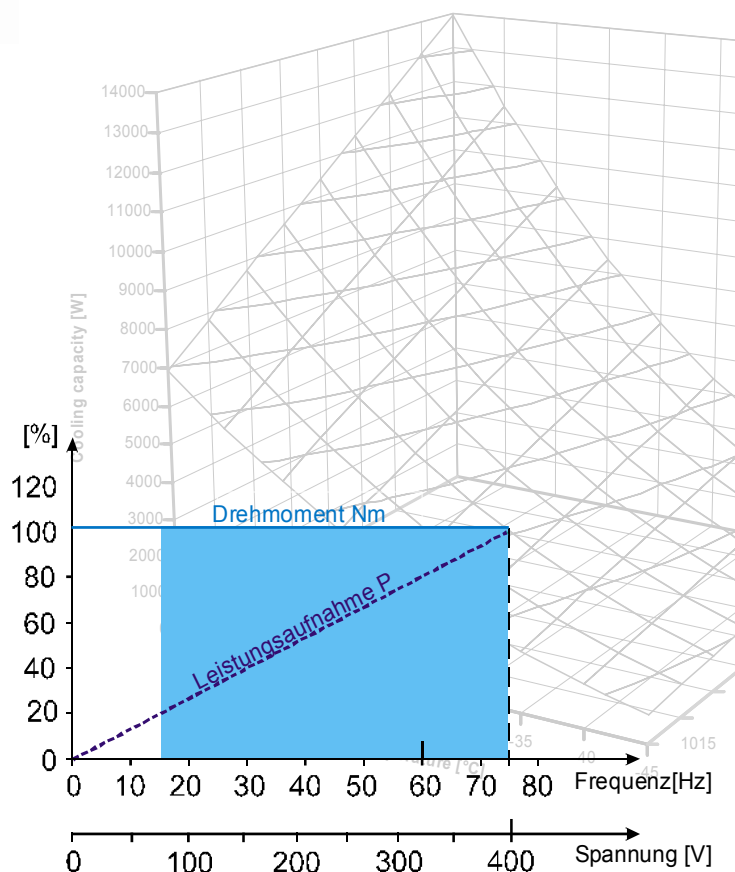


R22, R134a, R404A, R407C, R507



TRENNHAUBEN – KÄLTE – KOMPRESSOREN - frequenzregelbar
SEPARATING HOOD REFRIGERANT COMPRESSORS - frequency controllable
COMPRESSEURS FRIGORIFIQUES A ROTOR CHEMISE - fréquence variable

7-DLRA-1.5

bis / to / á

46L-DLRB-13

35 - 75Hz

14PI-DLRA-3

bis / to / á

46PI-DLRB-13

15 - 75Hz

Einleitung

Introduction

Introduction

1. ALLGEMEINE BESCHREIBUNG:

Als Erweiterung für unsere Kompressoren und Standard Duo-Verbundanlagen, bietet **FRIGOPOL** jetzt auch die Möglichkeit der **Drehzahlregelung**.

Eine Drehzahlregelung kann sowohl mit einem, als auch mit mehreren Verdichtern betrieben werden. Dabei übernimmt ein von uns werkseitig eingestellter Frequenzumrichter die Regelung des frequenzgeregelten Verdichters. Ein Verdichter wird zuerst von 35(15) bis 75Hz geregelt. Bei Bedarf wird auch der zweite Verdichter automatisch zugeschaltet (externer Regler notwendig z.B. ELREHA USP)

Die stufenlose Leistungsregelung durch Drehzahlveränderung ist energetisch die günstigste, da die Verdichterleistung zu 100% an die erforderliche Leistung angepasst wird, ohne den optimalen und gewünschten Arbeitspunkt der Anlage zu verlassen und somit den energetischen Wirkungsgrad des Verdichters zu senken!

2. VORTEILE DER DREHZAHL-REGELUNG:

- **Der Energieverbrauch des Verdichtermotors sinkt proportional mit der Drehzahl.**
Dabei verbessert sich die Kälteleistungsziffer des Verdichters.
Da nahezu alle Kälteanlagen klimatischen und bedarfsabhängigen Schwankungen unterliegen, können durch die Leistungsanpassungen Energieeinsparungen von bis zu 40% erreicht werden.
- **Gewährleistet einen sanften Anlauf des Verdichters.**
Dabei wird die Frequenz und die Spannung gleichmäßig bis auf den Sollwert hochgefahren.
So werden Stromspitzen vermieden, die Verdichterbelaftung sinkt und eine Anlaufentlastung ist somit nicht mehr notwendig.
- **Durch die Nutzung des 75Hz-Betriebes am 50Hz-Netz können Kompressoren kleiner ausgelegt bzw. Leistungsreserven (50%) genutzt werden.**
Bei Kälteanlagen mit starken Lastunterschieden ist dies besonders von Bedeutung.
- **Ermöglicht eine absolut gleichmäßige und stufenlose Leistungsregelung** in folgenden Bereichen:
Betrieb mit einem Verdichter: 50 bis 100%
Betrieb mit einem Verdichter PI: 20 bis 100%
- **Konstanter Saugdruck**
Dadurch ergibt sich eine sehr konstante Regelung aller Komponenten, besonders der thermischen Expansions-ventile.
Auch eine bessere Ausnutzung der inneren Verdampfer-oberfläche und eine Verkleinerung der Temperaturdifferenz am Verdampfer ist somit gegeben.
- **Durch den integrierten PID-Regler im Frequenzumrichter**, kann der Sollwert mit minimalster Abweichung konstant gehalten werden. Außerdem werden durch diese integrierte Bauweise, alle Störeinflüsse von außen, bestens vermieden!
Regelabweichungen können durch die Leistungsreserven von 50% pro Verdichter schnellstens angeglichen werden!

1. GENERAL INTRODUCTION:

To enlarge our range of standard compressors and duo power packs, they are now also offered with speed control.

A single compressor or multi compressor sets can be operated with speed control.
A frequency converter adjusted by Frigopol controls the frequency controlled compressor. This Compressor will start from 35(15) to 75 Hz and if necessary the second compressor is automatically connected (by an external controller like ELREHA USP)

The capacity control by speed variation is the most favourable way of capacity regulation, charging from the point of energetic. The power of the compressors is fully adapted to the required power, without leaving the optimum operating point and therefore without decreasing the energetic efficiency of the compressor!

2. ADVANTAGES OF SPEED CONTROL:

- **The energy consumption of the compressor motor decreases proportional to its speed.**
At the same time the COP of the compressor improves.
Due to the fact that all refrigerating units are subject to climatic variation and variation depending on the demand of refrigerating capacity, the efficiency adaptations result in savings of up to 40% of energy.
- **Ensures a smooth start of the compressor. Frequency and voltage are constantly brought up to the set value.**
This prevents from peak loads, the compressor stress decreases and therefore a start unloader is no more necessary.
- **By utilization advantage of the operation with 75Hz at 50Hz net, the compressors may be smaller dimensioned respectively reserve capacities (50%) may be used.** This is especially important in case of refrigerating units with extreme load differences.
- **Enables absolutely constant and infinitely variable power control** in the following ranges:
Operation with one compressor: 50 to 100%
Operation with one compressor PI: 20 to 100%
- **Constant suction pressure**
The above mentioned facts result in the constant regulation of all components, especially the thermic expansion valves.
Additionally, the internal evaporator surface can be better utilized and the temperature difference at the evaporator is reduced.
- **By means of the integrated PID-regulator inside the frequency converter**, the set value can be kept constant at a minimal deviation. Due to this integrated construction, all disturbances from outside can be prevented. Capacity demands can be matched quickly by the reserve capacity of 50% per compressor.

1. DESCRIPTION GENERALE

Pour élargir sa gamme de solutions frigorifiques, FRIGOPOL propose sur ses compresseurs et groupes frigorifiques la régulation de vitesse (fréquence).

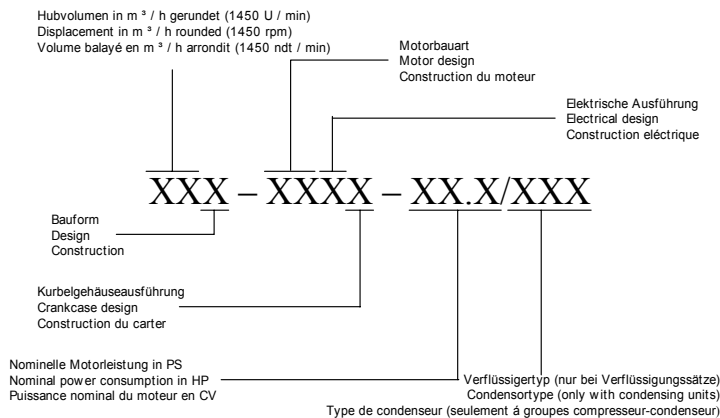
La variation de vitesse s'utilise aussi bien pour un seul ou 2 compresseurs. Le variateur est dimensionné pour permettre la régulation de 2 compresseurs en même temps.
Le premier compresseur est enclenché et travaille de 35(15) à 75 Hz. Si nécessaire, le second s'enclenche automatiquement et s'additionne au premier.

La régulation de puissance sans étages, grâce au variateur, présente des avantages énergétiques considérables car elle permet de répondre précisément et rapidement à la demande de puissance frigorifique, sans pour autant décroître le rendement du compresseur!

2. AVANTAGES DE LA VARIATION DE FREQUENCE :

- **La consommation électrique du moteur est proportionnelle à la vitesse.**
Ainsi, le COP du compresseur augmente. Le besoin en énergie correspond précisément à la demande instantanée de froid et ce quelque soit les variations climatiques.
Economie d'énergie jusqu'à 40 %.
- **Réduction des démarrages des compresseurs.**
La fréquence et l'alimentation augmentent puis se stabilisent lorsque la consigne est atteinte. Ainsi on supprime les pointes d'intensité au démarrage et le démarrage Etoile-Triangle n'est plus nécessaire.
- **Grâce au fonctionnement à 75 Hz sur le secteur 50Hz, on peut choisir un compresseur plus petit** ou préserver une **réserve de puissance (50%)**. Pour les installations comprenant des postes de froid de différentes puissances, la variation de vitesse est encore plus utile.
- **Possibilité de réguler la puissance plus précisément et sans étage** avec les plages suivantes :
Travail avec un compresseur de 50 à 100 %
Travail avec un compresseur PI de 20 à 100 %
- **Pression d'aspiration constante :**
Grâce à la pression d'aspiration plus constante, les détendeurs thermostatiques ou électriques travaillent plus efficacement.
- **Aussi, on remarque que la surface interne de l'évaporateur est mieux utilisée, donc la différence de température diminue.**
Grâce aux paramètres PID sur le **variateur**, la consigne est maintenue avec des écarts plus faibles. Les écarts de régulation peuvent être rapidement corrigés grâce aux 50% de réserve de puissance par compresseur !

Erläuterung - Typenbezeichnung Explanation - Type designation Explications - Designation des types



Kurbelgehäuseausführung / Crankcase design / Construction du carter :

- A Kurbelgehäuse Standardausführung – vollsynthetisches Kältemaschinenöl
Crankcase in conventional design – fully synthetic refrigerator oil
Carter de type standard – huile frigorifique synthétique pur
- B Kurbelgehäuse Standardausführung – Esteröl
Crankcase in conventional – ester-oil
Carter de type standard – huile ester
- C Kurbelgehäuse für NH₃
Crankcase for NH₃
Carter pour NH₃
- D Kurbelgehäuse für NH₃ mit externer Druckgasführung
Crankcase for NH₃ with external discharge pipe
Carter pour NH₃ avec guide externe du gaz comprimé

Bauform / Design / Construction

- L Bauform mit 3facher Lagerung
Design with 3 Bearings
Construction avec 3 roulements
- PI interne Ölpumpe für erweiterte Drehzahlbereiche 15 - 75 Hz
internal Oil - Pump for extended Control Area 15 - 75 Hz
pompe interne d'huile pour la zone de contrôle prolongée 15 - 75 Hz

Motorbauart / Motor design / Construction du moteur:

- D Dreiphasenwechselstrom
Threephase alternating current
Courant alternatif triphase
- DL Dreiphasenwechselstrom – luftgekühlter Motor
Threephase alternating current – air-cooled motor
Courant alternatif triphase – moteur refroidi par air
- EL Einphasenwechselstrom – luftgekühlter Motor
Singlephase alternating current – air-cooled motor
Courant alternatif monophasé – moteur refroidi par air

Elektrische Ausführung / Electrical design / Construction électrique:

- E 230V ; 50Hz
- R 400V ; frequenzregelbar / frequency regulation / réglage
- S Sonderspannung / special voltage / voltages spéciales
- T 400V; 50Hz; polumschaltbar 8-4 / pole variable 8-4 / pôles variable 8-4
- U Y/YY 400V; 60 Hz
- V Y/YY 400V; 50 Hz
- W 400/690V; 60 Hz
- X 230/400V; 60 Hz
- Y 400/690V; 50 Hz
- Z 230/400V; 50 Hz

Andere Ausführungen auf Anfrage
Other designs available on request
Construction pour d'autres types sur demande

