0	12.3	248.6	6.1
	45	83.4	77.4	136.4	200.1	12.8	252.9	6.3
	46	85.1	77.7	136.9	204.2	13.3	257.2	6.5

Table12

DSLCL-110-1A

جدول شماره ۱۲

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	80.8	76.5	135.1	193.9	12.0	1230.8
	44	84.2	77.1	135.9	202.1	13.1	1273.8
	45	85.9	77.4	136.4	206.2	13.6	1295.3
	46	87.6	77.7	136.9	210.3	14.1	1316.8
120	42	77.4	80.5	141.3	185.7	11.0	1203.4
	44	80.5	81.1	142.2	193.2	11.9	1243.0
	45	82.2	81.4	142.6	197.3	12.4	1264.6
	46	83.9	81.7	143.2	201.4	13.0	1286.1
125	42	73.7	84.7	147.9	176.8	10.0	1173.4
	44	76.8	85.3	148.8	184.4	10.9	1213.0
	45	78.5	85.6	149.3	188.5	11.4	1234.5
	46	80.2	86.0	149.8	192.6	11.9	1256.4
130	42	69.7	89.1	154.7	167.3	8.9	1140.6
	44	72.8	89.7	155.8	174.8	9.8	1180.2
	45	74.5	90.1	156.3	178.9	10.2	1202.1
	46	76.2	90.4	156.8	183.0	10.7	1223.6
135	42	66.0	93.6	161.9	158.4	8.0	1111.6
	44	68.8	94.3	163.1	165.2	8.7	1148.1
	45	70.6	94.7	163.6	169.3	9.2	1170.0
	46	72.3	95.0	164.1	173.4	9.6	1191.5

Table13

DSLC-125-1W

جدول شماره ۱۳

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	103.3	73.4	133.7	247.9	12.4	298.0	5.8
	44	107.3	74.3	134.9	257.4	13.3	308.1	6.2
	45	109.2	74.7	135.6	262.2	13.8	313.2	6.4
	46	111.5	75.1	136.3	267.7	14.4	318.9	6.6
90	42	100.1	77.1	139.4	240.3	11.6	293.0	5.6
	44	104.1	77.9	140.5	249.9	12.6	303.1	6.0
	45	106.1	78.3	141.2	254.7	13.0	308.1	6.2
	46	108.1	78.7	141.8	259.5	13.5	313.2	6.4
95	42	97.0	81.2	145.5	232.8	10.9	288.3	5.4
	44	100.7	81.9	146.6	241.7	11.7	297.6	5.8
	45	102.7	82.3	147.3	246.5	12.2	302.7	6.0
	46	104.7	82.7	147.8	251.3	12.7	307.7	6.2
100	42	93.6	85.4	152.1	224.6	10.1	283.0	5.2
	44	97.3	86.1	153.3	233.5	11.0	292.3	5.6
	45	99.3	86.5	153.8	238.3	11.4	297.4	5.7
	46	101.3	86.9	154.3	243.1	11.9	302.4	5.9
105	42	89.9	90.0	159.2	215.8	9.4	277.2	5.0
	44	93.9	90.6	160.2	225.3	10.2	287.2	5.4
	45	95.6	91.0	160.7	229.4	10.6	291.6	5.5
	46	97.6	91.3	161.3	234.2	11.0	296.5	5.7

Table14

DSLC-125-1A

جدول شماره ۱۴

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	93.0	90.0	159.2	223.3	10.0	1423.6
	44	96.7	90.6	160.2	232.2	10.8	1470.1
	45	98.4	91.0	160.7	236.2	11.2	1491.9
	46	100.4	91.3	161.3	241.0	11.7	1516.8
120	42	89.3	94.7	166.6	214.4	9.2	1395.3
	44	93.0	95.4	167.7	223.3	10.0	1442.1
	45	94.7	95.7	168.2	227.4	10.4	1463.6
	46	96.7	96.1	168.7	232.2	10.8	1488.9
125	42	85.6	99.6	174.3	205.5	8.5	1367.7
	44	89.3	100.3	175.4	214.4	9.2	1414.4
	45	91.0	100.7	175.9	218.5	9.6	1436.3
	46	92.7	101.0	176.5	222.6	10.0	1457.8
130	42	81.9	104.6	182.1	196.6	7.8	1340.3
	44	85.4	105.4	183.4	204.8	8.4	1384.0
	45	87.1	105.7	183.9	208.9	8.8	1405.5
	46	88.8	106.1	184.5	213.0	9.1	1427.4
135	42	78.0	109.7	190.1	187.1	7.0	1310.0
	44	81.4	110.5	191.5	195.3	7.7	1353.7
	45	83.1	110.9	192.2	199.4	8.0	1375.5
	46	84.8	111.3	192.8	203.5	8.3	1397.4

Table15

DSLCL-140-1W

جدول شماره ١٥

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	118.1	82.2	148.8	283.4	14.4	339.5	4.6
	44	122.6	82.9	149.8	294.3	15.5	350.9	5.0
	45	124.9	83.2	150.2	299.7	16.1	356.6	5.1
	46	127.2	83.5	150.7	305.2	16.7	362.2	5.3
90	42	114.9	86.6	155.5	275.9	13.6	335.0	4.5
	44	119.5	87.2	156.4	286.8	14.7	346.3	4.8
	45	121.8	87.5	156.8	292.2	15.3	352.0	5.0
	46	124.0	87.8	157.4	297.7	15.9	357.7	5.2
95	42	111.8	91.3	162.7	268.3	12.9	330.7	4.4
	44	116.1	91.9	163.7	278.6	13.9	341.3	4.7
	45	118.4	92.2	164.1	284.0	14.5	347.0	4.8
	46	120.6	92.5	164.5	289.5	15.0	352.7	5.0
100	42	108.4	96.4	170.6	260.1	12.1	326.0	4.3
	44	112.7	97.0	171.5	270.4	13.1	336.6	4.6
	45	114.7	97.3	171.9	275.2	13.6	341.6	4.7
	46	116.9	97.6	172.3	280.6	14.1	347.3	4.9
105	42	104.7	101.8	178.9	251.3	11.3	320.8	4.1
	44	109.0	102.4	179.8	261.5	12.3	331.4	4.4
	45	111.0	102.6	180.3	266.3	12.7	336.3	4.6
	46	113.2	102.9	180.7	271.8	13.2	342.0	4.7

Table16

DSLCL-140-1A

جدول شماره ١٦

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	108.1	101.8	178.9	259.5	12.1	1644.9
	44	112.1	102.4	179.8	269.0	13.0	1694.7
	45	114.4	102.6	180.3	274.5	13.5	1722.7
	46	116.4	102.9	180.7	279.3	14.0	1747.6
120	42	104.4	107.5	187.9	250.9	11.3	1619.9
	44	108.4	108.1	188.7	260.1	12.1	1669.8
	45	110.4	108.4	189.3	264.9	12.6	1694.7
	46	112.7	108.7	189.7	270.4	13.1	1723.1
125	42	100.4	113.4	197.2	241.0	10.4	1592.3
	44	104.4	114.1	198.2	250.6	11.3	1642.5
	45	106.4	114.4	198.6	255.4	11.7	1667.4
	46	108.4	114.7	199.2	260.1	12.1	1692.3
130	42	96.4	119.5	206.8	231.5	9.6	1565.3
	44	100.1	120.2	208.0	240.3	10.4	1612.1
	45	102.1	120.6	208.5	245.1	10.8	1637.4
	46	104.1	120.9	209.1	249.9	11.2	1662.3
135	42	91.9	125.7	216.8	220.5	8.7	1531.9
	44	95.9	126.6	217.9	230.1	9.5	1582.7
	45	97.9	127.0	218.9	234.9	9.9	1608.0
	46	99.9	127.4	220.0	239.7	10.3	1633.3

Table17

DSLCL-100-2W

جدول شماره ١٧

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	74.8	57.0	106.9	179.6	10.6	218.5	12.8
	44	77.8	57.6	107.8	186.7	11.5	226.0	13.7
	45	79.3	57.8	108.4	190.2	12.0	229.7	14.2
	46	80.8	58.2	108.8	193.9	12.4	233.7	14.7
90	42	72.5	59.8	111.2	174.1	10.0	214.9	12.4
	44	75.4	60.4	112.0	181.1	10.8	222.3	13.3
	45	76.9	60.6	112.4	184.6	11.3	226.0	13.7
	46	78.4	61.0	112.8	188.2	11.7	229.8	14.2
95	42	70.2	62.8	115.8	168.4	9.4	211.3	12.0
	44	73.0	63.4	116.6	175.2	10.1	218.5	12.8
	45	74.5	63.8	117.1	178.8	10.6	222.3	13.3
	46	76.0	64.0	117.5	182.3	11.0	226.0	13.7
100	42	67.7	66.2	120.6	162.5	8.7	207.7	11.6
	44	70.5	66.8	121.5	169.2	9.5	214.8	12.4
	45	71.9	67.0	121.9	172.6	9.8	218.4	12.8
	46	73.3	67.4	122.3	176.0	10.2	222.0	13.2
105	42	65.2	69.8	125.9	156.4	8.1	204.0	11.2
	44	67.9	70.2	126.7	162.9	8.8	210.8	11.9
	45	69.2	70.4	127.2	166.2	9.1	214.3	12.3
	46	70.7	70.8	127.6	169.6	9.5	218.0	12.7

Table18

DSLCL-100-2A

جدول شماره ١٨

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	67.3	69.8	125.9	161.4	8.6	1045.4
	44	69.9	70.2	126.7	167.8	9.3	1078.8
	45	71.3	70.4	127.2	171.1	9.7	1095.9
	46	72.7	70.8	127.6	174.5	10.1	1114.3
120	42	64.6	73.4	131.6	155.1	7.9	1026.3
	44	67.3	74.0	132.4	161.6	8.6	1060.4
	45	68.6	74.2	132.8	164.7	9.0	1076.8
	46	70.0	74.4	133.3	168.0	9.3	1093.9
125	42	62.0	77.2	137.5	148.7	7.3	1007.1
	44	64.5	77.8	138.3	154.9	7.9	1039.9
	45	65.8	78.0	138.7	158.0	8.2	1056.3
	46	67.1	78.2	139.2	161.1	8.6	1072.7
130	42	59.2	81.0	143.6	142.0	6.7	986.6
	44	61.7	81.6	144.4	148.0	7.2	1018.7
	45	63.0	82.0	144.8	151.2	7.5	1035.8
	46	64.3	82.2	145.3	154.3	7.9	1052.2
135	42	56.2	85.0	149.7	134.9	6.0	964.8
	44	58.7	85.6	150.7	140.9	6.6	996.9
	45	60.0	86.0	151.2	143.9	6.8	1013.3
	46	61.3	86.2	151.6	147.1	7.1	1029.7