R22 35-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		Verdampfungs-temperatur / Evaporating temperature / Température d'évaporation [°C]										
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40
7-DLRA-1.5	30	35							1970	1560	1200	890	620
		50							2.740	2.160	1660	1240	860
		75							3.970	3.130	2.410	1800	1250
	40	35							1730	1340	1020	740	500
		50							2.400	1860	1410	1030	700
		75							3.480	2.700	2.040	1490	1020
	50	35							1480	1130	840	600	
		50							2.060	1570	1160	830	
		75							2.990	2.280	1680	1200	
7-DLRA-2.2	30	35				3.680	3.020	2.460	1970	1560	1200	890	620
		50				5.110	4.200	3.410	2.740	2.160	1660	1240	860
		75				7.410	6.090	4.940	3.970	3.130	2.410	1800	1250
	40	35				3.300	2.700	2.170	1730	1340	1020	740	500
		50				4.590	3.750	3.020	2.400	1860	1410	1030	700
		75				6.660	5.440	4.380	3.480	2.700	2.040	1490	1020
	50	35				2.920	2.380	1.890	1.480	1.130	840	600	
		50				4.060	3.300	2.630	2.060	1.570	1.160	830	
		75				5.890	4.790	3.810	2.990	2.280	1.680	1.200	
7-DLRA-3	30	35	6.340	5.330	4.450	3.680	3.020	2.460	1970	1560	1200	890	620
		50	8.810	7.400	6.180	5.110	4.200	3.410	2.740	2.160	1660	1240	860
		75	12.770	10.730	8.960	7.410	6.090	4.940	3.970	3.130	2.410	1800	1250
	40	35	5.720	4.800	4.000	3.300	2.700	2.170	1730	1340	1020	740	500
		50	7.940	6.670	5.560	4.590	3.750	3.020	2.400	1860	1410	1030	700
		75	11.510	9.670	8.060	6.660	5.440	4.380	3.480	2.700	2.040	1490	
	50	35	5.080	4.270	3.560	2.920	2.380	1.890	1.480	1.130	840	600	
		50	7.050	5.930	4.940	4.060	3.300	2.630	2.060	1.570	1.160	830	
		75	10.220	8.600	7.160	5.890	4.790	3.810	2.990	2.280	1.680	1.200	
10-DLRA-2.2	30	35							2.690	2.130	1.660	1.250	900
		50							3.730	2.960	2.310	1.740	1.250
		75							5.410	4.290	3.350	2.520	1.810
	40	35							1.730	1.340	1.020	740	760
		50							3.260	2.560	1.960	1.470	1.050
		75							3.480	2.700	2.040	1.490	1.020
	50	35							1.480	1.130	840	600	
		50							2.810	2.170	1.650	1.220	
		75							2.990	2.280	1.680	1.200	
10-DLRA-3	30	35				4.990	4.100	3.330	2.690	2.130	1.660	1.250	900
		50				6.930	5.690	4.630	3.730	2.960	2.310	1.740	1.250
		75				10.050	8.250	6.710	5.410	4.290	3.350	2.520	1.810
	40	35				4.490	3.660	2.950	2.350	1.840	1.410	1.060	760
		50				6.230	5.080	4.100	3.260	2.560	1.960	1.470	1.050
		75				9.030	7.370	5.950	4.730	3.710	2.840	2.130	1.520
	50	35				3.970	3.210	2.570	2.020	1.560	1.190	880	
		50				5.510	4.460	3.570	2.810	2.170	1.650	1.220	
		75				7.990	6.470	5.180	4.070	3.150	2.390	1.770	
10-DLRA-3.5	30	35	8.600	7.220	6.030	4.990	4.100	3.330	2.690	2.130	1.660	1.250	900
		50	11.940	10.030	8.370	6.930	5.690	4.630	3.730	2.960	2.310	1.740	1.250
		75	17.310	14.540	12.140	10.050	8.250	6.710	5.410	4.290	3.350	2.520	1.810
	40	35	7.770	6.520	5.440	4.490	3.660	2.950	2.350	1.840	1.410	1.060	760
		50	10.790	9.060	7.550	6.230	5.080	4.100	3.260	2.560	1.960	1.470	1.050
		75	15.650	13.140	10.950	9.030	7.370	5.950	4.730	3.710	2.840	2.130	1.520
	50	35	6.950	5.820	4.830	3.970	3.210	2.570	2.020	1.560	1.190	880	
		50	9.650	8.090	6.710	5.510	4.460	3.570	2.810	2.170	1.650	1.220	
		75	13.990	11.730	9.730	7.990	6.470	5.180	4.070	3.150	2.390	1.770	
14-DLRA-3	30	35							4.010	3.160	2.450	1.850	1.350
		50							5.570	4.390	3.400	2.570	1.870
		75							8.080	6.370	4.930	3.730	2.710
	40	35							3.540	2.770	2.130	1.600	1.160
		50							4.910	3.850	2.960	2.220	1.610
		75							7.120	5.580	4.290	3.220	2.330
	50	35							3.070	2.390	1.820	1.340	
		50							4.260	3.320	2.530	1.860	
		75							6.180	4.810	3.670	2.700	
14-DLRA-3.5	30	35				7.540	6.180	5.010	4.010	3.160	2.450	1.850	1.350
		50				10.470	8.580	6.960	5.570	4.390	3.400	2.570	1.870
		75				15.180	12.440	10.090	8.080	6.370	4.930	3.730	2.710
	40	35				6.730	5.490	4.440	3.540	2.770	2.130	1.600	1.160
		50				9.350	7.630	6.160	4.910	3.850	2.960	2.220	1.610
		75				13.560	11.060	8.930	7.120	5.580	4.290	3.220	2.330
	50	35				5.920	4.810	3.870	3.070	2.390	1.820	1.340	
		50				8.220	6.680	5.370	4.260	3.320	2.530	1.860	
		75				11.920	9.690	7.790	6.180	4.810	3.670	2.700	
14-DLRA-5	30	35	12.910	10.890	9.100	7.540	6.180	5.010	4.010	3.160	2.450	1.850	1.350
		50	17.930	15.120	12.640	10.470	8.580	6.960	5.570	4.390	3.400	2.570	1.870
		75	26.000	21.920	18.330	15.180	12.440	10.090	8.080	6.370	4.930	3.730	2.710
	40	35	11.650	9.790	8.160	6.730	5.490	4.440	3.540	2.770	2.130	1.600	1.160
		50	16.180	13.600	11.330	9.350	7.630	6.160	4.910	3.850	2.960	2.220	1.610
		75	23.460	19.720	16.430	13.560	11.060	8.930	7.120	5.580	4.290	3.220	2.330
	50	35	10.370	8.680	7.200	5.920	4.810	3.870	3.070	2.390	1.820	1.340	
		50	14.400	12.050	10.000	8.220	6.680	5.370	4.260	3.320	2.530	1.860	
		75	20.880	17.470	14.500	11.920	9.690	7.790	6.180	4.810	3.670	2.700	

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40
19-DLRA-5	30	35							5.470	4.340	3.390	2.590	1920
		50							7.600	6.030	4.710	3.600	2.670
		75							11020	8.740	6.830	5.220	3.870
	40	35							4.840	3.810	2.960	2.250	1.680
		50							6.720	5.290	4.110	3.130	2.330
		75							9.740	7.670	5.960	4.540	3.380
	50	35							1.480	1.130	840	600	
		50							5.870	4.580	3.500	2.630	
		75							8.510	6.640	5.080	3.810	
19-DLRA-6	30	35				10.210	8.380	6.810	5.470	4.340	3.390	2.590	1920
		50				14.180	11.640	9.460	7.600	6.030	4.710	3.600	2.670
		75				20.560	16.880	13.720	11020	8.740	6.830	5.220	3.870
	40	35				9.210	7.520	6.070	4.840	3.810	2.960	2.250	1.680
		50				12.790	10.440	8.430	6.720	5.290	4.110	3.130	2.330
		75				18.550	15.140	12.220	9.740	7.670	5.960	4.540	3.380
	50	35				8.160	6.640	5.330	4.230	3.300	2.520	1.890	
		50				11.340	9.220	7.400	5.870	4.580	3.500	2.630	
		75				16.440	13.370	10.730	8.510	6.640	5.080	3.810	
19-DLRA-7.5	30	35	17.520	14.750	12.330	10.210	8.380	6.810	5.470	4.340	3.390	2.590	1920
		50	24.340	20.490	17.120	14.180	11.640	9.460	7.600	6.030	4.710	3.600	2.670
		75	35.290	29.710	24.820	20.560	16.880	13.720	11020	8.740	6.830	5.220	3.870
	40	35	15.990	13.430	11.170	9.210	7.520	6.070	4.840	3.810	2.960	2.250	1.680
		50	22.210	18.650	15.520	12.790	10.440	8.430	6.720	5.290	4.110	3.130	2.330
		75	32.200	27.040	22.500	18.550	15.140	12.220	9.740	7.670	5.960	4.540	3.380
	50	35	14.300	11.970	9.940	8.160	6.640	5.330	4.230	3.300	2.520	1.890	
		50	19.860	16.630	13.800	11.340	9.220	7.400	5.870	4.580	3.500	2.630	
		75	28.800	24.110	20.010	16.440	13.370	10.730	8.510	6.640	5.080	3.810	
24-DLRA-5.4	30	35							6.700	5.340	4.170	3.170	2.280
		50							9.310	7.410	5.790	4.400	3.170
		75							13.500	10.740	8.400	6.380	4.600
	40	35							5.940	4.690	3.640	2.740	1.970
		50							8.250	6.510	5.050	3.800	2.730
		75							11.960	9.440	7.320	5.510	3.960
	50	35							5.180	4.050	3.070	2.220	
		50							7.200	5.620	4.270	3.090	
		75							10.440	8.150	6.190	4.480	
24-DLRA-7.5	30	35				12.390	10.200	8.310	6.700	5.340	4.170	3.170	2.280
		50				17.210	14.160	11.540	9.310	7.410	5.790	4.400	3.170
		75				24.950	20.530	16.730	13.500	10.740	8.400	6.380	4.600
	40	35				11.180	9.150	7.420	5.940	4.690	3.640	2.740	1.970
		50				15.530	12.710	10.300	8.250	6.510	5.050	3.800	2.730
		75				22.520	18.430	14.940	11.960	9.440	7.320	5.510	3.960
	50	35				9.950	8.100	6.520	5.180	4.050	3.070	2.220	
		50				13.820	11.250	9.060	7.200	5.620	4.270	3.090	
		75				20.040	16.310	13.140	10.440	8.150	6.190	4.480	
24-DLRA-10	30	35	21.250	17.890	14.940	12.390	10.200	8.310	6.700	5.340	4.170	3.170	2.280
		50	29.510	24.850	20.750	17.210	14.160	11.540	9.310	7.410	5.790	4.400	3.170
		75	42.790	36.030	30.090	24.950	20.530	16.730	13.500	10.740	8.400	6.380	4.600
	40	35	19.400	16.280	13.550	11.180	9.150	7.420	5.940	4.690	3.640	2.740	1.970
		50	26.950	22.610	18.820	15.530	12.710	10.300	8.250	6.510	5.050	3.800	2.730
		75	39.080	32.780	27.290	22.520	18.430	14.940	11.960	9.440	7.320	5.510	3.960
	50	35	17.500	14.610	12.110	9.950	8.100	6.520	5.180	4.050	3.070	2.220	
		50	24.300	20.290	16.820	13.820	11.250	9.060	7.200	5.620	4.270	3.090	
		75	35.240	29.420	24.390	20.040	16.310	13.140	10.440	8.150	6.190	4.480	
30L-DLRA-7.5	30	35							8.220	6.460	5.000	3.790	2.820
		50							11.410	8.970	6.940	5.270	3.920
		75							16.540	13.010	10.060	7.640	5.680
	40	35							7.120	5.540	4.250	3.190	2.330
		50							9.890	7.700	5.900	4.430	3.240
		75							14.340	11.170	8.560	6.420	4.700
	50	35							6.060	4.670	3.510	2.560	
		50							8.420	6.490	4.880	3.550	
		75							12.210	9.410	7.080	5.150	
30L-DLRA-10	30	35				15.640	12.770	10.300	8.220	6.460	5.000	3.790	2.820
		50				21.720	17.730	14.310	11.410	8.970	6.940	5.270	3.920
		75				31.490	25.710	20.750	16.540	13.010	10.060	7.640	5.680
	40	35				13.850	11.240	9.010	7.120	5.540	4.250	3.190	2.330
		50				19.240	15.610	12.510	9.890	7.700	5.900	4.430	3.240
		75				27.900	22.630	18.140	14.340	11.170	8.560	6.420	4.700
	50	35				12.070	9.730	7.740	6.060	4.670	3.510	2.560	
		50				16.760	13.510	10.750	8.420	6.490	4.880	3.550	
		75				24.300	19.590	15.590	12.210	9.410	7.080	5.150	
30L-DLRA-13	30	35	27.040	22.740	18.950	15.640	12.770	10.300	8.220	6.460	5.000	3.790	2.820
		50	37.560	31.580	26.320	21.720	17.730	14.310	11.410	8.970	6.940	5.270	3.920
		75	54.460	45.790	38.160	31.490	25.710	20.750	16.540	13.010	10.060	7.640	5.680
	40	35	24.350	20.380	16.880	13.850	11.240	9.010	7.120	5.540	4.250	3.190	2.330
		50	33.820	28.300	23.450	19.240	15.610	12.510	9.890	7.700	5.900	4.430	3.240
		75	49.040	41.040	34.000	27.900	22.630	18.140	14.340	11.170	8.560	6.420	4.700
	50	35	21.630	17.990	14.810	12.070	9.730	7.740	6.060	4.670	3.510	2.560	
		50	30.040	24.980	20.570	16.760	13.510	10.750	8.420	6.490	4.880	3.550	
		75	43.560	36.220	29.830	24.300	19.590	15.590	12.210	9.410	7.080	5.150	

R22 35-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40
35 L-DLRA-7.5	30	35							9.600	7.540	5.840	4.440	3.300
		50							13.330	10.470	8.110	6.160	4.580
		75							19.330	15.180	11.760	8.930	6.640
	40	35							8.470	6.600	5.070	3.820	2.840
		50							11.760	9.170	7.040	5.310	3.940
		75							17.050	13.300	10.210	7.700	5.710
	50	35							7.350	5.690	4.310	3.190	
		50							10.210	7.900	5.990	4.430	
		75							14.800	11.460	8.690	6.420	
35 L-DLRA-10	30	35				18.270	14.910	12.040	9.600	7.540	5.840	4.440	3.300
		50				25.370	20.710	16.720	13.330	10.470	8.110	6.160	4.580
		75				36.790	30.030	24.240	19.330	15.180	11.760	8.930	6.640
	40	35				16.350	13.310	10.690	8.470	6.600	5.070	3.820	2.840
		50				22.710	18.490	14.850	11.760	9.170	7.040	5.310	3.940
		75				32.930	26.810	21.530	17.050	13.300	10.210	7.700	5.710
	50	35				14.440	11.690	9.340	7.350	5.690	4.310	3.190	
		50				20.060	16.240	12.970	10.210	7.900	5.990	4.430	
		75				29.090	23.550	18.810	14.800	11.460	8.690	6.420	
35 L-DLRA-13	30	35	31.590	26.560	22.130	18.270	14.910	12.040	9.600	7.540	5.840	4.440	3.300
		50	43.870	36.890	30.740	25.370	20.710	16.720	13.330	10.470	8.110	6.160	4.580
		75	63.610	53.490	44.570	36.790	30.030	24.240	19.330	15.180	11.760	8.930	6.640
	40	35	28.380	23.850	19.860	16.350	13.310	10.690	8.470	6.600	5.070	3.820	2.840
		50	39.420	33.130	27.580	22.710	18.490	14.850	11.760	9.170	7.040	5.310	3.940
		75	57.160	48.040	39.990	32.930	26.810	21.530	17.050	13.300	10.210	7.700	5.710
	50	35	25.450	21.280	17.630	14.440	11.690	9.340	7.350	5.690	4.310	3.190	
		50	35.350	29.560	24.480	20.060	16.240	12.970	10.210	7.900	5.990	4.430	
		75	51.260	42.860	35.500	29.090	23.550	18.810	14.800	11.460	8.690	6.420	
40 L-DLRA-10	30	35							10.760	8.430	6.510	4.950	3.700
		50							14.940	11.710	9.040	6.870	5.140
		75							21.660	16.980	13.110	9.960	7.450
	40	35							9.510	7.390	5.660	4.280	3.210
		50							13.210	10.270	7.860	5.940	4.460
		75							19.150	14.890	11.400	8.610	6.470
	50	35							8.310	6.420	4.860	3.590	
		50							11.540	8.910	6.750	4.990	
		75							16.730	12.920	9.790	7.240	
40 L-DLRA-13	30	35				20.560	16.780	13.520	10.760	8.430	6.510	4.950	3.700
		50				28.560	23.300	18.780	14.940	11.710	9.040	6.870	5.140
		75				41.410	33.790	27.230	21.660	16.980	13.110	9.960	7.450
	40	35				18.460	15.010	12.040	9.510	7.390	5.660	4.280	3.210
		50				25.640	20.850	16.720	13.210	10.270	7.860	5.940	4.460
		75				37.180	30.230	24.240	19.150	14.890	11.400	8.610	6.470
	50	35				16.330	13.230	10.570	8.310	6.420	4.860	3.590	
		50				22.680	18.380	14.680	11.540	8.910	6.750	4.990	
		75				32.890	26.650	21.290	16.730	12.920	9.790	7.240	
46 L-DLRA-13	30	35							10.760	8.430	6.510	4.950	3.700
		50							17.410	13.600	10.460	7.940	6.000
		75							21.660	16.980	13.110	9.960	7.450
	40	35							9.510	7.390	5.660	4.280	3.210
		50							15.300	11.900	9.110	6.880	5.160
		75							19.150	14.890	11.400	8.610	6.470
	50	35							9.620	7.430	5.620	4.160	
		50							13.360	10.320	7.810	5.780	
		75							19.370	14.960	11.320	8.380	

Legende | Legend

Kursiv

Eingeschränkte Sauggasttemperatur erforderlich | Limited suction gas temperature required

Werte bezogen auf 25°C Sauggasttemperatur, ohne Flüssigkeitsunterkühlung
Performance data related to 25°C suction gas temperature, without subcooling

Type	tc [°C]		Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40
14PI-DLRA-3	30	15							1970	1550	1200	910	660
		35							4.010	3.160	2.450	1850	1350
		50							5.570	4.390	3.400	2.570	1870
		75							8.080	6.370	4.930	3.730	2.710
	40	15							1740	1360	1050	780	570
		35							3.540	2.770	2.130	1600	1160
		50							4.910	3.850	2.960	2.220	1610
		75							7.120	5.580	4.290	3.220	2.330
	50	15							1510	1170	890	660	
		35							3.070	2.390	1820	1340	
		50							4.260	3.320	2.530	1860	
		75							6.180	4.810	3.670	2.700	
14PI-DLRA-3.5	30	15				3.700	3.030	2.460	1970	1550	1200	910	660
		35				7.540	6.180	5.010	4.010	3.160	2.450	1850	1350
		50				10.470	8.580	6.960	5.570	4.390	3.400	2.570	1870
		75				15.180	12.440	10.090	8.080	6.370	4.930	3.730	2.710
	40	15				3.300	2.700	2.180	1740	1360	1050	780	570
		35				6.730	5.490	4.440	3.540	2.770	2.130	1600	1160
		50				9.350	7.630	6.160	4.910	3.850	2.960	2.220	1610
		75				13.560	11.060	8.930	7.120	5.580	4.290	3.220	2.330
	50	15				2.900	2.360	1900	1510	1170	890	660	
		35				5.920	4.810	3.870	3.070	2.390	1820	1340	
		50				8.220	6.680	5.370	4.260	3.320	2.530	1860	
		75				11.920	9.690	7.790	6.180	4.810	3.670	2.700	
14PI-DLRA-5	30	15	6.340	5.340	4.470	3.700	3.030	2.460	1970	1550	1200	910	660
		35	12.910	10.890	9.100	7.540	6.180	5.010	4.010	3.160	2.450	1850	1350
		50	17.930	15.120	12.640	10.470	8.580	6.960	5.570	4.390	3.400	2.570	1870
		75	26.000	21.920	18.330	15.180	12.440	10.090	8.080	6.370	4.930	3.730	2.710
	40	15	5.720	4.810	4.000	3.300	2.700	2.180	1740	1360	1050	780	570
		35	11.650	9.790	8.160	6.730	5.490	4.440	3.540	2.770	2.130	1600	1160
		50	16.180	13.600	11.330	9.350	7.630	6.160	4.910	3.850	2.960	2.220	1610
		75	23.460	19.720	16.430	13.560	11.060	8.930	7.120	5.580	4.290	3.220	2.330
	50	15	5.090	4.260	3.530	2.900	2.360	1900	1510	1170	890	660	
		35	10.370	8.680	7.200	5.920	4.810	3.870	3.070	2.390	1820	1340	
		50	14.400	12.050	10.000	8.220	6.680	5.370	4.260	3.320	2.530	1860	
		75	20.880	17.470	14.500	11.920	9.690	7.790	6.180	4.810	3.670	2.700	
19PI-DLRA-5	30	15							2.690	2.130	1.660	1.270	940
		35							5.470	4.340	3.390	2.590	1920
		50							7.600	6.030	4.710	3.600	2.670
		75							11.020	8.740	6.830	5.220	3.870
	40	15							2.370	1.870	1.450	1.110	820
		35							4.840	3.810	2.960	2.250	1.680
		50							6.720	5.290	4.110	3.130	2.330
		75							9.740	7.670	5.960	4.540	3.380
	50	15							2.070	1.620	1.240	930	
		35							4.230	3.300	2.520	1.890	
		50							5.870	4.580	3.500	2.630	
		75							8.510	6.640	5.080	3.810	
19PI-DLRA-6	30	15				5.010	4.110	3.340	2.690	2.130	1.660	1.270	940
		35				10.210	8.380	6.810	5.470	4.340	3.390	2.590	1920
		50				14.180	11.640	9.460	7.600	6.030	4.710	3.600	2.670
		75				20.560	16.880	13.720	11.020	8.740	6.830	5.220	3.870
	40	15				4.520	3.690	2.980	2.370	1.870	1.450	1.110	820
		35				9.210	7.520	6.070	4.840	3.810	2.960	2.250	1.680
		50				12.790	10.440	8.430	6.720	5.290	4.110	3.130	2.330
		75				18.550	15.140	12.220	9.740	7.670	5.960	4.540	3.380
	50	15				4.010	3.260	2.620	2.070	1.620	1.240	930	
		35				8.160	6.640	5.330	4.230	3.300	2.520	1.890	
		50				11.340	9.220	7.400	5.870	4.580	3.500	2.630	
		75				16.440	13.370	10.730	8.510	6.640	5.080	3.810	
19PI-DLRA-7.5	30	15	8.600	7.240	6.050	5.010	4.110	3.340	2.690	2.130	1.660	1.270	940
		35	17.520	14.750	12.330	10.210	8.380	6.810	5.470	4.340	3.390	2.590	1920
		50	24.340	20.490	17.120	14.180	11.640	9.460	7.600	6.030	4.710	3.600	2.670
		75	35.290	29.710	24.820	20.560	16.880	13.720	11.020	8.740	6.830	5.220	3.870
	40	15	7.850	6.590	5.480	4.520	3.690	2.980	2.370	1.870	1.450	1.110	820
		35	15.990	13.430	11.170	9.210	7.520	6.070	4.840	3.810	2.960	2.250	1.680
		50	22.210	18.650	15.520	12.790	10.440	8.430	6.720	5.290	4.110	3.130	2.330
		75	32.200	27.040	22.500	18.550	15.140	12.220	9.740	7.670	5.960	4.540	3.380
	50	15	7.020	5.880	4.880	4.010	3.260	2.620	2.070	1.620	1.240	930	
		35	14.300	11.970	9.940	8.160	6.640	5.330	4.230	3.300	2.520	1.890	
		50	19.860	16.630	13.800	11.340	9.220	7.400	5.870	4.580	3.500	2.630	
		75	28.800	24.110	20.010	16.440	13.370	10.730	8.510	6.640	5.080	3.810	

R22 15-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40
24PI-DLRA-5.4	30	15							3.290	2.620	2.050	1.550	1.120
		35							6.700	5.340	4.170	3.170	2.280
		50							9.310	7.410	5.790	4.400	3.170
		75							13.500	10.740	8.400	6.380	4.600
	40	15							2.920	2.300	1.780	1.340	960
		35							5.940	4.690	3.640	2.740	1.970
		50							8.250	6.510	5.050	3.800	2.730
		75							11.960	9.440	7.320	5.510	3.960
	50	15							2.540	1.990	1.510	1.090	
		35							5.180	4.050	3.070	2.220	
		50							7.200	5.620	4.270	3.090	
		75							10.440	8.150	6.190	4.480	
24PI-DLRA-7.5	30	15				6.080	5.000	4.080	3.290	2.620	2.050	1.550	1.120
		35				12.390	10.200	8.310	6.700	5.340	4.170	3.170	2.280
		50				17.210	14.160	11.540	9.310	7.410	5.790	4.400	3.170
		75				24.950	20.530	16.730	13.500	10.740	8.400	6.380	4.600
	40	15				5.490	4.490	3.640	2.920	2.300	1.780	1.340	960
		35				11.180	9.150	7.420	5.940	4.690	3.640	2.740	1.970
		50				15.530	12.710	10.300	8.250	6.510	5.050	3.800	2.730
		75				22.520	18.430	14.940	11.960	9.440	7.320	5.510	3.960
	50	15				4.880	3.980	3.200	2.540	1.990	1.510	1.090	
		35				9.950	8.100	6.520	5.180	4.050	3.070	2.220	
		50				13.820	11.250	9.060	7.200	5.620	4.270	3.090	
		75				20.040	16.310	13.140	10.440	8.150	6.190	4.480	
24PI-DLRA-10	30	15	10.430	8.780	7.330	6.080	5.000	4.080	3.290	2.620	2.050	1.550	1.120
		35	21.250	17.890	14.940	12.390	10.200	8.310	6.700	5.340	4.170	3.170	2.280
		50	29.510	24.850	20.750	17.210	14.160	11.540	9.310	7.410	5.790	4.400	3.170
		75	42.790	36.030	30.090	24.950	20.530	16.730	13.500	10.740	8.400	6.380	4.600
	40	15	9.520	7.990	6.650	5.490	4.490	3.640	2.920	2.300	1.780	1.340	960
		35	19.400	16.280	13.550	11.180	9.150	7.420	5.940	4.690	3.640	2.740	1.970
		50	26.950	22.610	18.820	15.530	12.710	10.300	8.250	6.510	5.050	3.800	2.730
		75	39.080	32.780	27.290	22.520	18.430	14.940	11.960	9.440	7.320	5.510	3.960
	50	15	8.590	7.170	5.940	4.880	3.980	3.200	2.540	1.990	1.510	1.090	
		35	17.500	14.610	12.110	9.950	8.100	6.520	5.180	4.050	3.070	2.220	
		50	24.300	20.290	16.820	13.820	11.250	9.060	7.200	5.620	4.270	3.090	
		75	35.240	29.420	24.390	20.040	16.310	13.140	10.440	8.150	6.190	4.480	
30PI-DLRA-7.5	30	15							4.030	3.170	2.450	1.860	1.390
		35							8.220	6.460	5.000	3.790	2.820
		50							11.410	8.970	6.940	5.270	3.920
		75							16.540	13.010	10.060	7.640	5.680
	40	15							3.500	2.720	2.090	1.570	1.150
		35							7.120	5.540	4.250	3.190	2.330
		50							9.890	7.700	5.900	4.430	3.240
		75							14.340	11.170	8.560	6.420	4.700
	50	15							2.980	2.290	1.720	1.250	
		35							6.060	4.670	3.510	2.560	
		50							8.420	6.490	4.880	3.550	
		75							12.210	9.410	7.080	5.150	
30PI-DLRA-10	30	15				7.680	6.270	5.060	4.030	3.170	2.450	1.860	1.390
		35				15.640	12.770	10.300	8.220	6.460	5.000	3.790	2.820
		50				21.720	17.730	14.310	11.410	8.970	6.940	5.270	3.920
		75				31.490	25.710	20.750	16.540	13.010	10.060	7.640	5.680
	40	15				6.800	5.520	4.420	3.500	2.720	2.090	1.570	1.150
		35				13.850	11.240	9.010	7.120	5.540	4.250	3.190	2.330
		50				19.240	15.610	12.510	9.890	7.700	5.900	4.430	3.240
		75				27.900	22.630	18.140	14.340	11.170	8.560	6.420	4.700
	50	15				5.920	4.770	3.800	2.980	2.290	1.720	1.250	
		35				12.070	9.730	7.740	6.060	4.670	3.510	2.560	
		50				16.760	13.510	10.750	8.420	6.490	4.880	3.550	
		75				24.300	19.590	15.590	12.210	9.410	7.080	5.150	
30PI-DLRA-13	30	15	13.270	11.160	9.300	7.680	6.270	5.060	4.030	3.170	2.450	1.860	1.390
		35	27.040	22.740	18.950	15.640	12.770	10.300	8.220	6.460	5.000	3.790	2.820
		50	37.560	31.580	26.320	21.720	17.730	14.310	11.410	8.970	6.940	5.270	3.920
		75	54.460	45.790	38.160	31.490	25.710	20.750	16.540	13.010	10.060	7.640	5.680
	40	15	11.950	10.000	8.290	6.800	5.520	4.420	3.500	2.720	2.090	1.570	1.150
		35	24.350	20.380	16.880	13.850	11.240	9.010	7.120	5.540	4.250	3.190	2.330
		50	33.820	28.300	23.450	19.240	15.610	12.510	9.890	7.700	5.900	4.430	3.240
		75	49.040	41.040	34.000	27.900	22.630	18.140	14.340	11.170	8.560	6.420	4.700
	50	15	10.620	8.830	7.270	5.920	4.770	3.800	2.980	2.290	1.720	1.250	
		35	21.630	17.990	14.810	12.070	9.730	7.740	6.060	4.670	3.510	2.560	
		50	30.040	24.980	20.570	16.760	13.510	10.750	8.420	6.490	4.880	3.550	
		75	43.560	36.220	29.830	24.300	19.590	15.590	12.210	9.410	7.080	5.150	