Table19

DSLCL-120-2W

جدول شماره ۱۹

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	93.0	69.2	129.5	223.1	14.0	270.4	6.4
	44	96.6	69.8	130.3	231.7	15.1	279.4	6.8
	45	98.4	70.0	130.7	236.1	15.7	283.9	7.0
	46	100.3	70.4	131.2	240.6	16.3	288.7	7.3
90	42	90.5	72.8	134.7	217.3	13.3	267.0	6.2
	44	94.1	73.4	135.4	225.7	14.3	275.9	6.6
	45	95.9	73.6	135.8	230.1	14.9	280.4	6.8
	46	97.7	74.0	136.2	234.5	15.4	285.0	7.1
95	42	88.0	76.8	140.4	211.1	12.5	263.6	6.1
	44	91.4	77.4	141.3	219.5	13.5	272.3	6.5
	45	93.1	77.6	141.5	223.5	14.0	276.5	6.7
	46	95.0	77.8	141.9	227.9	14.6	281.0	6.9
100	42	85.2	81.2	146.7	204.6	11.7	260.0	5.9
	44	88.7	81.6	147.4	212.8	12.7	268.5	6.3
	45	90.4	81.8	147.8	216.9	13.2	272.7	6.5
	46	92.1	82.2	148.0	221.1	13.7	277.2	6.7
105	42	82.4	85.8	153.3	197.7	11.0	256.3	5.7
	44	85.7	86.2	154.1	205.7	11.9	264.5	6.1
	45	87.3	86.4	154.3	209.6	12.3	268.6	6.3
	46	89.0	86.6	154.7	213.7	12.8	272.8	6.5

Table20

DSLCL-120-2A

جدول شماره ۲۰

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	85.0	85.8	153.3	204.0	11.7	1313.0
	44	88.3	86.2	154.1	211.8	12.6	1353.3
	45	89.9	86.4	154.3	215.8	13.1	1373.8
	46	91.6	86.6	154.7	219.9	13.6	1395.0
120	42	82.0	90.6	160.4	196.9	10.9	1293.9
	44	85.2	91.0	161.3	204.6	11.7	1333.5
	45	86.9	91.2	161.7	208.5	12.2	1354.0
	46	88.5	91.4	161.9	212.5	12.7	1374.5
125	42	78.9	95.4	168.0	189.4	10.1	1272.7
	44	82.0	96.0	168.8	196.9	10.9	1312.3
	45	83.6	96.2	169.3	200.7	11.3	1332.1
	46	85.3	96.6	169.7	204.7	11.8	1353.3
130	42	75.7	100.6	175.8	181.6	9.3	1251.6
	44	78.7	101.2	176.8	189.0	10.0	1290.5
	45	80.3	101.6	177.3	192.8	10.4	1311.0
	46	81.9	101.8	177.7	196.6	10.9	1330.8
135	42	72.3	105.8	184.0	173.4	8.4	1228.4
	44	75.3	106.6	185.3	180.7	9.2	1267.3
	45	76.8	107.0	185.9	184.4	9.5	1287.1
	46	78.4	107.2	186.3	188.2	9.9	1306.9

Table21

DSL-140-2W

جدول شماره ۲۱

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	110.4	80.2	148.0	264.9	14.1	319.7	6.7
	44	114.9	81.2	149.3	275.9	15.3	331.3	7.2
	45	117.2	81.6	149.9	281.3	15.9	337.0	7.4
	46	119.5	82.0	150.7	286.8	16.5	342.8	7.7
90	42	108.9	84.0	153.5	265.5	13.2	313.8	6.4
	44	111.3	84.8	154.5	267.1	14.3	325.0	6.9
	45	113.5	85.2	155.2	272.4	14.9	330.6	7.2
	46	116.1	85.6	156.0	278.6	15.6	337.0	7.4
95	42	103.1	88.0	159.4	247.4	12.3	307.5	6.2
	44	107.5	88.8	160.4	258.0	13.4	318.6	6.6
	45	109.6	89.2	161.1	263.2	13.9	324.1	6.9
	46	111.9	89.6	161.7	268.6	14.5	329.8	7.1
100	42	99.2	92.4	165.9	238.0	11.4	301.1	5.9
	44	103.4	93.2	166.9	248.3	12.4	311.9	6.4
	45	105.6	93.6	167.6	253.5	12.9	317.4	6.6
	46	107.8	94.0	168.2	258.8	13.5	323.0	6.8
105	42	95.0	97.2	172.8	228.1	10.5	294.4	5.7
	44	99.2	97.8	173.9	238.0	11.4	304.8	6.1
	45	101.3	98.2	174.5	243.1	11.9	310.1	6.3
	46	103.4	98.6	175.2	248.3	12.4	315.6	6.5

Table22

DSL-140-2A

جدول شماره ۲۲

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	98.1	97.2	172.8	235.4	11.1	1509.0
	44	102.2	97.8	173.9	245.3	12.1	1560.2
	45	104.3	98.2	174.5	250.3	12.6	1586.8
	46	106.4	98.6	175.2	255.4	13.1	1613.5
120	42	93.8	102.2	180.4	225.2	10.2	1474.9
	44	97.8	103.0	181.5	234.7	11.1	1525.4
	45	99.9	103.4	182.1	239.7	11.5	1551.3
	46	102.0	103.8	182.7	244.7	12.0	1578.0
125	42	89.3	107.6	188.4	214.4	9.2	1439.3
	44	93.3	108.4	189.5	223.8	10.1	1489.2
	45	95.3	108.8	190.1	228.6	10.5	1514.5
	46	97.3	109.2	190.7	233.5	11.0	1540.4
130	42	84.8	113.2	196.6	203.5	8.3	1403.8
	44	88.6	114.0	197.9	212.6	9.1	1452.3
	45	90.6	114.4	198.5	217.3	9.5	1476.9
	46	92.5	114.8	199.2	222.0	9.9	1502.2
135	42	80.1	118.8	205.3	192.1	7.4	1366.3
	44	83.8	119.8	206.7	201.0	8.1	1414.1
	45	85.7	120.2	207.4	205.7	8.5	1438.7
	46	87.6	120.6	208.0	210.3	8.9	1463.2

Table23

DSLCL-160-2W

جدول شماره ۲۳

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	126.9	94.2	171.6	304.5	16.7	368.8	5.5
	44	132.0	95.4	173.3	316.8	18.0	382.0	5.9
	45	134.3	95.8	174.1	322.3	18.7	387.7	6.1
	46	137.1	96.4	174.9	329.1	19.5	394.9	6.3
90	42	122.9	99.0	178.7	295.0	15.6	362.6	5.3
	44	128.0	100.0	180.2	307.3	17.0	375.5	5.7
	45	130.3	100.6	181.1	312.7	17.6	381.4	5.9
	46	133.1	101.0	181.9	319.6	18.3	388.5	6.1
95	42	118.9	104.2	186.7	285.4	14.6	356.6	5.1
	44	124.0	105.2	188.0	297.7	15.9	369.5	5.5
	45	126.3	105.6	188.8	303.2	16.5	375.3	5.7
	46	128.6	106.2	189.5	308.6	17.1	381.1	5.8
100	42	114.9	109.6	194.9	275.9	13.7	350.7	5.0
	44	119.5	110.6	196.4	286.8	14.8	362.3	5.3
	45	121.8	111.0	197.1	292.2	15.3	368.0	5.5
	46	124.6	111.6	197.9	299.1	16.1	375.3	5.7
105	42	110.3	115.6	203.8	264.7	12.6	343.6	4.8
	44	114.9	116.4	205.3	275.9	13.7	355.3	5.1
	45	117.2	116.8	205.9	281.3	14.2	361.1	5.2
	46	119.5	117.2	206.5	286.8	14.8	366.8	5.4

Table24

DSLCL-160-2A

جدول شماره ۲۴

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	114.4	115.6	203.8	274.5	13.5	1767.1
	44	118.9	116.4	205.3	285.4	14.6	1824.4
	45	121.2	116.8	205.9	290.9	15.2	1853.1
	46	123.5	117.2	206.5	296.3	15.8	1881.8
120	42	109.8	121.6	213.1	263.4	12.5	1732.3
	44	114.4	122.4	214.5	274.5	13.5	1790.3
	45	116.6	123.0	215.2	279.9	14.1	1819.7
	46	118.9	123.4	215.8	285.4	14.6	1848.3
125	42	105.2	128.0	222.7	252.5	11.5	1699.5
	44	109.5	128.8	224.0	262.9	12.4	1754.1
	45	111.8	129.2	224.8	268.2	12.9	1782.1
	46	113.8	129.6	225.5	273.1	13.4	1808.1
130	42	100.5	134.4	232.4	241.2	10.4	1664.7
	44	104.8	135.2	234.1	251.5	11.4	1719.3
	45	106.9	135.8	234.7	256.6	11.8	1746.6
	46	109.1	136.2	235.6	261.9	12.3	1774.6
135	42	95.6	140.8	242.5	229.4	9.5	1627.8
	44	99.8	141.8	244.2	239.5	10.3	1681.7
	45	101.9	142.4	245.1	244.6	10.7	1709.1
	46	104.1	143.0	245.9	249.9	11.2	1737.7

Table25

DSLCL-180-2W

جدول شماره ۲۵

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	144.5	105.0	198.7	346.9	14.4	418.6	5.3
	44	149.6	105.8	200.0	359.2	15.4	431.4	5.6
	45	152.5	106.2	200.4	366.0	16.0	438.5	5.8
	46	155.3	106.6	201.1	372.8	16.6	445.6	6.0
90	42	140.5	110.6	206.7	337.3	13.6	412.8	5.1
	44	146.2	111.4	208.0	351.0	14.7	427.0	5.5
	45	148.5	111.8	208.4	356.4	15.2	432.7	5.6
	46	151.4	112.2	209.1	363.3	15.8	439.9	5.8
95	42	135.6	116.6	215.6	327.7	12.8	407.4	5.0
	44	141.7	117.4	216.8	340.0	13.8	420.2	5.3
	45	144.5	117.8	217.3	346.9	14.4	427.3	5.5
	46	147.4	118.2	217.9	353.7	15.0	434.4	5.7
100	42	132.6	123.2	225.5	318.2	12.1	402.3	4.9
	44	137.7	124.0	226.5	330.5	13.1	415.1	5.2
	45	140.0	124.2	226.9	335.9	13.5	420.7	5.3
	46	142.8	124.2	227.6	342.8	14.1	427.6	5.5
105	42	128.0	130.0	235.8	307.3	11.3	396.0	4.7
	44	133.1	130.8	236.8	319.6	12.2	408.9	5.0
	45	135.4	131.2	237.5	325.0	12.6	414.6	5.2
	46	138.3	131.6	238.1	331.8	13.2	421.7	5.4

Table26

DSLCL-180-2A

جدول شماره ۲۶

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	132.0	130.0	235.8	316.8	12.0	2027.9
	44	137.1	130.8	236.8	329.1	13.0	2092.1
	45	139.4	131.2	237.5	334.6	13.4	2120.8
	46	142.3	131.6	238.1	341.4	13.9	2156.3
120	42	127.5	137.4	246.9	305.9	11.2	1998.6
	44	132.6	138.0	248.2	318.2	12.1	2062.1
	45	134.9	138.4	248.8	323.6	12.5	2090.7
	46	137.7	138.8	249.3	330.5	13.1	2126.2
125	42	122.9	145.0	258.7	295.0	10.4	1969.9
	44	127.5	145.8	260.0	305.9	11.2	2027.2
	45	129.7	146.2	260.6	311.4	11.6	2055.9
	46	132.6	146.6	261.3	318.2	12.1	2091.4
130	42	117.8	152.8	271.2	282.7	9.6	1935.1
	44	122.3	153.6	272.6	293.6	10.3	1992.4
	45	124.6	154.0	273.3	299.1	10.7	2021.1
	46	127.5	154.6	274.1	305.9	11.2	2057.3
135	42	112.4	160.6	283.8	269.7	8.7	1896.8
	44	117.2	161.8	285.7	281.3	9.5	1959.0
	45	119.5	162.2	286.5	286.8	9.8	1987.6
	46	121.8	162.8	287.4	292.2	10.2	2017.0