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40
35PI-DLRA-7.5	30	15							4.710	3.700	2.870	2.180	1.620
		35							9.600	7.540	5.840	4.440	3.300
		50							13.330	10.470	8.110	6.160	4.580
		75							19.330	15.180	11.760	8.930	6.640
	40	15							4.160	3.240	2.490	1.880	1.390
		35							8.470	6.600	5.070	3.820	2.840
		50							11.760	9.170	7.040	5.310	3.940
		75							17.050	13.300	10.210	7.700	5.710
	50	15							3.610	2.790	2.120	1.570	
		35							7.350	5.690	4.310	3.190	
		50							10.210	7.900	5.990	4.430	
		75							14.800	11.460	8.690	6.420	
35PI-DLRA-10	30	15				8.970	7.320	5.910	4.710	3.700	2.870	2.180	1.620
		35				18.270	14.910	12.040	9.600	7.540	5.840	4.440	3.300
		50				25.370	20.710	16.720	13.330	10.470	8.110	6.160	4.580
		75				36.790	30.030	24.240	19.330	15.180	11.760	8.930	6.640
	40	15				8.030	6.530	5.250	4.160	3.240	2.490	1.880	1.390
		35				16.350	13.310	10.690	8.470	6.600	5.070	3.820	2.840
		50				22.710	18.490	14.850	11.760	9.170	7.040	5.310	3.940
		75				32.930	26.810	21.530	17.050	13.300	10.210	7.700	5.710
	50	15				7.090	5.740	4.580	3.610	2.790	2.120	1.570	
		35				14.440	11.690	9.340	7.350	5.690	4.310	3.190	
		50				20.060	16.240	12.970	10.210	7.900	5.990	4.430	
		75				29.090	23.550	18.810	14.800	11.460	8.690	6.420	
35PI-DLRA-13	30	15	15.500	13.040	10.860	8.970	7.320	5.910	4.710	3.700	2.870	2.180	1.620
		35	31.590	26.560	22.130	18.270	14.910	12.040	9.600	7.540	5.840	4.440	3.300
		50	43.870	36.890	30.740	25.370	20.710	16.720	13.330	10.470	8.110	6.160	4.580
		75	63.610	53.490	44.570	36.790	30.030	24.240	19.330	15.180	11.760	8.930	6.640
	40	15	13.930	11.710	9.750	8.030	6.530	5.250	4.160	3.240	2.490	1.880	1.390
		35	28.380	23.850	19.860	16.350	13.310	10.690	8.470	6.600	5.070	3.820	2.840
		50	39.420	33.130	27.580	22.710	18.490	14.850	11.760	9.170	7.040	5.310	3.940
		75	57.160	48.040	39.990	32.930	26.810	21.530	17.050	13.300	10.210	7.700	5.710
	50	15	12.490	10.450	8.650	7.090	5.740	4.580	3.610	2.790	2.120	1.570	
		35	25.450	21.280	17.630	14.440	11.690	9.340	7.350	5.690	4.310	3.190	
		50	35.350	29.560	24.480	20.060	16.240	12.970	10.210	7.900	5.990	4.430	
		75	51.260	42.860	35.500	29.090	23.550	18.810	14.800	11.460	8.690	6.420	
40PI-DLRA-10	30	15							5.280	4.140	3.190	2.430	1.820
		35							10.760	8.430	6.510	4.950	3.700
		50							14.940	11.710	9.040	6.870	5.140
		75							21.660	16.980	13.110	9.960	7.450
	40	15							4.670	3.630	2.780	2.100	1.580
		35							9.510	7.390	5.660	4.280	3.210
		50							13.210	10.270	7.860	5.940	4.460
		75							19.150	14.890	11.400	8.610	6.470
	50	15							4.080	3.150	2.390	1.760	
		35							8.310	6.420	4.860	3.590	
		50							11.540	8.910	6.750	4.990	
		75							16.730	12.920	9.790	7.240	
40PI-DLRA-13	30	15				10.090	8.230	6.640	5.280	4.140	3.190	2.430	1.820
		35				20.560	16.780	13.520	10.760	8.430	6.510	4.950	3.700
		50				28.560	23.300	18.780	14.940	11.710	9.040	6.870	5.140
		75				41.410	33.790	27.230	21.660	16.980	13.110	9.960	7.450
	40	15				9.060	7.370	5.910	4.670	3.630	2.780	2.100	1.580
		35				18.460	15.010	12.040	9.510	7.390	5.660	4.280	3.210
		50				25.640	20.850	16.720	13.210	10.270	7.860	5.940	4.460
		75				37.180	30.230	24.240	19.150	14.890	11.400	8.610	6.470
	50	15				8.020	6.500	5.190	4.080	3.150	2.390	1.760	
		35				16.330	13.230	10.570	8.310	6.420	4.860	3.590	
		50				22.680	18.380	14.680	11.540	8.910	6.750	4.990	
		75				32.890	26.650	21.290	16.730	12.920	9.790	7.240	
46PI-DLRA-13	30	15							6.150	4.810	3.700	2.810	2.120
		35							12.540	9.790	7.530	5.720	4.320
		50							17.410	13.600	10.460	7.940	6.000
		75							25.240	19.720	15.170	11.510	8.700
	40	15							5.410	4.210	3.220	2.430	1.820
		35							11.020	8.570	6.560	4.950	3.720
		50							15.300	11.900	9.110	6.880	5.160
		75							22.190	17.260	13.210	9.980	7.480
	50	15							4.720	3.650	2.760	2.040	
		35							9.620	7.430	5.620	4.160	
		50							13.360	10.320	7.810	5.780	
		75							19.370	14.960	11.320	8.380	

Legende | Legend

Kursiv

Eingeschränkte Sauggasttemperatur erforderlich | Limited suction gas temperature required

Werte bezogen auf 25°C Sauggasttemperatur, ohne Flüssigkeitsunterkühlung
 Performance data related to 25°C suction gas temperature, without subcooling

R134a 35-75Hz Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]							
			10	5	0	-5	-10	-15	-20	-25
7-DLRB-1.5	30	35				2.350	1.870	1.480	1.150	890
		50				3.260	2.600	2.050	1.600	1.240
		75				4.730	3.770	2.970	2.320	1.800
	40	35				2.040	1.620	1.270	980	750
		50				2.830	2.250	1.760	1.360	1.040
		75				4.100	3.260	2.550	1.970	1.510
	50	35				1.780	1.420	1.110	840	590
		50				2.470	1.970	1.540	1.170	820
		75				3.580	2.860	2.230	1.700	1.190
7-DLRB-2.2	30	35	4.330	3.570	2.910	2.350	1.870	1.480	1.150	890
		50	6.020	4.960	4.040	3.260	2.600	2.050	1.600	1.240
		75	8.730	7.190	5.860	4.730	3.770	2.970	2.320	1.800
	40	35	3.790	3.120	2.530	2.040	1.620	1.270	980	750
		50	5.260	4.330	3.520	2.830	2.250	1.760	1.360	1.040
		75	7.630	6.280	5.100	4.100	3.260	2.550	1.970	1.510
	50	35	3.330	2.720	2.210	1.780	1.420	1.110	840	590
		50	4.630	3.780	3.070	2.470	1.970	1.540	1.170	820
		75	6.710	5.480	4.450	3.580	2.860	2.230	1.700	1.190
	60	35	2.870	2.350	1.910	1.530	1.220	940	700	480
		50	3.990	3.270	2.650	2.130	1.690	1.310	970	660
		75	5.790	4.740	3.840	3.090	2.450	1.900	1.410	960
	70	35	2.450	2.010	1.630	1.300	1.020	780	570	400
		50	3.400	2.790	2.260	1.800	1.410	1.080	790	550
		75	4.930	4.050	3.280	2.610	2.040	1.570	1.150	800
10-DLRB-2.2	30	35				3.180	2.530	2.010	1.570	1.220
		50				4.410	3.520	2.790	2.180	1.700
		75				6.390	5.100	4.050	3.160	2.470
	40	35				2.760	2.200	1.710	1.330	1.030
		50				3.840	3.050	2.380	1.850	1.430
		75				5.570	4.420	3.450	2.680	2.070
	50	35				2.410	1.920	1.500	1.140	820
		50				3.350	2.670	2.090	1.590	1.140
		75				4.860	3.870	3.030	2.310	1.650
10-DLRB-3	30	35	5.880	4.840	3.940	3.180	2.530	2.010	1.570	1.220
		50	8.160	6.720	5.470	4.410	3.520	2.790	2.180	1.700
		75	11.830	9.740	7.930	6.390	5.100	4.050	3.160	2.470
	40	35	5.150	4.230	3.440	2.760	2.200	1.710	1.330	1.030
		50	7.150	5.880	4.780	3.840	3.050	2.380	1.850	1.430
		75	10.370	8.530	6.930	5.570	4.420	3.450	2.680	2.070
	50	35	4.560	3.710	3.000	2.410	1.920	1.500	1.140	820
		50	6.330	5.150	4.170	3.350	2.670	2.090	1.590	1.140
		75	9.180	7.470	6.050	4.860	3.870	3.030	2.310	1.650
	60	35	3.930	3.200	2.590	2.080	1.650	1.280	960	660
		50	5.460	4.450	3.600	2.890	2.290	1.780	1.330	910
		75	7.920	6.450	5.220	4.190	3.320	2.580	1.930	1.320
	70	35	3.360	2.740	2.210	1.760	1.380	1.050	780	540
		50	4.660	3.810	3.070	2.440	1.910	1.460	1.080	750
		75	6.760	5.520	4.450	3.540	2.770	2.120	1.570	1.090
14-DLRB-3	30	35				4.800	3.830	3.020	2.350	1.820
		50				6.670	5.320	4.190	3.260	2.530
		75				9.670	7.710	6.080	4.730	3.670
	40	35				4.150	3.290	2.580	2.000	1.550
		50				10.720	8.820	7.180	5.770	4.570
		75				8.370	6.630	5.190	4.030	3.120
	50	35				3.600	2.870	2.270	1.740	1.250
		50				5.000	3.990	3.150	2.410	1.740
		75				7.250	5.790	4.570	3.490	2.520
14-DLRB-3.5	30	35	8.830	7.290	5.950	4.800	3.830	3.020	2.350	1.820
		50	12.260	10.120	8.270	6.670	5.320	4.190	3.260	2.530
		75	17.780	14.670	11.990	9.670	7.710	6.080	4.730	3.670
	40	35	7.720	6.350	5.170	4.150	3.290	2.580	2.000	1.550
		50	10.720	8.820	7.180	5.770	4.570	3.580	2.780	2.150
		75	15.540	12.790	10.410	8.370	6.630	5.190	4.030	3.120
	50	35	6.800	5.530	4.470	3.600	2.870	2.270	1.740	1.250
		50	9.450	7.680	6.210	5.000	3.990	3.150	2.410	1.740
		75	13.700	11.140	9.000	7.250	5.790	4.570	3.490	2.520
	60	35	5.880	4.780	3.870	3.100	2.470	1.920	1.450	1.010
		50	8.160	6.640	5.370	4.310	3.430	2.670	2.010	1.400
		75	11.830	9.630	7.790	6.250	4.970	3.870	2.910	2.030
	70	35	5.010	4.080	3.300	2.630	2.060	1.580	1.170	830
		50	6.960	5.670	4.580	3.650	2.860	2.200	1.630	1.150
		75	10.090	8.220	6.640	5.290	4.150	3.190	2.360	1.670

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

35-75Hz R134a

Type	tc [°C]	to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]							
		10	5	0	-5	-10	-15	-20	-25
19-DLRB-3.5	35				6.510	5.190	4.100	3.200	2.500
	30				9.040	7.210	5.690	4.450	3.470
	75				13.110	10.450	8.250	6.450	5.030
	35				5.680	4.510	3.530	2.740	2.120
	40				7.890	6.260	4.900	3.810	2.950
	75				11.440	9.080	7.110	5.520	4.280
	35				4.970	3.970	3.120	2.390	1.730
	50				6.900	5.510	4.340	3.320	2.400
	75				10.010	7.990	6.290	4.810	3.480
19-DLRB-6	35	11.970	9.890	8.060	6.510	5.190	4.100	3.200	2.500
	30	16.630	13.730	11.200	9.040	7.210	5.690	4.450	3.470
	75	24.110	19.910	16.240	13.110	10.450	8.250	6.450	5.030
	35	10.590	8.710	7.080	5.680	4.510	3.530	2.740	2.120
	40	14.710	12.100	9.830	7.890	6.260	4.900	3.810	2.950
	75	21.330	17.550	14.250	11.440	9.080	7.110	5.520	4.280
	35	9.390	7.630	6.170	4.970	3.970	3.120	2.390	1.730
	50	13.040	10.600	8.570	6.900	5.510	4.340	3.320	2.400
	75	18.910	15.370	12.430	10.010	7.990	6.290	4.810	3.480
	35	8.100	6.600	5.340	4.290	3.410	2.660	1.990	1.390
	60	11.250	9.160	7.410	5.960	4.730	3.690	2.770	1.930
	75	16.310	13.280	10.740	8.640	6.860	5.350	4.020	2.800
	35	6.900	5.640	4.550	3.630	2.840	2.180	1.620	1.140
	70	9.590	7.830	6.320	5.040	3.950	3.030	2.250	1.590
	75	13.910	11.350	9.160	7.310	5.730	4.390	3.260	2.310
24-DLRB-5.4	35				7.910	6.310	4.980	3.920	3.080
	30				10.980	8.760	6.920	5.440	4.280
	75				15.920	12.700	10.030	7.890	6.210
	35				6.900	5.490	4.320	3.370	2.610
	40				9.580	7.620	6.000	4.680	3.630
	75				13.890	11.050	8.700	6.790	5.260
	35				6.050	4.840	3.820	2.940	2.120
	50				8.400	6.720	5.310	4.080	2.950
	75				12.180	9.740	7.700	5.920	4.280
24-DLRB-7.5	35	14.510	11.990	9.790	7.910	6.310	4.980	3.920	3.080
	30	20.150	16.650	13.600	10.980	8.760	6.920	5.440	4.280
	75	29.220	24.140	19.720	15.920	12.700	10.030	7.890	6.210
	35	12.860	10.560	8.580	6.900	5.490	4.320	3.370	2.610
	40	17.860	14.660	11.920	9.580	7.620	6.000	4.680	3.630
	75	25.900	21.260	17.280	13.890	11.050	8.700	6.790	5.260
	35	11.480	9.310	7.520	6.050	4.840	3.820	2.940	2.120
	50	15.950	12.930	10.440	8.400	6.720	5.310	4.080	2.950
	75	23.130	18.750	15.140	12.180	9.740	7.700	5.920	4.280
	35	9.910	8.050	6.510	5.230	4.160	3.250	2.450	1.710
	60	13.770	11.180	9.040	7.260	5.770	4.510	3.400	2.370
	75	19.970	16.210	13.110	10.530	8.370	6.540	4.930	3.440
	35	8.450	6.880	5.540	4.410	3.470	2.670	1.990	1.400
	70	11.740	9.560	7.700	6.130	4.820	3.710	2.770	1.950
	75	17.020	13.860	11.170	8.890	6.990	5.380	4.020	2.830
30L-DLRB-7.5	35				9.960	7.910	6.200	4.810	3.720
	30				13.840	10.990	8.610	6.680	5.160
	75				20.070	15.940	12.480	9.690	7.480
	35				8.550	6.730	5.230	4.030	3.100
	40				11.870	9.350	7.270	5.600	4.300
	75				17.210	13.560	10.540	8.120	6.240
	35				7.340	5.810	4.540	3.430	2.440
	50				10.190	8.070	6.300	4.770	3.390
	75				14.780	11.700	9.140	6.920	4.920
30L-DLRB-10	35	18.480	15.230	12.400	9.960	7.910	6.200	4.810	3.720
	30	25.670	21.150	17.220	13.840	10.990	8.610	6.680	5.160
	75	37.220	30.670	24.970	20.070	15.940	12.480	9.690	7.480
	35	16.130	13.220	10.700	8.550	6.730	5.230	4.030	3.100
	40	22.400	18.360	14.860	11.870	9.350	7.270	5.600	4.300
	75	32.480	26.620	21.550	17.210	13.560	10.540	8.120	6.240
	35	14.200	11.460	9.190	7.340	5.810	4.540	3.430	2.440
	50	19.720	15.910	12.770	10.190	8.070	6.300	4.770	3.390
	75	28.590	23.070	18.520	14.780	11.700	9.140	6.920	4.920
	35	12.250	9.910	7.960	6.340	4.990	3.850	2.870	1.970
	60	17.020	13.760	11.050	8.800	6.930	5.350	3.980	2.730
	75	24.680	19.950	16.020	12.760	10.050	7.760	5.770	3.960
	35	10.450	8.470	6.780	5.360	4.160	3.170	2.330	1.620
	70	14.510	11.760	9.420	7.440	5.780	4.400	3.240	2.250
	75	21.040	17.050	13.660	10.790	8.380	6.380	4.700	3.260
35L-DLRB-7.5	35				11.640	9.240	7.240	5.620	4.340
	30				16.170	12.830	10.060	7.800	6.030
	75				23.450	18.600	14.590	11.310	8.740
	35				10.090	7.980	6.220	4.800	3.690
	40				14.010	11.080	8.640	6.660	5.120
	75				20.310	16.070	12.530	9.660	7.420
	35				8.780	6.980	5.470	4.160	2.970
	50				12.190	9.700	7.600	5.780	4.130
	75				17.680	14.070	11.020	8.380	5.990
35L-DLRB-10	35	21.590	17.780	14.480	11.640	9.240	7.240	5.620	4.340
	30	29.980	24.700	20.110	16.170	12.830	10.060	7.800	6.030
	75	43.470	35.820	29.160	23.450	18.600	14.590	11.310	8.740
	35	18.800	15.480	12.590	10.090	7.980	6.220	4.800	3.690
	40	26.110	21.500	17.480	14.010	11.080	8.640	6.660	5.120
	75	37.860	31.180	25.350	20.310	16.070	12.530	9.660	7.420
	35	16.700	13.560	10.940	8.780	6.980	5.470	4.160	2.970
	50	23.200	18.830	15.200	12.190	9.700	7.600	5.780	4.130
	75	33.640	27.300	22.040	17.680	14.070	11.020	8.380	5.990
	35	14.410	11.730	9.470	7.580	6.000	4.650	3.470	2.390
	60	20.020	16.290	13.150	10.530	8.330	6.460	4.820	3.320
	75	29.030	23.620	19.070	15.270	12.080	9.370	6.990	4.810
	35	12.290	10.020	8.070	6.410	5.000	3.820	2.820	1.970
	70	17.070	13.920	11.210	8.900	6.950	5.310	3.920	2.740
	75	24.750	20.180	16.250	12.910	10.080	7.700	5.680	3.970

R134a 35-75Hz Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]	to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]							
		10	5	0	-5	-10	-15	-20	-25
40 L-DLRB-7.5	30	35			13.10	10.400	8.140	6.300	4.850
		50			18.210	14.440	11.300	8.750	6.740
		75			26.400	20.940	16.390	12.690	9.770
	40	35			11.390	8.990	7.000	5.390	4.130
		50			15.820	12.490	9.720	7.480	5.730
		75			22.940	18.110	14.090	10.850	8.310
	50	35			9.930	7.910	6.190	4.710	3.360
		50			13.790	10.980	8.600	6.540	4.670
		75			20.000	15.920	12.470	9.480	6.770
	40 L-DLRB-13	35	24.300	20.030	16.310	13.110	10.400	8.140	6.300
		50	33.750	27.820	22.650	18.210	14.440	11.300	8.750
		75	48.940	40.340	32.840	26.400	20.940	16.390	12.690
		35	21.180	17.450	14.200	11.390	8.990	7.000	5.390
		50	29.410	24.240	19.720	15.820	12.490	9.720	7.480
		75	42.640	35.150	28.590	22.940	18.110	14.090	10.850
		35	21.740	17.690	14.310	11.490	9.150	7.170	5.450
		50	26.090	21.220	17.160	13.790	10.980	8.600	6.540
		75	37.830	30.770	24.880	20.000	15.920	12.470	9.480
		35	16.210	13.210	10.690	8.580	6.790	5.260	3.920
		50	22.520	18.350	14.850	11.910	9.430	7.310	5.450
		75	32.650	26.610	21.530	17.270	13.670	10.600	7.900
46 L-DLRB-10	30	35			15.330	12.160	9.500	7.340	5.640
		50			21.290	16.890	13.200	10.190	7.830
		75			30.870	24.490	19.140	14.780	11.350
	40	35			13.180	10.420	8.110	6.240	4.780
		50			18.310	14.470	11.260	8.660	6.640
		75			26.550	20.980	16.330	12.560	9.630
	50	35			11.490	9.150	7.170	5.450	3.890
		50			15.960	12.710	9.960	7.570	5.400
		75			23.140	18.430	14.440	10.980	7.830
	46 L-DLRB-13	35	28.180	23.310	19.040	15.330	12.160	9.500	7.340
		50	39.140	32.370	26.440	21.290	16.890	13.200	10.190
		75	56.750	46.940	38.340	30.870	24.490	19.140	14.780
		35	24.510	20.210	16.440	13.180	10.420	8.110	6.240
		50	34.040	28.070	22.830	18.310	14.470	11.260	8.660
		75	49.360	40.700	33.100	26.550	20.980	16.330	12.560
		35	21.740	17.690	14.310	11.490	9.150	7.170	5.450
		50	30.200	24.570	19.870	15.960	12.710	9.960	7.570
		75	43.790	35.630	28.810	23.140	18.430	14.440	10.980
		35	18.770	15.300	12.380	9.920	7.860	6.090	4.540
		50	26.070	21.250	17.190	13.780	10.910	8.460	6.310
		75	37.800	30.810	24.930	19.980	15.820	12.270	9.150
46 L-DLRB-13	30	35			8.400	6.560	5.010	3.690	2.580
		50			11.660	9.110	6.960	5.130	3.580
		75			16.910	13.210	10.090	7.440	5.190
	40	35			8.400	6.560	5.010	3.690	2.580
		50			11.660	9.110	6.960	5.130	3.580
		75			16.910	13.210	10.090	7.440	5.190
	50	35			8.400	6.560	5.010	3.690	2.580
		50			11.660	9.110	6.960	5.130	3.580
		75			16.910	13.210	10.090	7.440	5.190
	60	35			8.400	6.560	5.010	3.690	2.580
		50			11.660	9.110	6.960	5.130	3.580
		75			16.910	13.210	10.090	7.440	5.190
	70	35			8.400	6.560	5.010	3.690	2.580
		50			11.660	9.110	6.960	5.130	3.580
		75			16.910	13.210	10.090	7.440	5.190

Legende | Legend

Kursiv

Eingeschränkte Sauggasttemperatur erforderlich | Limited suction gas temperature required