Table27

DSL-220-2W

جدول شماره ۲۷

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	181.5	126.4	229.1	435.6	20.9	521.9	6.7
	44	188.9	127.8	231.2	453.4	22.6	540.6	7.2
	45	192.9	128.6	232.2	462.9	23.6	550.7	7.5
	46	196.9	129.4	233.5	472.5	24.6	560.9	7.7
90	42	175.8	132.2	237.9	422.0	19.6	512.2	6.5
	44	183.2	133.4	239.8	439.7	21.3	530.8	6.9
	45	186.6	134.2	240.8	447.9	22.1	539.5	7.2
	46	190.6	134.8	241.9	457.5	23.0	549.5	7.4
95	42	169.6	138.6	247.8	406.9	18.2	501.6	6.2
	44	177.0	139.8	249.7	424.7	19.8	520.2	6.7
	45	180.4	140.4	250.5	432.9	20.6	528.8	6.9
	46	184.4	141.2	251.6	442.5	21.5	538.9	7.1
100	42	163.3	145.6	258.5	391.9	16.9	491.3	5.9
	44	170.1	146.8	260.2	408.3	18.3	508.5	6.4
	45	174.1	147.4	261.3	417.9	19.2	518.5	6.6
	46	177.5	148.0	262.3	426.1	20.0	527.1	6.8
105	42	155.5	153.0	270.1	375.5	15.5	480.0	5.7
	44	163.3	154.2	271.8	391.9	16.9	497.2	6.1
	45	166.7	154.8	272.8	400.1	17.6	505.8	6.3
	46	170.1	155.4	273.9	408.3	18.3	514.4	6.5

Table28

DSL-220-2W

جدول شماره ۲۸

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	161.6	153.0	270.1	387.8	16.5	2461.5
	44	168.4	154.2	271.8	404.2	18.0	2547.5
	45	171.8	154.8	272.8	412.4	18.7	2590.5
	46	175.3	155.4	273.9	420.6	19.5	2633.6
120	42	154.8	161.0	282.5	371.4	15.2	2406.9
	44	161.0	162.2	284.4	386.5	16.4	2486.1
	45	164.4	162.8	285.3	394.7	17.1	2529.1
	46	167.9	163.4	286.3	402.9	17.8	2572.1
125	42	147.4	169.4	295.8	353.7	13.8	2346.8
	44	153.6	170.6	297.7	368.7	15.0	2426.0
	45	157.0	171.2	298.5	376.9	15.6	2469.0
	46	160.5	172.0	299.6	385.1	16.3	2512.7
130	42	139.4	178.2	309.5	334.6	12.3	2281.2
	44	145.7	179.4	311.6	349.6	13.4	2360.4
	45	149.1	180.2	312.6	357.8	14.1	2404.1
	46	152.5	180.8	313.7	366.0	14.7	2447.2
135	42	132.0	187.2	323.8	316.8	11.0	2223.2
	44	137.7	188.6	326.1	330.5	12.0	2296.3
	45	141.1	189.4	327.2	338.7	12.6	2340.0
	46	144.5	190.0	328.2	346.9	13.2	2383.0

Table29

DSLC-250-2W

جدول شماره ۲۹

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	206.5	146.8	267.4	495.7	19.2	595.9	5.8
	44	214.5	148.6	270.0	514.8	20.7	616.3	6.2
	45	218.5	149.4	271.2	524.4	21.5	626.4	6.4
	46	223.0	150.2	272.6	535.3	22.4	637.9	6.6
90	42	200.3	154.2	278.7	480.7	18.0	586.0	5.6
	44	208.3	155.8	281.1	500.0	19.5	606.2	6.0
	45	212.2	156.6	282.3	509.4	20.2	616.3	6.2
	46	216.2	157.4	283.6	518.9	21.0	626.4	6.4
95	42	194.0	162.4	290.9	465.7	16.9	576.6	5.4
	44	201.4	163.8	293.3	483.4	18.2	595.3	5.8
	45	205.4	164.6	294.5	493.0	19.0	605.4	6.0
	46	209.4	165.4	295.6	502.5	19.7	615.5	6.2
100	42	187.2	170.8	304.2	449.3	15.7	565.9	5.2
	44	194.6	172.2	306.5	467.0	17.0	584.6	5.6
	45	198.6	173.0	307.6	476.6	17.7	594.7	5.7
	46	202.6	173.8	308.6	486.2	18.4	604.8	5.9
105	42	179.8	180.0	318.3	431.5	14.5	554.4	5.0
	44	187.8	181.2	320.4	450.6	15.8	574.4	5.4
	45	191.2	182.0	321.5	458.8	16.4	583.1	5.5
	46	195.2	182.6	322.5	468.4	17.1	593.1	5.7

Table30

DSLC-250-2A

جدول شماره ۳۰

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	186.1	180.0	318.3	446.6	15.6	2847.3
	44	193.5	181.2	320.4	464.3	16.8	2940.1
	45	196.9	182.0	321.5	472.5	17.4	2983.8
	46	200.9	182.6	322.5	482.1	18.1	3033.7
120	42	178.7	189.4	333.3	428.8	14.3	2790.6
	44	186.1	190.8	335.4	446.6	15.6	2884.2
	45	189.5	191.4	336.4	454.7	16.1	2927.2
	46	193.5	192.2	337.5	464.3	16.8	2977.7
125	42	171.3	199.2	348.6	411.0	13.2	2735.3
	44	178.7	200.6	350.7	428.8	14.3	2828.8
	45	182.1	201.4	351.8	437.0	14.9	2872.5
	46	185.5	202.0	353.1	445.2	15.5	2915.6
130	42	163.9	209.2	364.2	393.3	12.1	2680.7
	44	170.7	210.8	366.7	409.7	13.1	2768.1
	45	174.1	211.4	367.8	417.9	13.6	2811.1
	46	177.5	212.2	369.1	426.1	14.2	2854.8
135	42	155.9	219.4	380.2	374.2	10.9	2619.9
	44	162.7	221.0	382.9	390.6	11.9	2707.3
	45	166.1	221.8	384.4	398.8	12.4	2751.0
	46	169.6	222.6	385.7	406.9	12.9	2794.7

Table31

DSL-280-2W

جدول شماره ۳۱

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	235.1	164.4	297.7	566.7	22.9	679.0	4.6
	44	245.2	165.8	299.6	588.6	24.7	701.8	5.0
	45	249.8	166.4	300.4	599.5	25.6	713.1	5.1
	46	254.3	167.0	301.5	610.4	26.6	724.5	5.3
90	42	229.9	173.2	310.9	551.7	21.7	670.0	4.5
	44	239.0	174.4	312.8	573.6	23.5	692.6	4.8
	45	243.5	175.0	313.7	584.5	24.4	704.0	5.0
	46	248.1	175.6	314.7	595.4	25.3	715.3	5.2
95	42	223.6	182.6	325.5	536.7	20.5	661.4	4.4
	44	232.2	183.8	327.4	557.2	22.1	682.7	4.7
	45	236.7	184.4	328.2	568.1	23.0	694.0	4.8
	46	241.3	185.0	329.1	579.0	23.9	705.3	5.0
100	42	216.8	192.8	341.3	520.3	19.3	651.9	4.3
	44	225.3	194.0	342.9	540.8	20.8	673.2	4.6
	45	229.3	194.6	343.8	550.3	21.6	683.2	4.7
	46	233.9	195.2	344.6	561.3	22.5	694.5	4.9
105	42	209.4	203.6	357.9	502.5	18.0	641.6	4.1
	44	217.9	204.8	359.6	523.0	19.5	662.9	4.4
	45	221.9	205.2	360.6	532.6	20.2	672.7	4.6
	46	226.5	205.8	361.5	543.5	21.1	684.0	4.7

Table32

DSL-280-2A

جدول شماره ۳۲

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	216.2	203.6	357.9	518.9	19.2	3289.7
	44	224.2	204.8	359.6	538.0	20.6	3389.4
	45	228.7	205.2	360.6	549.0	21.5	3445.4
	46	232.7	205.8	361.5	558.5	22.2	3495.3
120	42	208.8	215.0	375.8	501.2	17.9	3239.9
	44	216.8	216.2	377.5	520.3	19.3	3339.6
	45	220.8	216.8	378.5	529.9	20.0	3389.4
	46	225.3	217.4	379.4	540.8	20.8	3446.1
125	42	200.9	226.8	394.3	482.1	16.6	3184.6
	44	208.8	228.2	396.4	501.2	17.9	3285.0
	45	212.8	228.8	397.3	510.7	18.6	3334.8
	46	216.8	229.4	398.3	520.3	19.3	3384.6
130	42	192.9	239.0	413.7	462.9	15.3	3130.6
	44	200.3	240.4	416.0	480.7	16.5	3224.2
	45	204.3	241.2	417.1	490.3	17.1	3274.7
	46	208.3	241.8	418.1	499.8	17.8	3324.6
135	42	183.8	251.4	433.7	441.1	13.9	3063.7
	44	191.8	253.2	435.8	460.2	15.1	3165.5
	45	195.7	254.0	437.9	469.8	15.7	3216.0
	46	199.7	254.8	440.0	479.3	16.4	3266.5

Table33

DSLCL-150-3W

جدول شماره ۳۳

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	112.2	85.5	160.4	269.4	13.0	327.7	12.8
	44	116.7	86.4	161.7	280.0	14.1	339.0	13.7
	45	118.9	86.7	162.6	285.3	14.6	344.5	14.2
	46	121.2	87.3	163.3	290.9	15.2	350.5	14.7
90	42	108.8	89.7	166.7	261.2	12.3	322.4	12.4
	44	113.2	90.6	168.0	271.6	13.3	333.5	13.3
	45	115.4	90.9	168.6	276.9	13.8	339.0	13.7
	46	117.6	91.5	169.3	282.3	14.3	344.7	14.2
95	42	105.2	94.2	173.7	252.7	11.5	316.9	12.0
	44	109.5	95.1	174.9	262.8	12.4	327.7	12.8
	45	111.7	95.7	175.6	268.1	12.9	333.5	13.3
	46	113.9	96.0	176.2	273.5	13.4	339.0	13.7
100	42	101.6	99.3	180.9	243.8	10.7	311.6	11.6
	44	105.7	100.2	182.2	253.8	11.6	322.2	12.4
	45	107.9	100.5	182.8	258.9	12.0	327.5	12.8
	46	110.0	101.1	183.5	264.0	12.5	333.1	13.2
105	42	97.7	104.7	188.8	234.5	9.9	306.0	11.2
	44	101.8	105.3	190.1	244.4	10.7	316.3	11.9
	45	103.9	105.6	190.7	249.3	11.2	321.4	12.3
	46	106.0	106.2	191.4	254.4	11.6	326.9	12.7

Table34

DSLCL-150-3A

جدول شماره ۳۴

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	100.9	104.7	188.8	242.1	10.5	1568.1
	44	104.9	105.3	190.1	251.7	11.4	1618.2
	45	106.9	105.6	190.7	256.7	11.8	1643.8
	46	109.1	106.2	191.4	261.8	12.3	1671.5
120	42	97.0	110.1	197.4	232.7	9.7	1539.4
	44	101.0	111.0	198.6	242.3	10.6	1590.6
	45	102.9	111.3	199.3	247.0	11.0	1615.2
	46	105.0	111.6	199.9	252.0	11.4	1640.8
125	42	92.9	115.8	206.2	223.1	8.9	1510.7
	44	96.8	116.7	207.5	232.3	9.7	1559.9
	45	98.7	117.0	208.1	237.0	10.1	1584.4
	46	100.7	117.3	208.7	241.7	10.5	1609.0
130	42	88.8	121.5	215.4	213.0	8.2	1480.0
	44	92.5	122.4	216.6	222.0	8.9	1528.1
	45	94.5	123.0	217.3	226.8	9.2	1553.7
	46	96.4	123.3	217.9	231.5	9.6	1578.3
135	42	84.3	127.5	224.5	202.4	7.4	1447.2
	44	88.1	128.4	226.1	211.4	8.0	1495.3
	45	90.0	129.0	226.7	215.9	8.4	1519.9
	46	91.9	129.3	227.4	220.6	8.7	1544.5