Werte bezogen auf 25°C Sauggasttemperatur, ohne Flüssigkeitsunterkühlung

Performance data related to 25°C suction gas temperature, without subcooling

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

15-75Hz R134a

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]							
			10	5	0	-5	-10	-15	-20	-25
14PI-DLRB-3	30	15				2.360	1.880	1.480	1.150	890
		35				4.800	3.830	3.020	2.350	1820
		50				6.670	5.320	4.190	3.260	2.530
		75				9.670	7.710	6.080	4.730	3.670
	40	15				2.040	1.620	1.270	980	760
		35				4.150	3.290	2.580	2.000	1550
		50				10.720	8.820	7.180	5.770	4.570
		75				8.370	6.630	5.190	4.030	3.120
	50	15				1.770	1.410	1.110	850	610
		35				3.600	2.870	2.270	1.740	1.250
		50				5.000	3.990	3.150	2.410	1.740
		75				7.250	5.790	4.570	3.490	2.520
14PI-DLRB-3.5	30	15	4.330	3.580	2.920	2.360	1.880	1.480	1.150	890
		35	8.830	7.290	5.950	4.800	3.830	3.020	2.350	1820
		50	12.260	10.120	8.270	6.670	5.320	4.190	3.260	2.530
		75	17.780	14.670	11.990	9.670	7.710	6.080	4.730	3.670
	40	15	3.790	3.120	2.540	2.040	1.620	1.270	980	760
		35	7.720	6.350	5.170	4.150	3.290	2.580	2.000	1550
		50	10.720	8.820	7.180	5.770	4.570	3.580	2.780	2.150
		75	15.540	12.790	10.410	8.370	6.630	5.190	4.030	3.120
	50	15	3.340	2.710	2.190	1.770	1.410	1.110	850	610
		35	6.800	5.530	4.470	3.600	2.870	2.270	1.740	1.250
		50	9.450	7.680	6.210	5.000	3.990	3.150	2.410	1.740
		75	13.700	11.140	9.000	7.250	5.790	4.570	3.490	2.520
	60	15	2.880	2.350	1.900	1.520	1.210	940	710	490
		35	5.880	4.780	3.870	3.100	2.470	1.920	1.450	1.010
		50	8.160	6.640	5.370	4.310	3.430	2.670	2.010	1.400
		75	11.830	9.630	7.790	6.250	4.970	3.870	2.910	2.030
	70	15	2.460	2.000	1.620	1.290	1.010	780	580	410
		35	5.010	4.080	3.300	2.630	2.060	1.580	1.170	830
		50	6.960	5.670	4.580	3.650	2.860	2.200	1.630	1.150
		75	10.090	8.220	6.640	5.290	4.150	3.190	2.360	1.670
19PI-DLRB-3.5	30	15				3.190	2.550	2.010	1.570	1.230
		35				6.510	5.190	4.100	3.200	2.500
		50				9.040	7.210	5.690	4.450	3.470
		75				13.110	10.450	8.250	6.450	5.030
	40	15				2.790	2.210	1.730	1.350	1.040
		35				5.680	4.510	3.530	2.740	2.120
		50				7.890	6.260	4.900	3.810	2.950
		75				11.440	9.080	7.110	5.520	4.280
	50	15				2.440	1.950	1.530	1.170	850
		35				4.970	3.970	3.120	2.390	1.730
		50				6.900	5.510	4.340	3.320	2.400
		75				10.010	7.990	6.290	4.810	3.480
19PI-DLRB-6	30	15	5.880	4.850	3.960	3.190	2.550	2.010	1.570	1.230
		35	11.970	9.890	8.060	6.510	5.190	4.100	3.200	2.500
		50	16.630	13.730	11.200	9.040	7.210	5.690	4.450	3.470
		75	24.110	19.910	16.240	13.110	10.450	8.250	6.450	5.030
	40	15	5.200	4.280	3.470	2.790	2.210	1.730	1.350	1.040
		35	10.590	8.710	7.080	5.680	4.510	3.530	2.740	2.120
		50	14.710	12.100	9.830	7.890	6.260	4.900	3.810	2.950
		75	21.330	17.550	14.250	11.440	9.080	7.110	5.520	4.280
	50	15	4.610	3.750	3.030	2.440	1.950	1.530	1.170	850
		35	9.390	7.630	6.170	4.970	3.970	3.120	2.390	1.730
		50	13.040	10.600	8.570	6.900	5.510	4.340	3.320	2.400
		75	18.910	15.370	12.430	10.010	7.990	6.290	4.810	3.480
	60	15	3.980	3.240	2.620	2.110	1.670	1.300	980	680
		35	8.100	6.600	5.340	4.290	3.410	2.660	1.990	1.390
		50	11.250	9.160	7.410	5.960	4.730	3.690	2.770	1.930
		75	16.310	13.280	10.740	8.640	6.860	5.350	4.020	2.800
	70	15	3.390	2.770	2.230	1.780	1.400	1.070	800	560
		35	6.900	5.640	4.550	3.630	2.840	2.180	1.620	1.140
		50	9.590	7.830	6.320	5.040	3.950	3.030	2.250	1.590
		75	13.910	11.350	9.160	7.310	5.730	4.390	3.260	2.310
24PI-DLRB-5.4	30	15				3.880	3.100	2.450	1.920	1.510
		35				7.910	6.310	4.980	3.920	3.080
		50				10.980	8.760	6.920	5.440	4.280
		75				15.920	12.700	10.030	7.890	6.210
	40	15				3.390	2.690	2.120	1.650	1.280
		35				6.900	5.490	4.320	3.370	2.610
		50				9.580	7.620	6.000	4.680	3.630
		75				13.890	11.050	8.700	6.790	5.260
	50	15				2.970	2.370	1.880	1.440	1.040
		35				6.050	4.840	3.820	2.940	2.120
		50				8.400	6.720	5.310	4.080	2.950
		75				12.180	9.740	7.700	5.920	4.280

R134a 15-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]							
			10	5	0	-5	-10	-15	-20	-25
24PI-DLRB-6	30	15	7.120	5.880	4.810	3.880	3.100	2.450	1.920	1.510
		35	14.510	11.990	9.790	7.910	6.310	4.980	3.920	3.080
		50	20.150	16.650	13.600	10.980	8.760	6.920	5.440	4.280
		75	29.220	24.140	19.720	15.920	12.700	10.030	7.890	6.210
	40	15	6.310	5.180	4.210	3.390	2.690	2.120	1.650	1.280
		35	12.860	10.560	8.580	6.900	5.490	4.320	3.370	2.610
		50	17.860	14.660	11.920	9.580	7.620	6.000	4.680	3.630
		75	25.900	21.260	17.280	13.890	11.050	8.700	6.790	5.260
	50	15	5.640	4.570	3.690	2.970	2.370	1.880	1.440	1.040
		35	11.480	9.310	7.520	6.050	4.840	3.820	2.940	2.120
		50	15.950	12.930	10.440	8.400	6.720	5.310	4.080	2.950
		75	23.130	18.750	15.140	12.180	9.740	7.700	5.920	4.280
	60	15	4.870	3.950	3.190	2.570	2.040	1.590	1.200	840
		35	9.910	8.050	6.510	5.230	4.150	3.250	2.450	1.710
		50	13.770	11.180	9.040	7.260	5.770	4.510	3.400	2.370
		75	19.970	16.210	13.110	10.530	8.370	6.540	4.930	3.440
	70	15	4.160	3.380	2.720	2.170	1.700	1.310	980	690
		35	8.450	6.880	5.540	4.410	3.470	2.670	1.990	1.400
		50	11.740	9.560	7.700	6.130	4.820	3.710	2.770	1.950
		75	17.020	13.860	11.170	8.890	6.990	5.380	4.020	2.830
30PI-DLRB-7.5	30	15				4.890	3.880	3.040	2.360	1.820
		35				9.960	7.910	6.200	4.810	3.720
		50				13.840	10.990	8.610	6.680	5.160
		75				20.070	15.940	12.480	9.690	7.480
	40	15				4.190	3.300	2.570	1.980	1.520
		35				8.550	6.730	5.230	4.030	3.100
		50				11.870	9.350	7.270	5.600	4.300
		75				17.210	13.560	10.540	8.120	6.240
	50	15				3.600	2.850	2.230	1.690	1.200
		35				7.340	5.810	4.540	3.430	2.440
		50				10.190	8.070	6.300	4.770	3.390
		75				14.780	11.700	9.140	6.920	4.920
30PI-DLRB-10	30	15	9.070	7.470	6.090	4.890	3.880	3.040	2.360	1.820
		35	18.480	15.230	12.400	9.960	7.910	6.200	4.810	3.720
		50	25.670	21.150	17.220	13.840	10.990	8.610	6.680	5.160
		75	37.220	30.670	24.970	20.070	15.940	12.480	9.690	7.480
	40	15	7.920	6.490	5.250	4.190	3.300	2.570	1.980	1.520
		35	16.130	13.220	10.700	8.550	6.730	5.230	4.030	3.100
		50	22.400	18.360	14.860	11.870	9.350	7.270	5.600	4.300
		75	32.480	26.620	21.550	17.210	13.560	10.540	8.120	6.240
	50	15	6.970	5.620	4.510	3.600	2.850	2.230	1.690	1.200
		35	14.200	11.460	9.190	7.340	5.810	4.540	3.430	2.440
		50	19.720	15.910	12.770	10.190	8.070	6.300	4.770	3.390
		75	28.590	23.070	18.520	14.780	11.700	9.140	6.920	4.920
	60	15	6.010	4.860	3.910	3.110	2.450	1.890	1.410	960
		35	12.250	9.910	7.960	6.340	4.990	3.850	2.870	1.970
		50	17.020	13.760	11.050	8.800	6.930	5.350	3.980	2.730
		75	24.680	19.950	16.020	12.760	10.050	7.760	5.770	3.960
	70	15	5.130	4.160	3.330	2.630	2.040	1.550	1.150	800
		35	10.450	8.470	6.780	5.360	4.160	3.170	2.330	1.620
		50	14.510	11.760	9.420	7.440	5.780	4.400	3.240	2.250
		75	21.040	17.050	13.660	10.790	8.380	6.380	4.700	3.260
35PI-DLRB-7.5	30	15				5.710	4.530	3.560	2.760	2.130
		35				11.640	9.240	7.240	5.620	4.340
		50				16.170	12.830	10.060	7.800	6.030
		75				23.450	18.600	14.590	11.310	8.740
	40	15				4.950	3.920	3.050	2.350	1.810
		35				10.090	7.980	6.220	4.800	3.690
		50				14.010	11.080	8.640	6.660	5.120
		75				20.310	16.070	12.530	9.660	7.420
	50	15				4.310	3.430	2.690	2.040	1.460
		35				8.780	6.980	5.470	4.160	2.970
		50				12.190	9.700	7.600	5.780	4.130
		75				17.680	14.070	11.020	8.380	5.990
35PI-DLRB-10	30	15	10.590	8.730	7.110	5.710	4.530	3.560	2.760	2.130
		35	21.590	17.780	14.480	11.640	9.240	7.240	5.620	4.340
		50	29.980	24.700	20.110	16.170	12.830	10.060	7.800	6.030
		75	43.470	35.820	29.160	23.450	18.600	14.590	11.310	8.740
	40	15	9.230	7.600	6.180	4.950	3.920	3.050	2.350	1.810
		35	18.800	15.480	12.590	10.090	7.980	6.220	4.800	3.690
		50	26.110	21.500	17.480	14.010	11.080	8.640	6.660	5.120
		75	37.860	31.180	25.350	20.310	16.070	12.530	9.660	7.420
	50	15	8.200	6.650	5.370	4.310	3.430	2.690	2.040	1.460
		35	16.700	13.560	10.940	8.780	6.980	5.470	4.160	2.970
		50	23.200	18.830	15.200	12.190	9.700	7.600	5.780	4.130
		75	33.640	27.300	22.040	17.680	14.070	11.020	8.380	5.990
	60	15	7.080	5.760	4.650	3.720	2.940	2.280	1.700	1.170
		35	14.410	11.730	9.470	7.580	6.000	4.650	3.470	2.390
		50	20.020	16.290	13.150	10.530	8.330	6.460	4.820	3.320
		75	29.030	23.620	19.070	15.270	12.080	9.370	6.990	4.810
	70	15	6.030	4.920	3.960	3.150	2.460	1.880	1.390	970
		35	12.290	10.020	8.070	6.410	5.000	3.820	2.820	1.970
		50	17.070	13.920	11.210	8.900	6.950	5.310	3.920	2.740
		75	24.750	20.180	16.250	12.910	10.080	7.700	5.680	3.970