Table35

DSLCL-180-3W

جدول شماره ٣٥

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	139.5	103.8	194.2	334.7	20.1	405.6	8.6
	44	144.8	104.7	195.5	347.6	21.7	419.1	9.1
	45	147.6	105.0	196.1	354.2	22.5	425.9	9.4
	46	150.4	105.6	196.7	360.9	23.4	433.0	9.8
90	42	135.8	109.2	202.1	325.9	19.0	400.5	8.4
	44	141.1	110.1	203.1	338.6	20.6	413.8	8.9
	45	143.8	110.4	203.7	345.2	21.4	420.5	9.2
	46	146.5	111.0	204.3	351.7	22.2	427.5	9.5
95	42	132.0	115.2	210.6	316.7	18.0	395.3	8.1
	44	137.2	116.1	211.9	329.2	19.4	408.5	8.7
	45	139.7	116.4	212.2	335.3	20.2	414.8	9.0
	46	142.4	116.7	212.8	341.9	21.0	421.6	9.3
100	42	127.9	121.8	220.1	306.9	16.9	390.0	7.9
	44	133.0	122.4	221.1	319.1	18.3	402.7	8.4
	45	135.5	122.7	221.7	325.3	19.0	409.1	8.7
	46	138.2	123.3	222.0	331.6	19.7	415.8	9.0
105	42	123.6	128.7	229.9	296.6	15.8	384.5	7.7
	44	128.5	129.3	231.2	308.5	17.1	396.8	8.2
	45	131.0	129.6	231.5	314.4	17.7	402.9	8.5
	46	133.6	129.9	232.1	320.6	18.4	409.3	8.7

Table36

DSLCL-180-3A

جدول شماره ٣٦

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	127.5	128.7	229.9	306.0	16.8	1969.5
	44	132.4	129.3	231.2	317.7	18.1	2030.0
	45	134.9	129.6	231.5	323.6	18.8	2060.7
	46	137.4	129.9	232.1	329.8	19.5	2092.4
120	42	123.1	135.9	240.6	295.4	15.6	1940.9
	44	127.9	136.5	241.9	306.9	16.9	2000.3
	45	130.3	136.8	242.5	312.8	17.5	2031.0
	46	132.8	137.1	242.8	318.7	18.2	2061.7
125	42	118.4	143.1	252.0	284.1	14.5	1909.1
	44	123.1	144.0	253.3	295.4	15.6	1968.5
	45	125.5	144.3	253.9	301.1	16.3	1998.2
	46	127.9	144.9	254.5	307.1	16.9	2030.0
130	42	113.5	150.9	263.7	272.4	13.3	1877.4
	44	118.1	151.8	265.3	283.5	14.4	1935.7
	45	120.5	152.4	265.9	289.2	15.0	1966.5
	46	122.9	152.7	266.5	295.0	15.6	1996.2
135	42	108.4	158.7	276.0	260.1	12.1	1842.5
	44	112.9	159.9	277.9	271.0	13.2	1900.9
	45	115.2	160.5	278.8	276.5	13.7	1930.6
	46	117.6	160.8	279.5	282.3	14.3	1960.3

Table37

DSLС-210-3W

جدول شماره ۳۷

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	165.6	120.3	222.0	397.4	18.9	479.5	8.7
	44	172.4	121.8	223.9	413.8	20.5	496.9	9.3
	45	175.8	122.4	224.8	422.0	21.3	505.5	9.7
	46	179.2	123.0	226.1	430.2	22.1	514.1	10.0
90	42	160.3	126.0	230.2	384.7	17.7	470.7	8.4
	44	166.9	127.2	231.8	400.7	19.2	487.5	9.0
	45	170.3	127.8	232.7	408.7	20.0	495.9	9.3
	46	174.1	128.4	234.0	417.9	20.9	505.5	9.7
95	42	154.7	132.0	239.1	371.2	16.5	461.3	8.0
	44	161.2	133.2	240.6	386.9	17.9	477.9	8.6
	45	164.5	133.8	241.6	394.7	18.6	486.1	8.9
	46	167.9	134.4	242.5	402.9	19.4	494.7	9.2
100	42	148.8	138.6	248.8	357.0	15.2	451.7	7.7
	44	155.2	139.8	250.4	372.4	16.6	467.9	8.3
	45	158.4	140.4	251.4	380.2	17.3	476.0	8.6
	46	161.7	141.0	252.3	388.2	18.0	484.4	8.9
105	42	142.5	145.8	259.3	342.1	14.0	441.6	7.4
	44	148.8	146.7	260.8	357.0	15.2	457.2	7.9
	45	151.9	147.3	261.8	364.6	15.9	465.2	8.2
	46	155.2	147.9	262.7	372.4	16.6	473.4	8.5

Table38

DSLС-210-3A

جدول شماره ۳۸

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	147.1	145.8	259.3	353.1	14.9	2263.5
	44	153.3	146.7	260.8	367.9	16.2	2340.3
	45	156.4	147.3	261.8	375.5	16.9	2380.2
	46	159.6	147.9	262.7	383.1	17.6	2420.2
120	42	140.7	153.3	270.6	337.8	13.6	2212.3
	44	146.7	154.5	272.2	352.1	14.8	2288.1
	45	149.8	155.1	273.2	359.5	15.5	2327.0
	46	152.9	155.7	274.1	367.1	16.1	2366.9
125	42	134.0	161.4	282.6	321.6	12.4	2159.0
	44	139.9	162.6	284.2	335.7	13.5	2233.8
	45	142.9	193.2	285.2	342.9	14.1	2374.1
	46	145.9	193.8	286.1	350.3	14.7	2310.6
130	42	127.2	169.8	294.9	305.2	11.1	2105.8
	44	132.9	171.0	296.8	318.9	12.2	2178.5
	45	135.8	171.6	297.8	325.9	12.7	2215.3
	46	138.8	172.2	298.7	333.1	13.3	2253.2
135	42	120.1	178.2	307.9	288.2	9.9	2049.4
	44	125.6	179.7	310.1	301.5	10.9	2121.1
	45	128.5	180.3	282.6	308.5	11.4	2158.0
	46	131.4	180.9	312.0	315.5	11.9	2194.9

Table39

DSL-240-3W

جدول شماره ۳۹

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	190.3	141.3	257.4	456.8	22.9	553.3	7.3
	44	198.0	143.1	259.9	475.2	24.8	572.9	7.8
	45	201.4	143.7	261.2	483.4	25.7	581.5	8.1
	46	205.7	144.6	262.4	493.7	26.8	592.4	8.4
90	42	184.4	148.5	268.1	442.5	21.5	543.9	7.1
	44	192.0	150.0	270.3	460.9	23.4	563.3	7.6
	45	195.5	150.9	271.6	469.1	24.2	572.1	7.8
	46	199.7	151.5	272.8	479.3	25.3	582.8	8.1
95	42	178.4	156.3	280.1	428.1	20.2	534.8	6.8
	44	185.1	157.8	282.0	446.6	21.9	554.3	7.3
	45	189.5	158.4	283.3	454.7	22.7	562.9	7.6
	46	192.9	159.3	284.2	462.9	23.6	571.7	7.8
100	42	172.4	164.4	292.4	413.8	18.8	526.0	6.6
	44	179.2	165.9	294.6	430.2	20.4	543.4	7.0
	45	182.6	166.5	295.6	438.4	21.1	552.0	7.3
	46	185.9	167.4	296.8	448.6	22.1	562.9	7.6
105	42	165.8	173.4	305.7	398.0	17.4	516.4	6.4
	44	172.4	174.6	307.9	413.8	18.8	533.0	6.8
	45	175.8	175.2	308.8	422.0	19.6	541.6	7.0
	46	180.1	175.8	309.8	432.2	20.5	552.2	7.3

Table40

DSL-240-3A

جدول شماره ۴۰

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	171.6	173.4	305.7	411.7	18.6	2650.6
	44	178.4	174.6	307.9	428.1	20.2	2736.7
	45	181.8	175.2	308.8	436.3	20.9	2779.7
	46	185.2	175.8	309.8	444.5	21.7	2822.7
120	42	164.6	182.4	319.6	395.1	17.2	2598.4
	44	171.6	183.6	321.8	411.7	18.6	2685.5
	45	175.0	184.5	322.7	419.9	19.4	2729.5
	46	178.4	185.1	323.7	428.1	20.2	2772.5
125	42	157.8	192.0	334.1	378.7	15.8	2549.2
	44	164.3	193.2	336.0	394.3	17.1	2631.2
	45	167.6	193.8	337.3	402.3	17.8	2673.2
	46	170.7	194.4	338.2	409.7	18.5	2712.1
130	42	150.7	201.6	348.6	361.7	14.4	2497.0
	44	157.2	202.8	351.2	377.3	15.7	2578.9
	45	160.4	203.7	352.1	384.9	16.3	2619.9
	46	163.7	204.3	353.4	392.9	17.0	2661.9
135	42	143.4	211.2	363.8	344.1	13.0	2441.7
	44	149.7	212.7	366.3	359.3	14.2	2522.6
	45	152.9	213.6	367.6	366.9	14.8	2563.6
	46	155.2	214.5	368.8	374.9	14.5	2606.6

Table41

DSLCL-270-3W

جدول شماره ٤١

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	216.8	157.5	298.1	520.3	21.1	627.8	7.0
	44	224.5	158.7	300.0	538.7	22.6	647.1	7.4
	45	228.7	159.3	300.6	549.0	23.5	657.7	7.7
	46	233.0	159.9	301.6	559.2	24.4	668.4	7.9
90	42	210.8	165.9	310.1	506.0	20.0	619.2	6.8
	44	219.4	167.1	312.0	526.4	21.6	640.5	7.3
	45	222.8	167.7	312.6	534.6	22.3	649.1	7.5
	46	227.0	168.3	313.6	544.9	23.2	659.8	7.7
95	42	204.8	174.9	323.4	491.6	18.9	611.0	6.6
	44	212.5	176.1	325.3	510.1	20.3	630.3	7.1
	45	216.8	176.7	325.9	520.3	21.1	640.9	7.3
	46	221.1	177.3	326.8	530.5	22.0	651.6	7.5
100	42	198.9	184.8	338.2	477.3	17.8	603.5	6.5
	44	205.5	186.0	339.8	495.7	19.2	622.7	6.9
	45	210.0	186.3	340.4	503.9	19.8	631.1	7.1
	46	214.2	186.9	341.4	514.1	20.6	641.8	7.3
105	42	192.0	195.0	353.7	460.9	16.6	594.0	6.3
	44	199.7	196.2	355.3	479.3	17.9	613.3	6.7
	45	203.1	196.8	356.2	487.5	18.5	621.9	6.9
	46	207.4	197.4	357.2	497.8	19.3	632.5	7.1

Table42

DSLCL-270-3A

جدول شماره ٤٢

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	198.0	195.0	353.7	475.2	17.6	3041.9
	44	205.7	196.2	355.3	493.7	19.0	3138.2
	45	209.1	196.8	356.2	501.9	19.6	3181.2
	46	213.4	197.4	357.2	512.1	20.5	3234.4
120	42	191.2	206.2	370.4	458.8	16.4	2997.8
	44	198.9	204.0	372.3	477.3	17.8	3082.8
	45	202.3	207.6	373.3	485.5	18.4	3136.1
	46	206.5	208.2	373.9	495.7	19.2	3189.4
125	42	184.4	217.5	388.1	442.5	15.3	2954.8
	44	191.2	218.7	390.0	458.8	16.4	3040.9
	45	194.6	219.3	390.9	467.0	17.0	3083.9
	46	198.9	219.9	391.9	477.3	17.8	3137.1
130	42	176.7	229.2	406.7	424.0	14.0	2902.6
	44	183.5	230.4	408.9	440.4	15.1	2988.6
	45	186.9	231.0	409.9	448.6	15.7	3031.6
	46	191.2	231.9	411.2	458.8	16.4	3085.9
135	42	168.6	240.9	425.7	404.6	12.8	2845.2
	44	175.8	242.7	428.5	422.0	13.9	2938.4
	45	179.2	243.3	429.8	430.2	14.4	2981.5
	46	182.6	244.2	431.1	438.4	15.0	3025.5

Table43

DSLCL-330-3W

جدول شماره ۴۳

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	272.3	189.6	343.6	653.4	20.5	782.9	8.8
	44	283.4	191.7	346.7	680.1	22.2	811.0	9.4
	45	289.3	192.9	348.3	694.4	23.1	826.1	9.8
	46	295.3	194.1	350.2	708.7	24.1	841.3	10.1
90	42	263.7	198.3	356.8	633.0	19.2	768.4	8.4
	44	274.8	200.1	359.7	659.6	20.9	796.2	9.1
	45	279.9	201.3	361.3	671.9	21.7	809.3	9.4
	46	285.9	202.2	362.8	686.2	22.6	824.3	9.7
95	42	254.3	207.9	371.7	610.4	17.9	752.4	8.1
	44	265.4	209.7	374.5	637.1	19.5	780.2	8.7
	45	270.6	210.6	375.8	649.3	20.2	793.1	9.0
	46	276.5	211.8	377.4	663.7	21.1	808.3	9.3
100	42	245.0	218.4	387.8	587.9	16.6	737.0	7.8
	44	255.2	220.2	390.3	612.5	18.0	762.8	8.3
	45	261.2	221.1	391.9	626.8	18.8	777.8	8.7
	46	266.3	222.0	393.5	639.1	19.6	790.7	8.9
105	42	234.7	229.5	405.2	563.3	15.2	720.0	7.4
	44	245.0	231.3	407.7	587.9	16.6	745.8	8.0
	45	250.1	232.2	409.3	600.2	17.3	758.7	8.2
	46	255.2	233.1	410.8	612.5	18.0	771.6	8.5

Table44

DSLCL-330-3A

جدول شماره ۴۴

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	242.4	229.5	405.2	581.7	16.2	3692.2
	44	252.6	231.3	407.7	606.3	17.6	3821.3
	45	257.8	232.2	409.3	618.6	18.4	3885.8
	46	262.9	233.1	410.8	630.9	19.1	3950.3
120	42	232.2	241.5	423.8	557.2	14.9	3610.3
	44	241.5	243.3	426.6	579.7	16.1	3729.1
	45	246.7	244.2	427.9	592.0	16.8	3793.6
	46	251.8	245.1	429.5	604.3	17.5	3858.2
125	42	221.1	254.1	443.7	530.5	13.5	3520.2
	44	230.4	255.9	446.5	553.1	14.7	3639.0
	45	235.7	256.8	447.8	565.4	15.3	3703.5
	46	240.7	258.0	449.4	577.6	16.0	3769.1
130	42	209.1	267.3	464.2	501.9	12.1	3421.9
	44	218.5	269.1	467.4	524.4	13.2	3540.7
	45	223.6	270.3	468.9	536.7	13.8	3606.2
	46	228.7	271.2	470.5	549.0	14.5	3670.7
135	42	198.0	280.8	485.7	475.2	10.8	3334.8
	44	206.5	282.9	489.2	495.7	11.8	3444.4
	45	211.7	284.1	490.7	508.0	12.4	3509.9
	46	216.8	285.0	492.3	520.3	13.0	3574.5

Table45

DSLCL-375-3W

جدول شماره ۴۵

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	309.8	220.2	401.1	743.6	14.4	893.9	7.5
	44	321.8	222.9	404.8	772.2	15.5	924.4	8.0
	45	327.7	224.1	406.7	786.6	16.1	939.6	8.3
	46	334.6	225.3	408.9	803.0	16.8	956.8	8.6
90	42	300.4	231.3	418.1	721.0	13.5	879.0	7.2
	44	312.4	233.7	421.6	749.7	14.6	909.3	7.8
	45	318.4	234.9	423.5	764.1	15.2	924.4	8.0
	46	324.3	236.1	425.4	778.4	15.8	939.6	8.3
95	42	291.0	243.6	436.4	698.5	12.7	864.8	7.0
	44	302.1	245.7	439.9	725.1	13.7	892.9	7.5
	45	308.1	246.9	441.8	739.5	14.2	908.1	7.7
	46	314.1	248.1	443.4	753.8	14.8	923.2	8.0
100	42	280.8	256.2	456.3	673.9	11.8	848.9	6.8
	44	291.9	258.3	459.8	700.6	12.8	876.9	7.2
	45	297.9	259.5	461.4	714.9	13.3	892.1	7.5
	46	303.8	260.7	462.9	729.2	13.8	907.2	7.7
105	42	269.7	270.0	477.5	647.3	10.9	831.7	6.5
	44	281.7	271.8	480.6	676.0	11.9	861.6	7.0
	45	286.8	273.0	482.2	688.3	12.3	874.7	7.2
	46	292.8	273.9	483.8	702.6	12.8	889.6	7.4

Table46

DSLCL-375-3A

جدول شماره ۴۶

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	279.1	270.0	477.5	669.8	11.7	4270.9
	44	290.2	271.8	480.6	696.5	12.6	4410.2
	45	295.3	273.0	482.2	708.7	13.1	4475.8
	46	301.3	273.9	483.8	723.1	13.6	4550.5
120	42	268.0	284.1	499.9	643.2	10.8	4185.9
	44	279.1	286.2	503.1	669.8	11.7	4326.2
	45	284.2	287.1	504.6	682.1	12.1	4390.8
	46	290.2	288.3	506.2	696.5	12.7	4466.5
125	42	255.9	298.8	522.9	616.6	9.9	4103.0
	44	268.0	300.9	526.1	643.2	10.8	4243.3
	45	273.1	302.1	527.7	655.5	11.2	4308.8
	46	278.2	303.0	529.6	667.8	11.6	4373.3
130	42	245.8	313.8	546.3	589.9	9.1	4021.0
	44	255.1	316.2	550.1	614.5	9.8	4152.1
	45	261.2	317.1	551.7	626.8	10.2	4216.6
	46	266.3	318.3	553.6	639.1	10.6	4282.2
135	42	233.9	329.1	570.3	561.3	8.2	3929.9
	44	244.1	331.5	574.4	585.8	8.9	4061.0
	45	249.2	332.7	576.6	598.1	9.3	4126.5
	46	254.3	333.9	578.5	610.4	9.7	4192.1

Table47

DSLCL-420-3W

جدول شماره ۴۷

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	354.2	246.6	446.5	850.1	14.4	1018.5	6.2
	44	367.9	248.7	449.4	882.9	15.6	1052.7	6.6
	45	374.7	249.6	450.6	899.2	16.2	1069.7	6.8
	46	381.5	250.5	452.2	915.6	16.7	1086.7	7.0
90	42	344.8	259.8	466.4	827.6	13.7	1005.0	6.0
	44	358.5	261.6	469.3	860.3	14.8	1039.0	6.4
	45	365.3	262.5	470.5	876.7	15.4	1056.0	6.7
	46	372.1	263.4	472.1	893.1	15.9	1073.0	6.9
95	42	335.4	273.9	488.2	805.0	13.0	992.0	5.9
	44	348.2	275.7	491.1	835.7	14.0	1024.0	6.3
	45	355.1	276.6	492.3	852.1	14.5	1041.0	6.5
	46	361.9	277.5	493.6	868.5	15.1	1058.0	6.7
100	42	325.2	289.2	511.9	780.4	12.2	977.9	5.7
	44	338.0	291.0	514.4	811.2	13.1	1009.9	6.1
	45	344.0	291.9	515.7	825.5	13.6	1024.8	6.3
	46	350.8	292.8	516.9	841.9	14.2	1041.8	6.5
105	42	314.1	305.4	536.8	753.8	11.4	962.3	5.5
	44	325.9	307.2	539.4	784.5	12.3	994.3	5.9
	45	332.9	307.8	540.9	798.9	12.8	1009.0	6.1
	46	339.7	308.7	542.2	815.3	13.3	1026.0	6.3

Table48

DSLCL-420-3A

جدول شماره ۴۸

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	324.3	305.4	536.8	778.4	12.1	4934.6
	44	335.3	307.2	539.4	807.1	13.0	5084.1
	45	343.1	307.8	540.9	823.5	13.6	5168.1
	46	349.1	308.7	542.2	837.8	14.0	5242.9
120	42	313.2	322.5	563.7	751.8	11.3	4859.8
	44	325.2	324.3	566.2	780.4	12.2	5009.4
	45	331.2	325.2	567.8	794.8	12.6	5084.1
	46	338.0	326.1	569.1	811.2	13.1	5169.1
125	42	301.3	340.2	591.5	723.1	10.4	4776.9
	44	313.2	342.3	594.6	751.8	11.3	4927.4
	45	319.2	343.2	595.9	766.1	11.7	5002.2
	46	325.2	344.1	597.5	780.4	12.2	5077.0
130	42	289.3	358.5	620.5	694.4	9.6	4696.0
	44	300.4	360.6	624.0	721.0	10.4	4836.3
	45	306.4	361.8	625.6	735.4	10.8	4912.1
	46	312.4	362.7	627.2	749.7	11.2	4986.8
135	42	275.7	377.1	650.5	661.6	8.7	4595.6
	44	287.6	379.8	653.7	690.3	9.5	4748.2
	45	293.6	381.0	656.8	704.7	9.9	4824.0
	46	299.6	382.2	660.0	719.0	10.3	4899.8

Table49

DSLС-200-4W

جدول شماره ۴۹

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	149.6	114.0	213.9	359.2	15.4	437.0	7.6
	44	155.6	115.2	215.6	373.4	16.7	452.0	8.2
	45	158.5	115.6	216.8	380.5	17.3	459.4	8.4
	46	161.6	116.4	217.7	387.8	18.0	467.3	8.7
90	42	145.1	119.6	222.3	348.2	14.5	429.9	7.4
	44	150.9	120.8	224.0	362.2	15.7	444.6	7.9
	45	153.9	121.2	224.8	369.3	16.3	452.0	8.2
	46	156.8	122.0	225.7	376.4	16.9	459.7	8.5
95	42	140.3	125.6	231.6	336.8	13.6	422.5	7.1
	44	146.0	126.8	233.3	350.4	14.7	437.0	7.6
	45	149.0	127.6	234.1	357.5	15.3	444.6	7.9
	46	151.9	128.0	234.9	364.6	15.9	452.0	8.2
100	42	135.4	132.4	241.3	325.0	12.6	415.4	6.9
	44	141.0	133.6	242.9	338.4	13.7	429.6	7.4
	45	143.8	134.0	243.8	345.2	14.3	436.7	7.6
	46	146.7	134.8	244.6	352.1	14.8	444.1	7.9
105	42	130.3	139.6	251.8	312.7	11.7	408.0	6.7
	44	135.8	140.4	253.5	325.8	12.7	421.7	7.1
	45	138.5	140.8	254.3	332.4	13.2	428.5	7.3
	46	141.3	141.6	255.2	339.2	13.8	435.9	7.6