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

R134a 15-75Hz

Type	tc [°C]	to	Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]							
			10	5	0	-5	-10	-15	-20	-25
40PI-DLRB-7.5	30	15				6.440	5.100	3.990	3.090	2.380
		35				11.390	8.990	7.000	5.390	4.130
		50				18.210	14.440	11.300	8.750	6.740
		75				26.400	20.940	16.390	12.690	9.770
	40	15				5.590	4.410	3.440	2.640	2.020
		35				11.390	8.990	7.000	5.390	4.130
		50				15.820	12.490	9.720	7.480	5.730
		75				22.940	18.110	14.090	10.850	8.310
	50	15				4.870	3.880	3.040	2.310	1.650
		35				9.930	7.910	6.190	4.710	3.360
		50				13.790	10.980	8.600	6.540	4.670
		75				20.000	15.920	12.470	9.480	6.770
40PI-DLRB-13	30	15	11.930	9.830	8.000	6.440	5.100	3.990	3.090	2.380
		35	24.300	20.030	16.310	13.110	10.400	8.140	6.300	4.850
		50	33.750	27.820	22.650	18.210	14.440	11.300	8.750	6.740
		75	48.940	40.340	32.840	26.400	20.940	16.390	12.690	9.770
	40	15	10.390	8.570	6.970	5.590	4.410	3.440	2.640	2.020
		35	21.180	17.450	14.200	11.390	8.990	7.000	5.390	4.130
		50	29.410	24.240	19.720	15.820	12.490	9.720	7.480	5.730
		75	42.640	35.150	28.590	22.940	18.110	14.090	10.850	8.310
	50	15	9.220	7.500	6.060	4.870	3.880	3.040	2.310	1.650
		35	21.740	17.690	14.310	11.490	9.150	7.170	5.450	3.890
		50	26.090	21.220	17.160	13.790	10.980	8.600	6.540	4.670
		75	37.830	30.770	24.880	20.000	15.920	12.470	9.480	6.770
	60	15	7.960	6.480	5.250	4.210	3.330	2.580	1.930	1.330
		35	16.210	13.210	10.690	8.580	6.790	5.260	3.920	2.700
		50	22.520	18.350	14.850	11.910	9.430	7.310	5.450	3.750
		75	32.650	26.610	21.530	17.270	13.670	10.600	7.900	5.440
	70	15	6.790	5.540	4.470	3.560	2.780	2.120	1.570	1.090
		35	13.820	11.290	9.120	7.250	5.670	4.330	3.190	2.230
		50	19.200	15.680	12.660	10.070	7.870	6.010	4.430	3.095
		75	27.840	22.740	18.360	14.600	11.410	8.710	6.420	4.490
46PI-DLRB-10	30	15				7.520	5.970	4.660	3.600	2.770
		35				15.330	12.160	9.500	7.340	5.640
		50				21.290	16.890	13.200	10.190	7.830
		75				30.870	24.490	19.140	14.780	11.350
	40	15				6.470	5.110	3.980	3.060	2.350
		35				13.180	10.420	8.110	6.240	4.780
		50				18.310	14.470	11.260	8.660	6.640
		75				26.550	20.980	16.330	12.560	9.630
	50	15				5.640	4.490	3.520	2.680	1.910
		35				11.490	9.150	7.170	5.450	3.890
		50				15.960	12.710	9.960	7.570	5.400
		75				23.140	18.430	14.440	10.980	7.830
46PI-DLRB-13	30	15	13.830	11.440	9.340	7.520	5.970	4.660	3.600	2.770
		35	28.180	23.310	19.040	15.330	12.160	9.500	7.340	5.640
		50	39.140	32.370	26.440	21.290	16.890	13.200	10.190	7.830
		75	56.750	46.940	38.340	30.870	24.490	19.140	14.780	11.350
	40	15	12.030	9.920	8.070	6.470	5.110	3.980	3.060	2.350
		35	24.510	20.210	16.440	13.180	10.420	8.110	6.240	4.780
		50	34.040	28.070	22.830	18.310	14.470	11.260	8.660	6.640
		75	49.360	40.700	33.100	26.550	20.980	16.330	12.560	9.630
	50	15	10.670	8.680	7.020	5.640	4.490	3.520	2.680	1.910
		35	21.740	17.690	14.310	11.490	9.150	7.170	5.450	3.890
		50	30.200	24.570	19.870	15.960	12.710	9.960	7.570	5.400
		75	43.790	35.630	28.810	23.140	18.430	14.440	10.980	7.830
	60	15	9.210	7.510	6.070	4.870	3.860	2.990	2.230	1.530
		35	18.770	15.300	12.380	9.920	7.860	6.090	4.540	3.120
		50	26.070	21.250	17.190	13.780	10.910	8.460	6.310	4.340
		75	37.800	30.810	24.930	19.980	15.820	12.270	9.150	6.290
	70	15	7.860	6.420	5.180	4.120	3.220	2.460	1.810	1.270
		35	16.010	13.080	10.550	8.400	6.560	5.010	3.690	2.580
		50	22.230	18.160	14.650	11.660	9.110	6.960	5.130	3.580
		75	32.230	26.330	21.240	16.910	13.210	10.090	7.440	5.190

Legende | Legend

Kursiv

Eingeschränkte Sauggasttemperatur erforderlich | Limited suction gas temperature required

Werte bezogen auf 25°C Sauggasttemperatur, ohne Flüssigkeitsunterkühlung
 Performance data related to 25°C suction gas temperature, without subcooling

R404A 35-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
7-DLRB-1.5	30	35						2.120	1660	1280	980	730	530
		50						2.940	2.310	1780	1360	1010	730
		75						4.260	3.350	2.580	1970	1460	1060
	40	35						1.760	1.370	1040	780	570	400
		50						2.450	1900	1450	1080	790	560
		75						3.550	2.760	2.100	1570	1150	810
	50	35						1.380	1060	780	570	400	270
		50						1.920	1470	1090	790	550	370
		75						2.780	2.130	1580	1150	800	540
7-DLRB-2.2	30	35			3.990	3.270	2.650	2.120	1660	1280	980	730	530
		50			5.540	4.540	3.680	2.940	2.310	1780	1360	1010	730
		75			8.030	6.580	5.340	4.260	3.350	2.580	1970	1460	1060
	40	35			3.380	2.770	2.230	1.760	1.370	1040	780	570	400
		50			4.700	3.850	3.100	2.450	1900	1450	1080	790	560
		75			6.820	5.580	4.500	3.550	2.760	2.100	1570	1150	810
	50	35			2.740	2.210	1.760	1.380	1060	780	570	400	270
		50			3.800	3.070	2.450	1.920	1470	1090	790	550	370
		75			5.510	4.450	3.550	2.780	2.130	1580	1150	800	540
7-DLRB-2.2	30	35	5.570	4.740	3.990	3.270	2.650	2.120	1660	1280	980	730	530
		50	7.740	6.580	5.540	4.540	3.680	2.940	2.310	1780	1360	1010	730
		75	11.220	9.540	8.030	6.580	5.340	4.260	3.350	2.580	1970	1460	1060
	40	35	4.770	4.030	3.380	2.770	2.230	1.760	1.370	1040	780	570	400
		50	6.620	5.600	4.700	3.850	3.100	2.450	1900	1450	1080	790	560
		75	9.600	8.120	6.820	5.580	4.500	3.550	2.760	2.100	1570	1150	810
	50	35	3.880	3.270	2.740	2.210	1.760	1.380	1060	780	570	400	270
		50	5.390	4.540	3.800	3.070	2.450	1.920	1470	1090	790	550	370
		75	7.820	6.580	5.510	4.450	3.550	2.780	2.130	1580	1150	800	540
10-DLRB-2.2	30	35						2.890	2.270	1.750	1.340	990	720
		50						4.020	3.150	2.430	1.860	1.380	1.000
		75						5.830	4.570	3.520	2.700	2.000	1.450
	40	35						2.400	1.860	1.430	1.070	780	550
		50						3.340	2.590	1.980	1.480	1.080	760
		75						4.840	3.760	2.870	2.150	1.570	1.100
	50	35						1.890	1.450	1.070	780	540	360
		50						2.620	2.010	1.490	1.080	750	500
		75						3.800	2.910	2.160	1.570	1.090	730
10-DLRB-3	30	35			5.440	4.460	3.610	2.890	2.270	1.750	1.340	990	720
		50			7.560	6.200	5.020	4.020	3.150	2.430	1.860	1.380	1.000
		75			10.960	8.990	7.280	5.830	4.570	3.520	2.700	2.000	1.450
	40	35			4.620	3.790	3.050	2.400	1.860	1.430	1.070	780	550
		50			6.420	5.260	4.230	3.340	2.590	1.980	1.480	1.080	760
		75			9.310	7.630	6.130	4.840	3.760	2.870	2.150	1.570	1.100
	50	35			3.730	3.020	2.410	1.890	1.450	1.070	780	540	360
		50			5.180	4.190	3.350	2.620	2.010	1.490	1.080	750	500
		75			7.510	6.080	4.860	3.800	2.910	2.160	1.570	1.090	730
10-DLRB-3.5	30	35	7.600	6.450	5.440	4.460	3.610	2.890	2.270	1.750	1.340	990	720
		50	10.550	8.960	7.560	6.200	5.020	4.020	3.150	2.430	1.860	1.380	1.000
		75	15.300	12.990	10.960	8.990	7.280	5.830	4.570	3.520	2.700	2.000	1.450
	40	35	6.500	5.520	4.620	3.790	3.050	2.400	1.860	1.430	1.070	780	550
		50	9.030	7.660	6.420	5.260	4.230	3.340	2.590	1.980	1.480	1.080	760
		75	13.090	11.110	9.310	7.630	6.130	4.840	3.760	2.870	2.150	1.570	1.100
	50	35	5.290	4.460	3.730	3.020	2.410	1.890	1.450	1.070	780	540	360
		50	7.350	6.200	5.180	4.190	3.350	2.620	2.010	1.490	1.080	750	500
		75	10.660	8.990	7.510	6.080	4.860	3.800	2.910	2.160	1.570	1.090	730
14-DLRB-3	30	35						4.380	3.460	2.650	1.990	1.430	1.000
		50						6.090	4.800	3.680	2.760	1.980	1.390
		75						8.830	6.960	5.340	4.000	2.870	2.020
	40	35						3.670	2.860	2.170	1.600	1.120	750
		50						5.100	3.970	3.010	2.220	1.560	1.040
		75						7.400	5.760	4.360	3.220	2.260	1.510
	50	35						2.920	2.220	1.660	1.190	810	520
		50						4.050	3.090	2.300	1.650	1.120	720
		75						5.870	4.480	3.340	2.390	1.620	1.040
14-DLRB-3.5	30	35			8.090	6.690	5.460	4.380	3.460	2.650	1.990	1.430	1.000
		50			11.230	9.290	7.580	6.090	4.800	3.680	2.760	1.980	1.390
		75			16.280	13.470	10.990	8.830	6.960	5.340	4.000	2.870	2.020
	40	35			6.930	5.700	4.630	3.670	2.860	2.170	1.600	1.120	750
		50			9.620	7.920	6.430	5.100	3.970	3.010	2.220	1.560	1.040
		75			13.950	11.480	9.320	7.400	5.760	4.360	3.220	2.260	1.510
	50	35			5.620	4.610	3.700	2.920	2.220	1.660	1.190	810	520
		50			7.800	6.400	5.140	4.050	3.090	2.300	1.650	1.120	720
		75			11.310	9.280	7.450	5.870	4.480	3.340	2.390	1.620	1.040
14-DLRB-5	30	35	11.170	9.550	8.090	6.690	5.460	4.380	3.460	2.650	1.990	1.430	1.000
		50	15.520	13.270	11.230	9.290	7.580	6.090	4.800	3.680	2.760	1.980	1.390
		75	22.500	19.240	16.280	13.470	10.990	8.830	6.960	5.340	4.000	2.870	2.020
	40	35	9.670	8.220	6.930	5.700	4.630	3.670	2.860	2.170	1.600	1.120	750
		50	13.430	11.410	9.620	7.920	6.430	5.100	3.970	3.010	2.220	1.560	1.040
		75	19.470	16.540	13.950	11.480	9.320	7.400	5.760	4.360	3.220	2.260	1.510
	50	35	7.930	6.720	5.620	4.610	3.700	2.920	2.220	1.660	1.190	810	520
		50	11.010	9.330	7.800	6.400	5.140	4.050	3.090	2.300	1.650	1.120	720
		75	15.960	13.530	11.310	9.280	7.450	5.870	4.480	3.340	2.390	1.620	1.040