Table50

DSLС-200-4A

جدول شماره ۵۰

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	134.5	139.6	251.8	322.8	12.5	2090.7
	44	139.9	140.4	253.5	335.7	13.5	2157.7
	45	142.6	140.8	254.3	342.2	14.0	2191.8
	46	145.4	141.6	255.2	349.0	14.6	2228.7
120	42	129.3	146.8	263.2	310.3	11.5	2052.5
	44	134.6	148.0	264.8	323.1	12.5	2120.8
	45	137.2	148.4	265.7	329.4	13.0	2153.6
	46	140.0	148.8	266.5	335.9	13.5	2187.7
125	42	123.9	154.4	274.9	297.4	10.6	2014.3
	44	129.3	155.6	276.6	310.3	11.5	2082.5
	45	113.7	156.0	277.5	316.0	11.9	2112.6
	46	134.3	156.4	278.3	322.3	12.4	2145.4
130	42	118.4	162.0	287.2	284.0	9.7	1973.3
	44	123.4	163.2	288.8	296.1	10.5	2037.5
	45	126.0	164.0	289.7	302.3	10.9	2071.6
	46	128.6	164.4	290.5	308.6	11.4	2104.4
135	42	112.4	170.0	299.4	269.8	8.7	1929.6
	44	117.4	171.2	301.5	281.9	9.5	1993.8
	45	119.9	172.0	302.3	287.9	9.9	2026.6
	46	122.6	172.4	303.2	294.2	10.4	2059.3

Table51

DSLCL-240-4W

جدول شماره ۵۱

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	185.9	138.4	258.9	446.3	21.9	540.8	9.4
	44	193.1	139.6	260.6	463.5	23.6	558.8	10.0
	45	196.8	140.0	261.5	472.2	24.5	567.8	10.4
	46	200.5	140.8	262.3	481.2	25.5	577.4	10.7
90	42	181.1	145.6	269.5	434.5	20.8	534.0	9.2
	44	188.1	146.8	270.7	451.5	22.4	551.7	9.8
	45	191.8	147.2	271.6	460.2	23.3	560.7	10.1
	46	195.4	148.0	272.4	468.9	24.2	570.0	10.5
95	42	175.9	153.6	280.8	422.2	19.6	527.1	8.9
	44	182.9	154.8	282.5	438.9	21.2	544.6	9.5
	45	186.3	155.2	282.9	447.1	22.0	553.1	9.8
	46	189.9	155.6	283.8	455.8	22.9	562.1	10.2
100	42	170.5	162.4	293.5	409.1	18.4	520.0	8.7
	44	177.3	163.2	294.7	425.5	19.9	537.0	9.3
	45	180.7	163.6	295.6	433.7	20.7	545.4	9.6
	46	184.2	164.4	296.0	442.2	21.5	554.4	9.9
105	42	164.8	171.6	306.5	395.5	17.2	512.6	8.5
	44	171.4	172.4	308.2	411.3	18.6	529.0	9.0
	45	174.7	172.8	308.6	419.2	19.3	537.2	9.3
	46	178.1	173.2	309.5	427.4	20.1	545.7	9.6

Table52

DSLCL-240-4A

جدول شماره ۵۲

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	170.0	171.6	306.5	408.0	18.3	2626.1
	44	176.5	172.4	308.2	423.6	19.7	2706.6
	45	179.8	172.8	308.6	431.5	20.5	2747.6
	46	183.2	173.2	309.5	439.7	21.3	2789.9
120	42	164.1	181.2	320.8	393.8	17.1	2587.8
	44	170.5	182.0	322.5	409.1	18.4	2667.0
	45	173.8	182.4	323.4	417.1	19.1	2708.0
	46	177.1	182.8	323.8	425.0	19.9	2749.0
125	42	157.8	190.8	336.0	378.8	15.8	2545.5
	44	164.1	192.0	337.7	393.8	17.1	2624.7
	45	167.3	192.4	338.5	401.5	17.7	2664.3
	46	170.6	193.2	339.4	409.4	18.4	2706.6
130	42	151.4	201.2	351.6	363.3	14.5	2503.1
	44	157.5	202.4	353.7	378.0	15.7	2581.0
	45	160.7	203.2	354.5	385.6	16.4	2622.0
	46	163.9	203.6	355.4	393.3	17.0	2661.6
135	42	144.5	211.6	368.0	346.9	13.2	2456.7
	44	150.4	213.2	370.5	361.1	14.3	2533.2
	45	153.6	214.0	371.8	368.7	15.0	2574.2
	46	156.8	214.4	372.6	376.4	15.6	2613.8

Table53

DSLCL-280-4W

جدول شماره ۵۳

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	220.8	160.4	296.0	529.9	21.9	639.4	13.8
	44	229.9	162.4	298.5	551.7	23.7	662.6	14.8
	45	234.4	163.2	299.8	562.6	24.7	674.1	15.3
	46	239.0	164.0	301.5	573.6	25.7	685.5	15.8
90	42	213.7	168.0	306.9	512.9	20.5	627.6	13.3
	44	222.6	169.6	309.1	534.2	22.3	650.0	14.2
	45	227.0	170.4	310.3	544.9	23.2	661.2	14.7
	46	232.2	171.2	312.0	557.2	24.2	674.1	15.3
95	42	205.2	176.0	318.7	494.9	19.1	615.1	12.8
	44	215.0	177.6	320.8	515.9	20.8	637.2	13.7
	45	219.3	178.4	322.1	526.3	21.6	648.1	14.2
	46	223.8	179.2	323.4	537.2	22.5	659.6	14.7
100	42	198.4	184.8	331.8	476.0	17.7	602.2	12.2
	44	208.9	186.4	333.9	496.5	19.2	623.8	13.1
	45	211.2	187.2	335.2	506.9	20.0	634.7	13.6
	46	215.7	188.0	336.4	517.6	20.9	645.9	14.1
105	42	190.0	194.4	345.7	456.1	16.2	588.8	11.7
	44	198.4	195.6	347.8	476.0	17.7	609.6	12.5
	45	202.6	196.4	349.1	486.2	18.4	620.3	13.0
	46	206.9	197.2	350.3	496.5	19.2	631.2	13.4

Table54

DSLCL-280-4A

جدول شماره ۵۴

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	196.2	194.4	345.7	470.9	17.3	3018.0
	44	204.4	195.6	347.8	490.5	18.8	3120.4
	45	208.6	196.4	349.1	500.6	19.6	3173.7
	46	212.8	197.2	350.3	510.7	20.3	3226.9
120	42	187.7	204.4	360.8	450.4	15.8	2949.7
	44	195.6	206.0	362.9	469.5	17.2	3050.8
	45	199.7	206.8	364.2	479.3	17.9	3102.6
	46	203.9	207.6	365.5	489.4	18.7	3155.9
125	42	178.7	215.2	376.8	428.8	14.3	2878.7
	44	186.5	216.8	378.9	447.6	15.6	2978.4
	45	190.5	217.6	380.2	457.2	16.3	3028.9
	46	194.6	218.4	381.5	467.0	17.0	3080.8
130	42	169.6	226.4	393.3	406.9	12.9	2807.7
	44	177.2	228.0	395.8	425.2	14.1	2904.6
	45	181.1	228.8	397.1	434.5	14.7	2953.8
	46	185.0	229.6	398.3	444.1	15.4	3004.3
135	42	160.1	237.6	410.5	384.3	11.5	2732.6
	44	167.5	239.6	413.5	402.0	12.6	2828.2
	45	171.4	240.4	414.7	411.3	13.2	2877.3
	46	175.3	241.2	416.0	420.6	13.8	2926.5

Table55

DSLCL-320-4W

جدول شماره ۵۵

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	253.8	188.4	343.2	609.1	17.8	737.7	12.4
	44	264.0	190.8	346.5	633.6	19.3	763.9	13.3
	45	268.6	191.6	348.2	644.6	19.9	775.4	13.7
	46	274.3	192.8	349.9	658.2	20.8	789.9	14.2
90	42	245.8	198.0	357.5	589.9	16.7	725.1	12.0
	44	255.1	200.0	360.4	614.5	18.1	751.1	12.9
	45	260.6	201.2	362.1	625.4	18.8	762.8	13.3
	46	265.3	202.0	363.8	639.1	19.6	777.0	13.8
95	42	237.8	208.4	373.5	570.8	15.6	713.1	11.6
	44	248.1	210.4	376.0	595.4	17.0	739.1	12.5
	45	252.6	211.2	377.7	606.3	17.6	750.5	12.9
	46	257.2	212.4	378.9	617.3	18.3	762.3	13.3
100	42	229.9	219.2	389.9	551.7	14.6	701.4	11.2
	44	239.0	221.2	392.8	573.6	15.8	724.6	12.0
	45	243.5	222.0	394.1	584.5	16.4	736.1	12.4
	46	249.2	223.2	395.8	598.1	17.2	750.5	12.9
105	42	221.1	231.2	407.6	530.7	13.5	688.5	10.8
	44	229.9	232.8	410.5	551.7	14.6	710.7	11.5
	45	234.4	233.6	411.8	562.6	15.2	722.1	11.9
	46	240.1	234.4	413.1	576.3	15.9	736.3	12.4

Table56

DSLCL-320-4A

جدول شماره ۵۶

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	228.7	231.2	407.6	549.0	14.5	3534.2
	44	237.8	232.8	410.5	570.8	15.6	3648.9
	45	242.4	233.6	411.8	581.7	16.2	3706.2
	46	245.9	234.4	413.1	592.7	16.9	3763.6
120	42	219.5	243.2	426.1	526.8	13.3	3464.5
	44	228.7	244.8	429.1	549.0	14.5	3580.6
	45	233.3	246.0	430.3	559.9	15.0	3639.3
	46	237.8	246.8	431.6	570.8	15.6	3696.7
125	42	210.4	256.0	445.5	505.0	12.2	3399.0
	44	219.1	257.6	448.0	525.8	13.3	3508.2
	45	223.5	258.4	449.7	536.4	13.8	3564.2
	46	227.6	259.2	450.9	546.2	14.3	3616.1
130	42	201.0	268.8	464.8	482.3	11.2	3329.3
	44	209.6	270.4	468.2	503.1	12.1	3438.6
	45	213.8	271.6	469.5	513.2	12.6	3493.2
	46	218.3	272.4	471.2	523.8	13.2	3549.2
135	42	191.2	281.6	485.1	458.8	10.1	3255.6
	44	199.6	283.6	488.4	479.1	11.0	3363.5
	45	203.8	284.8	490.1	489.2	11.5	3418.1
	46	208.3	286.0	491.8	499.8	12.0	3475.5

Table57

DSLCL-360-4W

جدول شماره 57

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	289.1	210.0	397.5	693.7	12.5	837.1	13.3
	44	299.3	211.6	400.0	718.3	13.4	862.8	14.1
	45	305.0	212.4	400.8	732.0	13.9	877.0	14.6
	46	310.7	213.2	402.1	745.6	14.5	891.2	15.1
90	42	281.1	220.2	413.5	674.6	11.8	825.6	12.9
	44	292.5	222.8	416.0	701.9	12.8	854.0	13.8
	45	297.0	223.6	416.8	712.8	13.2	865.5	14.2
	46	302.7	224.4	418.1	726.5	13.7	879.7	14.7
95	42	273.1	233.2	431.2	655.5	11.2	814.7	12.6
	44	283.4	234.8	433.7	680.1	12.0	840.4	13.4
	45	289.1	235.6	434.5	693.7	12.5	854.6	13.9
	46	294.7	236.4	435.8	707.4	13.0	868.8	14.3
100	42	265.2	246.4	450.9	636.4	10.5	804.6	12.3
	44	275.4	248.0	453.1	661.0	11.4	830.3	13.1
	45	279.9	248.4	453.9	671.9	11.8	841.5	13.4
	46	285.6	249.2	455.2	685.5	12.2	855.7	13.9
105	42	255.1	260.0	471.6	614.5	9.8	792.0	11.9
	44	265.3	261.6	473.7	639.1	10.6	817.7	12.7
	45	270.8	262.4	474.9	650.0	11.0	829.2	13.0
	46	276.5	263.2	476.2	663.7	11.5	843.4	13.5

Table58

DSLCL-360-4A

جدول شماره 58

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	264.0	260.0	471.6	633.6	10.5	4055.8
	44	274.3	261.6	473.7	658.2	11.3	4184.2
	45	278.8	262.4	474.9	669.1	11.7	4241.6
	46	284.5	263.2	476.2	682.8	12.1	4312.6
120	42	254.9	274.8	493.9	611.8	9.7	3997.1
	44	265.2	276.0	496.4	636.4	10.5	4124.1
	45	269.7	276.8	497.7	647.3	10.9	4181.5
	46	275.4	277.6	498.5	661.0	11.4	4252.5
125	42	245.8	290.0	517.5	589.9	9.1	3939.8
	44	254.9	291.6	520.0	611.8	9.7	4054.5
	45	259.5	292.4	521.3	622.7	10.1	4111.8
	46	265.2	293.2	522.5	636.4	10.5	4182.8
130	42	235.6	305.6	542.3	565.4	8.3	3870.1
	44	244.7	307.2	545.3	587.2	9.0	3984.8
	45	249.2	308.0	546.5	598.1	9.3	4042.2
	46	254.9	309.2	548.2	611.8	9.7	4114.6
135	42	224.8	321.2	567.6	539.4	7.6	3793.6
	44	234.4	323.6	571.4	562.6	8.2	3917.9
	45	239.0	324.4	573.1	573.6	8.6	3975.3
	46	243.5	325.6	574.7	584.5	8.9	4034.0

Table59

DSLCL-440-4W

جدول شماره ۵۹

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	363.0	252.8	458.1	871.3	15.2	1043.9	15.1
	44	377.8	255.6	462.3	906.8	16.4	1081.3	16.2
	45	385.8	257.2	464.4	925.9	17.1	1101.5	16.8
	46	393.7	259.2	466.9	945.0	17.8	1122.0	17.4
90	42	351.6	264.4	475.8	843.9	14.2	1024.5	14.5
	44	366.4	266.8	479.6	879.4	15.5	1061.6	15.6
	45	373.3	268.4	481.7	895.8	16.0	1079.1	16.1
	46	381.2	269.6	483.8	915.0	16.7	1099.0	16.7
95	42	339.1	277.2	495.6	813.9	13.2	1003.2	13.9
	44	353.9	279.6	499.4	849.4	14.4	1040.3	15.0
	45	360.7	280.8	501.1	865.8	15.0	1057.5	15.5
	46	368.7	282.4	503.2	884.9	15.6	1077.7	16.0
100	42	326.6	291.2	517.1	783.9	12.3	982.7	13.3
	44	340.3	293.6	520.4	816.6	13.3	1017.1	14.3
	45	348.2	294.8	522.5	835.7	14.0	1037.0	14.9
	46	355.1	296.0	524.6	852.1	14.5	1054.2	15.4
105	42	313.0	306.0	540.2	751.1	11.3	960.0	12.7
	44	326.6	308.4	543.6	783.9	12.3	994.4	13.7
	45	333.4	309.6	545.7	800.2	12.8	1011.6	14.1
	46	340.3	310.8	547.8	816.6	13.3	1028.8	14.6

Table60

DSLCL-440-4A

جدول شماره ۶۰

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	323.2	306.0	540.2	775.7	12.0	4923.0
	44	336.8	308.4	543.6	808.4	13.1	5095.1
	45	343.7	309.6	545.7	824.8	13.6	5181.1
	46	350.5	310.8	547.8	841.2	14.1	5267.1
120	42	309.5	322.0	565.1	742.9	11.0	4813.7
	44	322.1	324.4	568.8	772.9	11.9	4972.2
	45	328.9	325.6	570.5	789.3	12.4	5058.2
	46	335.7	326.8	572.6	805.7	13.0	5144.2
125	42	294.7	338.8	591.6	707.4	10.0	4693.6
	44	307.3	341.2	595.4	737.4	10.9	4852.0
	45	314.1	342.4	597.1	753.8	11.4	4938.0
	46	320.9	344.0	599.2	770.2	11.9	5025.4
130	42	278.8	356.4	618.9	669.1	8.9	4562.5
	44	291.3	358.8	623.2	699.2	9.8	4720.9
	45	298.2	360.4	625.3	715.6	10.2	4808.3
	46	305.0	361.6	627.4	732.0	10.7	4894.3
135	42	264.0	374.4	647.6	633.6	8.0	4446.4
	44	275.4	377.2	652.2	661.0	8.7	4592.5
	45	282.2	378.8	654.3	677.3	9.2	4679.9
	46	289.1	380.0	656.4	693.7	9.6	4765.9

Table61

DSLCL-500-4W

جدول شماره ٦١

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	413.1	293.6	534.7	991.4	19.2	1191.9	16.1
	44	429.0	297.2	539.8	1029.7	20.7	1232.6	17.2
	45	437.0	298.8	542.3	1048.8	21.5	1252.8	17.8
	46	445.1	300.4	545.3	1070.6	22.4	1275.7	18.5
90	42	400.6	308.4	557.5	961.4	18.1	1172.0	15.6
	44	415.5	311.6	562.1	999.6	19.5	1212.4	16.7
	45	424.5	313.2	564.6	1018.7	20.3	1232.6	17.2
	46	432.4	314.8	567.2	1037.9	21.1	1252.8	17.8
95	42	388.1	324.8	581.9	931.3	17.0	1153.1	15.1
	44	402.9	327.6	586.5	966.8	18.3	1190.5	16.1
	45	410.8	329.2	589.1	986.0	19.0	1210.7	16.6
	46	418.8	330.8	591.2	1005.1	19.7	1231.0	17.2
100	42	374.4	341.6	608.4	898.6	15.8	1131.8	14.5
	44	389.2	344.4	613.1	934.1	17.1	1169.2	15.5
	45	397.2	346.0	615.2	953.2	17.8	1189.4	16.0
	46	405.1	347.6	617.3	972.3	18.5	1209.7	16.6
105	42	359.6	360.0	636.6	863.1	14.6	1108.9	13.9
	44	375.5	362.4	640.8	901.3	15.9	1148.7	15.0
	45	382.4	364.0	642.9	917.7	16.5	1166.2	15.4
	46	390.3	365.2	645.1	936.8	17.2	1186.2	16.0

Table62

DSLCL-500-4A

جدول شماره ٦٢

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	372.1	360.0	636.6	893.1	15.6	5694.6
	44	385.9	362.4	640.8	928.6	16.7	5880.3
	45	393.7	364.0	642.9	945.0	17.5	5967.7
	46	401.7	365.2	645.1	964.1	18.2	6067.4
120	42	357.3	378.8	666.5	857.6	14.4	5581.2
	44	372.1	381.6	670.7	893.1	15.6	5768.3
	45	379.0	382.8	672.8	909.5	16.2	5854.3
	46	386.9	384.4	674.9	928.6	16.9	5955.4
125	42	342.5	398.4	697.3	822.1	13.2	5470.6
	44	357.3	401.2	701.5	857.6	14.4	5657.7
	45	364.2	402.8	703.6	874.0	14.9	5745.1
	46	371.0	404.0	706.1	890.4	15.5	5831.1
130	42	327.7	418.4	728.4	786.6	12.1	5361.4
	44	341.4	421.6	733.5	819.4	13.1	5536.1
	45	348.2	422.8	735.6	835.7	13.7	5622.2
	46	355.1	424.4	738.1	852.1	14.2	5709.6
135	42	311.8	438.8	760.4	748.3	10.9	5239.8
	44	325.5	442.0	765.9	781.1	11.9	5414.6
	45	332.3	443.6	768.8	797.5	12.4	5502.0
	46	339.1	445.2	771.4	813.9	12.9	5589.4

Table63

DSLCL-560-4W

جدول شماره ۶۳

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Cooling water	
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	Flow rate [GPM]	Pressure drop [ft]
85	42	472.3	328.8	595.4	1133.5	22.9	1358.0	17.2
	44	490.5	331.6	599.2	1177.2	24.7	1403.6	18.4
	45	499.6	332.8	600.8	1199.0	25.6	1426.2	19.0
	46	508.7	334.0	602.9	1220.9	26.6	1448.9	19.6
90	42	459.8	346.4	621.9	1103.4	21.7	1339.9	16.7
	44	478.0	348.8	625.7	1147.1	23.5	1385.3	17.9
	45	487.1	350.0	627.4	1169.0	24.4	1407.9	18.5
	46	496.2	351.2	629.5	1190.8	25.3	1430.6	19.1
95	42	447.2	365.2	650.9	1073.4	20.5	1322.7	16.3
	44	464.3	367.6	654.7	1114.3	22.1	1365.3	17.4
	45	473.4	368.8	656.4	1136.2	23.0	1388.0	18.0
	46	482.5	370.0	658.1	1158.0	23.9	1410.7	18.6
100	42	433.6	385.6	682.5	1040.6	19.3	1303.9	15.9
	44	450.6	388.0	685.9	1081.6	20.8	1346.5	16.9
	45	458.6	389.2	688.8	1100.7	21.6	1366.4	17.4
	46	467.7	390.4	689.3	1122.5	22.5	1389.1	18.0
105	42	418.8	407.2	715.8	1005.1	18.0	1283.1	15.4
	44	435.9	409.6	719.2	1046.1	19.5	1325.7	16.4
	45	443.8	410.4	721.3	1065.2	20.2	1345.4	16.9
	46	452.9	411.6	722.9	1087.0	21.1	1368.1	17.4

Table64

DSLCL-560-4A

جدول شماره ۶۴

Condenser water leaving Temp. °F	EWLT. °F	Actual Cap. [TON]	Electric		Chilled water		Heat Rejection [MBH]
			Power [KW]	Current [A]	Flow rate [GPM]	Pressure drop [ft]	
115	42	432.4	407.2	715.8	1037.9	19.2	6579.5
	44	448.4	409.6	719.2	1076.1	20.6	6778.8
	45	457.5	410.4	721.3	1097.9	21.5	6890.8
	46	465.4	411.6	722.9	1117.1	22.2	6990.5
120	42	417.6	430.0	751.6	1002.4	17.9	6479.8
	44	433.6	432.4	754.9	1040.6	19.3	6679.2
	45	441.5	433.6	757.1	1059.7	20.0	6778.8
	46	450.6	434.8	758.7	1081.6	20.8	6892.2
125	42	401.7	453.6	788.6	964.1	16.6	6369.2
	44	417.6	456.4	792.8	1002.4	17.9	6569.9
	45	425.6	457.6	794.5	1021.5	18.6	6669.6
	46	433.6	458.8	796.6	1040.6	19.3	6769.3
130	42	385.8	478.0	827.4	925.9	15.3	6261.3
	44	400.6	480.8	832.0	961.4	16.5	6448.4
	45	408.5	482.4	834.1	980.5	17.1	6549.4
	46	416.5	483.6	836.2	999.6	17.8	6649.1
135	42	367.6	502.8	867.4	882.2	13.9	6127.5
	44	383.5	506.4	871.6	920.4	15.1	6330.9
	45	391.5	508.0	875.8	939.5	15.7	6432.0
	46	399.4	509.6	880.0	958.7	16.4	6533.0

Table65

مشخصات الکتریکی چیلرهای مجهز به کمپرسور اسکرو

جدول شماره ۶۵

MODEL	Compressor				System			Electric Power Source
	NO.	Max. Power [Kw]	Name Plate Current [A]	Locked Rotor Current [A]	Full Load Current [A]	Max. Starting Current [A]	Wire Sizing Current [A]	
DSLC-50-1 W,A	1	46.7	79.0	355.0	79.0	355.0	89.0	380V/3PH/50Hz
DSLC-60-1 W,A	1	58.0	98.0	449.0	98.0	449.0	110.0	
DSLC-70-1 W,A	1	65.6	124.0	485.0	124.0	485.0	140.0	
DSLC-80-1 W,A	1	77.4	144.0	585.0	144.0	585.0	162.0	
DSLC-90-1 W,A	1	88.0	162.0	686.0	162.0	686.0	182.0	
DSLC-110-1 W,A	1	103.4	182.0	739.0	182.0	739.0	205.0	
DSLC-125-1 W,A	1	120.5	215.0	874.0	215.0	874.0	242.0	
DSLC-140-1 W,A	1	137.8	231.0	941.0	231.0	941.0	260.0	
DSLC-100-2 W,A	2	46.7	79.0	355.0	158.0	434.0	178.0	
DSLC-120-2 W,A	2	58.0	98.0	449.0	196.0	547.0	220.0	
DSLC-140-2 W,A	2	65.6	124.0	485.0	248.0	609.0	279.0	
DSLC-160-2 W,A	2	77.4	144.0	585.0	288.0	729.0	312.0	
DSLC-180-2 W,A	2	88.0	162.0	686.0	324.0	848.0	351.0	
DSLC-220-2 W,A	2	103.4	182.0	739.0	364.0	921.0	394.0	
DSLC-250-2 W,A	2	120.5	215.0	874.0	430.0	1089.0	456.0	
DSLC-280-2 W,A	2	137.8	231.0	941.0	462.0	1172.0	490.0	
DSLC-150-3 W,A	3	46.7	79.0	355.0	237.0	513.0	257.0	
DSLC-180-3 W,A	3	58.0	98.0	449.0	294.0	645.0	319.0	
DSLC-210-3 W,A	3	65.6	124.0	485.0	372.0	733.0	403.0	
DSLC-240-3 W,A	3	77.4	144.0	585.0	432.0	873.0	468.0	
DSLC-270-3 W,A	3	88.0	162.0	686.0	486.0	1010.0	516.0	
DSLC-330-3 W,A	3	103.4	182.0	739.0	546.0	1103.0	580.0	
DSLC-375-3 W,A	3	120.5	215.0	874.0	645.0	1304.0	672.0	
DSLC-420-3 W,A	3	137.8	231.0	941.0	693.0	1403.0	722.0	
DSLC-200-4 W,A	4	46.7	79.0	355.0	316.0	592.0	336.0	
DSLC-240-4 W,A	4	58.0	98.0	449.0	392.0	743.0	416.0	
DSLC-280-4 W,A	4	65.6	124.0	485.0	496.0	857.0	527.0	
DSLC-320-4 W,A	4	77.4	144.0	585.0	576.0	1017.0	600.0	
DSLC-360-4 W,A	4	88.0	162.0	686.0	648.0	1172.0	675.0	
DSLC-440-4 W,A	4	103.4	182.0	739.0	728.0	1285.0	758.0	
DSLC-500-4 W,A	4	120.5	215.0	874.0	860.0	1519.0	895.0	
DSLC-560-4 W,A	4	137.8	231.0	941.0	924.0	1634.0	962.0	

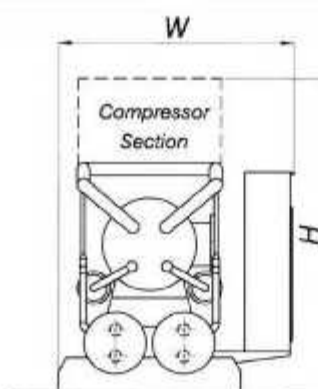
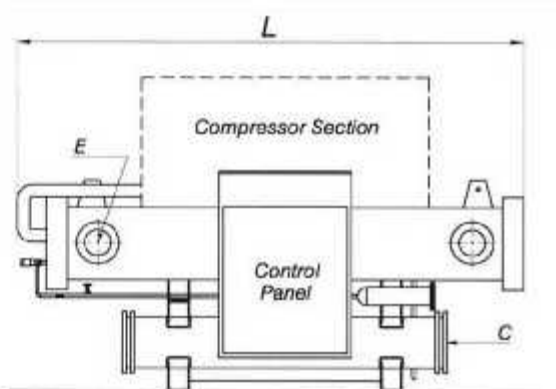
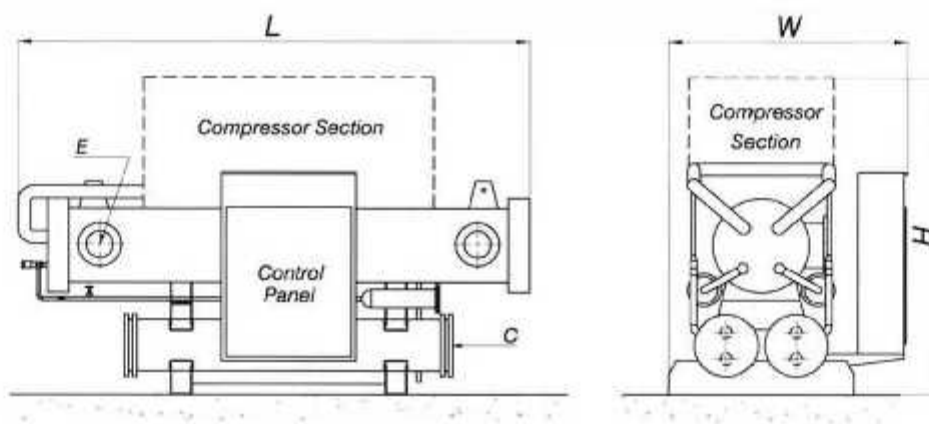


Table66

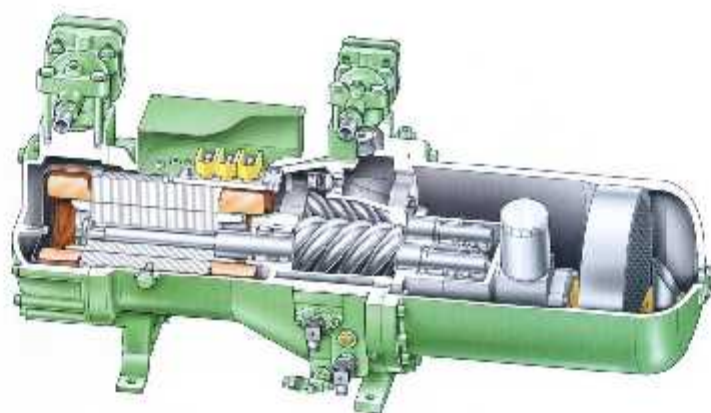
ابعاد و اندازه چیلرهای مجهز به کمپرسور اسکرو

جدول شماره ۶۶

MODEL	WATER COOLED					AIR COOLED			
	L	W	H	E	C	L	W	H	E
DSLC-50-1 W,A	2900	1200	1540	4"	3"	2900	1300	1110	4"
DSLC-60-1 W,A	2900	1200	1570	4"	3"	2900	1300	1110	4"
DSLC-70-1 W,A	3300	1200	1790	4"	3"	3300	1300	1260	4"
DSLC-80-1 W,A	3500	1200	1790	5"	4"	3500	1300	1280	5"
DSLC-90-1 W,A	3500	1250	1630	5"	4"	3500	1350	1280	5"
DSLC-110-1 W,A	3550	1250	1760	5"	4"	3550	1350	1360	5"
DSLC-125-1 W,A	3550	1250	1760	5"	4"	3550	1350	1360	5"
DSLC-140-1 W,A	3550	1250	2000	6"	4"	3550	1350	1540	6"
DSLC-100-2 W,A	3550	1450	1590	5"	3",3"	3550	1500	1190	5"
DSLC-120-2 W,A	3550	1450	1590	5"	3",3"	3550	1500	1190	5"
DSLC-140-2 W,A	3550	1500	1870	6"	3",3"	3550	1550	1410	6"
DSLC-160-2 W,A	3550	1500	1870	6"	4",4"	3550	1550	1410	6"
DSLC-180-2 W,A	3600	1500	1870	6"	4",4"	3600	1550	1410	6"
DSLC-220-2 W,A	3600	1600	2120	6"	4",4"	3600	1650	1650	6"
DSLC-250-2 W,A	4650	1600	2150	6"	4",4"	4650	1650	1650	6"
DSLC-280-2 W,A	4650	1600	2150	6"	4",4"	4650	1650	1650	6"
DSLC-150-3 W,A	3550	1850	1760	6"	3",4"	3550	1900	1290	6"
DSLC-180-3 W,A	3600	1850	1760	6"	3",4"	3600	1900	1350	6"
DSLC-210-3 W,A	3600	1900	2000	6"	3",4"	3600	1950	1520	6"
DSLC-240-3 W,A	4600	1900	2020	6"	4",5"	4600	1950	1520	6"
DSLC-270-3 W,A	4600	1900	2020	6"	4",5"	4600	1950	1520	6"
DSLC-330-3 W,A	4600	2000	2140	8"	4",5"	4600	2100	1650	8"
DSLC-375-3 W,A	4600	2000	2140	8"	4",5"	4600	2100	1650	8"
DSLC-420-3 W,A	6700	2000	2240	8"	4",6"	6700	2100	1700	8"
DSLC-200-4 W,A	3600	2000	1800	6"	4",4"	3600	2100	1340	6"
DSLC-240-4 W,A	4600	2000	1800	6"	4",4"	4600	2100	1340	6"
DSLC-280-4 W,A	4600	2000	1970	6"	4",4"	4600	2100	1500	6"
DSLC-320-4 W,A	4600	2000	2010	8"	4",4"	4600	2100	1520	8"
DSLC-360-4 W,A	4600	2000	2010	8"	5",5"	4600	2100	1520	8"
DSLC-440-4 W,A	6700	2000	2240	8"	5",5"	6700	2100	1700	8"
DSLC-500-4 W,A	6700	2000	2260	8"	5",5"	6700	2100	1720	8"
DSLC-560-4 W,A	6700	2000	2260	8"	6",6"	6700	2100	1720	8"



* حق برگونه تغییرات در مشخصات فنی کاتالوگ بدون اطلاع قبلی برای تولید کننده محفوظ است .



نمای داخلی کمپرسور اسکرو



Damavand Pars
Air Conditioning Systems



نماینده محصولات تیویه مطلوب هیوندای کره در ایران

www.Damavandac.com