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

35-75Hz R404A

Type	tc [°C]		Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
19-DLRB-5	30	35						6.170	4.850	3.700	2.740	1.940	1.280
		50						8.570	6.730	5.140	3.810	2.690	1.780
		75						12.430	9.760	7.450	5.520	3.900	2.580
	40	35						5.160	4.020	3.030	2.200	1.510	990
		50						7.170	5.590	4.210	3.060	2.100	1.380
		75						10.400	8.110	6.100	4.440	3.050	2.000
	50	35						4.170	3.220	2.390	1.690	1.120	730
		50						5.790	4.470	3.320	2.350	1.560	1.020
		75						8.400	6.480	4.810	3.410	2.260	1.480
19-DLRB-6	30	35			11.380	9.420	7.690	6.170	4.850	3.700	2.740	1.940	1.280
		50			15.810	13.080	10.680	8.570	6.730	5.140	3.810	2.690	1.780
		75			22.920	18.970	15.490	12.430	9.760	7.450	5.520	3.900	2.580
	40	35			9.760	8.010	6.480	5.160	4.020	3.030	2.200	1.510	990
		50			13.550	11.120	9.000	7.170	5.590	4.210	3.060	2.100	1.380
		75			19.650	16.120	13.050	10.400	8.110	6.100	4.440	3.050	2.000
	50	35			8.060	6.570	5.270	4.170	3.220	2.390	1.690	1.120	730
		50			11.190	9.120	7.320	5.790	4.470	3.320	2.350	1.560	1.020
		75			16.230	13.220	10.610	8.400	6.480	4.810	3.410	2.260	1.480
19-DLRB-7.5	30	35	15.720	13.440	11.380	9.420	7.690	6.170	4.850	3.700	2.740	1.940	1.280
		50	21.830	18.660	15.810	13.080	10.680	8.570	6.730	5.140	3.810	2.690	1.780
		75	31.650	27.060	22.920	18.970	15.490	12.430	9.760	7.450	5.520	3.900	2.580
	40	35	13.580	11.570	9.760	8.010	6.480	5.160	4.020	3.030	2.200	1.510	990
		50	18.860	16.070	13.550	11.120	9.000	7.170	5.590	4.210	3.060	2.100	1.380
		75	27.350	23.300	19.650	16.120	13.050	10.400	8.110	6.100	4.440	3.050	2.000
	50	35	11.330	9.590	8.060	6.570	5.270	4.170	3.220	2.390	1.690	1.120	730
		50	15.730	13.320	11.190	9.120	7.320	5.790	4.470	3.320	2.350	1.560	1.020
		75	22.810	19.310	16.230	13.220	10.610	8.400	6.480	4.810	3.410	2.260	1.480
24-DLRB-5.4	30	35						7.620	5.980	4.570	3.380	2.390	1.580
		50						10.580	8.310	6.350	4.700	3.320	2.190
		75						15.340	12.050	9.210	6.820	4.810	3.180
	40	35						6.340	4.950	3.730	2.700	1.860	1.220
		50						8.810	6.870	5.180	3.750	2.590	1.700
		75						12.770	9.960	7.510	5.440	3.760	2.470
	50	35						5.090	3.930	2.920	2.070	1.380	900
		50						7.070	5.460	4.060	2.870	1.910	1.250
		75						10.250	7.920	5.890	4.160	2.770	1.810
24-DLRB-7.5	30	35			14.050	11.630	9.500	7.620	5.980	4.570	3.380	2.390	1.580
		50			19.520	16.150	13.190	10.580	8.310	6.350	4.700	3.320	2.190
		75			28.300	23.420	19.130	15.340	12.050	9.210	6.820	4.810	3.180
	40	35			11.980	9.840	7.960	6.340	4.950	3.730	2.700	1.860	1.220
		50			16.640	13.660	11.060	8.810	6.870	5.180	3.750	2.590	1.700
		75			24.130	19.810	16.040	12.770	9.960	7.510	5.440	3.760	2.470
	50	35			9.850	8.020	6.440	5.090	3.930	2.920	2.070	1.380	900
		50			13.680	11.140	8.950	7.070	5.460	4.060	2.870	1.910	1.250
		75			19.840	16.150	12.980	10.250	7.920	5.890	4.160	2.770	1.810
24-DLRB-10	30	35	19.410	16.590	14.050	11.630	9.500	7.620	5.980	4.570	3.380	2.390	1.580
		50	26.960	23.040	19.520	16.150	13.190	10.580	8.310	6.350	4.700	3.320	2.190
		75	39.090	33.410	28.300	23.420	19.130	15.340	12.050	9.210	6.820	4.810	3.180
	40	35	16.690	14.200	11.980	9.840	7.960	6.340	4.950	3.730	2.700	1.860	1.220
		50	23.180	19.720	16.640	13.660	11.060	8.810	6.870	5.180	3.750	2.590	1.700
		75	33.610	28.590	24.130	19.810	16.040	12.770	9.960	7.510	5.440	3.760	2.470
	50	35	13.830	11.740	9.850	8.020	6.440	5.090	3.930	2.920	2.070	1.380	900
		50	19.210	16.300	13.680	11.140	8.950	7.070	5.460	4.060	2.870	1.910	1.250
		75	27.850	23.640	19.840	16.150	12.980	10.250	7.920	5.890	4.160	2.770	1.810
30L-DLRB-7.5	30	35						9.550	7.510	5.750	4.280	3.080	2.140
		50						13.260	10.430	7.990	5.950	4.280	2.970
		75						19.230	15.120	11.590	8.630	6.210	4.310
	40	35						7.720	6.050	4.610	3.380	2.400	1.630
		50						10.720	8.400	6.400	4.700	3.340	2.270
		75						15.540	12.180	9.280	6.820	4.840	3.290
	50	35						6.060	4.640	3.460	2.470	1.700	1.100
		50						8.420	6.450	4.800	3.430	2.360	1.530
		75						12.210	9.350	6.960	4.970	3.420	2.220
30L-DLRB-10	30	35			17.660	14.590	11.910	9.550	7.510	5.750	4.280	3.080	2.140
		50			24.530	20.260	16.540	13.260	10.430	7.990	5.950	4.280	2.970
		75			35.570	29.380	23.980	19.230	15.120	11.590	8.630	6.210	4.310
	40	35			14.680	12.110	9.810	7.720	6.050	4.610	3.380	2.400	1.630
		50			20.390	16.820	13.630	10.720	8.400	6.400	4.700	3.340	2.270
		75			29.570	24.390	19.760	15.540	12.180	9.280	6.820	4.840	3.290
	50	35			11.760	9.640	7.730	6.060	4.640	3.460	2.470	1.700	1.100
		50			16.340	13.390	10.740	8.420	6.450	4.800	3.430	2.360	1.530
		75			23.690	19.420	15.570	12.210	9.350	6.960	4.970	3.420	2.220
30L-DLRB-13	30	35	24.450	20.880	17.660	14.590	11.910	9.550	7.510	5.750	4.280	3.080	2.140
		50	33.960	29.000	24.530	20.260	16.540	13.260	10.430	7.990	5.950	4.280	2.970
		75	49.240	42.050	35.570	29.380	23.980	19.230	15.120	11.590	8.630	6.210	4.310
	40	35	20.550	17.460	14.680	12.110	9.810	7.720	6.050	4.610	3.380	2.400	1.630
		50	28.540	24.250	20.390	16.820	13.630	10.720	8.400	6.400	4.700	3.340	2.270
		75	41.380	35.160	29.570	24.390	19.760	15.540	12.180	9.280	6.820	4.840	3.290
	50	35	16.640	14.080	11.760	9.640	7.730	6.060	4.640	3.460	2.470	1.700	1.100
		50	23.110	19.560	16.340	13.390	10.740	8.420	6.450	4.800	3.430	2.360	1.530
		75	33.510	28.360	23.690	19.420	15.570	12.210	9.350	6.960	4.970	3.420	2.220

R404A 35-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
35L-DLRB-7.5	30	35						10.930	8.600	6.590	4.950	3.600	2.520
		50						15.180	11.940	9.150	6.880	5.000	3.500
		75						22.010	17.310	13.270	9.980	7.250	5.080
	40	35						9.160	7.140	5.400	3.990	2.820	1.920
		50						12.720	9.910	7.500	5.540	3.910	2.660
		75						18.440	14.370	10.880	8.030	5.670	3.860
	50	35						7.330	5.640	4.200	3.030	2.080	1.350
		50						10.180	7.830	5.830	4.210	2.890	1.880
		75						14.760	11.350	8.450	6.100	4.190	2.730
35L-DLRB-10	30	35			20.200	16.700	13.640	10.930	8.600	6.590	4.950	3.600	2.520
		50			28.060	23.190	18.940	15.180	11.940	9.150	6.880	5.000	3.500
		75			40.690	33.630	27.460	22.010	17.310	13.270	9.980	7.250	5.080
	40	35			17.320	14.290	11.530	9.160	7.140	5.400	3.990	2.820	1.920
		50			24.050	19.850	16.020	12.720	9.910	7.500	5.540	3.910	2.660
		75			34.870	28.780	23.230	18.440	14.370	10.880	8.030	5.670	3.860
	50	35			14.080	11.530	9.300	7.330	5.640	4.200	3.030	2.080	1.350
		50			19.560	16.020	12.920	10.180	7.830	5.830	4.210	2.890	1.880
		75			28.360	23.230	18.730	14.760	11.350	8.450	6.100	4.190	2.730
35L-DLRB-13	30	35	28.000	23.900	20.200	16.700	13.640	10.930	8.600	6.590	4.950	3.600	2.520
		50	38.890	33.190	28.060	23.190	18.940	15.180	11.940	9.150	6.880	5.000	3.500
		75	56.390	48.130	40.690	33.630	27.460	22.010	17.310	13.270	9.980	7.250	5.080
	40	35	24.240	20.590	17.320	14.290	11.530	9.160	7.140	5.400	3.990	2.820	1.920
		50	33.660	28.600	24.050	19.850	16.020	12.720	9.910	7.500	5.540	3.910	2.660
		75	48.810	41.470	34.870	28.780	23.230	18.440	14.370	10.880	8.030	5.670	3.860
	50	35	19.840	16.800	14.080	11.530	9.300	7.330	5.640	4.200	3.030	2.080	1.350
		50	27.550	23.340	19.560	16.020	12.920	10.180	7.830	5.830	4.210	2.890	1.880
		75	39.950	33.840	28.360	23.230	18.730	14.760	11.350	8.450	6.100	4.190	2.730
40L-DLRB-10	30	35						12.900	10.180	7.840	5.910	4.260	2.950
		50						17.910	14.140	10.890	8.210	5.910	4.100
		75						25.970	20.500	15.790	11.900	8.570	5.950
	40	35						10.660	8.270	6.290	4.670	3.330	2.260
		50						14.800	11.480	8.740	6.480	4.620	3.140
		75						21.460	16.650	12.670	9.400	6.700	4.550
	50	35						8.450	6.500	4.860	3.480	2.380	1.550
		50						11.730	9.030	6.750	4.830	3.310	2.150
		75						17.010	13.090	9.790	7.000	4.800	3.120
40L-DLRB-13	30	35			23.670	19.640	16.060	12.900	10.180	7.840	5.910	4.260	2.950
		50			32.870	27.280	22.300	17.910	14.140	10.890	8.210	5.910	4.100
		75			47.660	39.560	32.340	25.970	20.500	15.790	11.900	8.570	5.950
	40	35			20.060	16.560	13.410	10.660	8.270	6.290	4.670	3.330	2.260
		50			27.860	23.000	18.630	14.800	11.480	8.740	6.480	4.620	3.140
		75			40.400	33.350	27.010	21.460	16.650	12.670	9.400	6.700	4.550
	50	35			16.270	13.330	10.710	8.450	6.500	4.860	3.480	2.380	1.550
		50			22.600	18.520	14.870	11.730	9.030	6.750	4.830	3.310	2.150
		75			32.770	26.850	21.560	17.010	13.090	9.790	7.000	4.800	3.120
46L-DLRB-13	30	35						12.900	10.180	7.840	5.910	4.260	3.280
		50						17.910	14.140	10.890	8.210	5.910	4.560
		75						25.970	20.500	15.790	11.900	8.570	6.610
	40	35						10.660	8.270	6.290	4.670	3.330	2.590
		50						14.800	11.480	8.740	6.480	4.620	3.600
		75						21.460	16.650	12.670	9.400	6.700	5.220
	50	35						8.450	6.500	4.860	3.480	2.380	1.810
		50						11.730	9.030	6.750	4.830	3.310	2.520
		75						17.010	13.090	9.790	7.000	4.800	3.650

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

15-75Hz R404A

Type	tc [°C]		Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
14PI-DLRB-3	30	15						2.150	1.700	1.300	980	700	490
		35						4.380	3.460	2.650	1.990	1.430	1.000
		50						6.090	4.800	3.680	2.760	1.980	1.390
		75						8.830	6.960	5.340	4.000	2.870	2.020
	40	15						1.800	1.400	1.060	780	550	370
		35						3.670	2.860	2.170	1.600	1.120	750
		50						5.100	3.970	3.010	2.220	1.560	1.040
		75						7.400	5.760	4.360	3.220	2.260	1.510
	50	15						1.430	1.090	810	580	400	250
		35						2.920	2.220	1.660	1.190	810	520
		50						4.050	3.090	2.300	1.650	1.120	720
		75						5.870	4.480	3.340	2.390	1.620	1.040
14PI-DLRB-3.5	30	15			3.970	3.280	2.680	2.150	1.700	1.300	980	700	490
		35			8.090	6.690	5.460	4.380	3.460	2.650	1.990	1.430	1.000
		50			11.230	9.290	7.580	6.090	4.800	3.680	2.760	1.980	1.390
		75			16.280	13.470	10.990	8.830	6.960	5.340	4.000	2.870	2.020
	40	15			3.400	2.800	2.270	1.800	1.400	1.060	780	550	370
		35			6.930	5.700	4.630	3.670	2.860	2.170	1.600	1.120	750
		50			9.620	7.920	6.430	5.100	3.970	3.010	2.220	1.560	1.040
		75			13.950	11.480	9.320	7.400	5.760	4.360	3.220	2.260	1.510
	50	15			2.760	2.260	1.820	1.430	1.090	810	580	400	250
		35			5.620	4.610	3.700	2.920	2.220	1.660	1.190	810	520
		50			7.800	6.400	5.140	4.050	3.090	2.300	1.650	1.120	720
		75			11.310	9.280	7.450	5.870	4.480	3.340	2.390	1.620	1.040
14PI-DLRB-5	30	15	5.480	4.690	3.970	3.280	2.680	2.150	1.700	1.300	980	700	490
		35	11.170	9.550	8.090	6.690	5.460	4.380	3.460	2.650	1.990	1.430	1.000
		50	15.520	13.270	11.230	9.290	7.580	6.090	4.800	3.680	2.760	1.980	1.390
		75	22.500	19.240	16.280	13.470	10.990	8.830	6.960	5.340	4.000	2.870	2.020
	40	15	4.750	4.030	3.400	2.800	2.270	1.800	1.400	1.060	780	550	370
		35	9.670	8.220	6.930	5.700	4.630	3.670	2.860	2.170	1.600	1.120	750
		50	13.430	11.410	9.620	7.920	6.430	5.100	3.970	3.010	2.220	1.560	1.040
		75	19.470	16.540	13.950	11.480	9.320	7.400	5.760	4.360	3.220	2.260	1.510
	50	15	3.890	3.300	2.760	2.260	1.820	1.430	1.090	810	580	400	250
		35	7.930	6.720	5.620	4.610	3.700	2.920	2.220	1.660	1.190	810	520
		50	11.010	9.330	7.800	6.400	5.140	4.050	3.090	2.300	1.650	1.120	720
		75	15.960	13.530	11.310	9.280	7.450	5.870	4.480	3.340	2.390	1.620	1.040
19PI-DLRB-5	30	15						3.030	2.380	1.820	1.350	950	630
		35						6.170	4.850	3.700	2.740	1.940	1.280
		50						8.570	6.730	5.140	3.810	2.690	1.780
		75						12.430	9.760	7.450	5.520	3.900	2.580
	40	15						2.530	1.980	1.490	1.080	740	490
		35						5.160	4.020	3.030	2.200	1.510	990
		50						7.170	5.590	4.210	3.060	2.100	1.380
		75						10.400	8.110	6.100	4.440	3.050	2.000
	50	15						2.050	1.580	1.170	830	550	360
		35						4.170	3.220	2.390	1.690	1.120	730
		50						5.790	4.470	3.320	2.350	1.560	1.020
		75						8.400	6.480	4.810	3.410	2.260	1.480
19PI-DLRB-6	30	15			5.590	4.620	3.770	3.030	2.380	1.820	1.350	950	630
		35			11.380	9.420	7.690	6.170	4.850	3.700	2.740	1.940	1.280
		50			15.810	13.080	10.680	8.570	6.730	5.140	3.810	2.690	1.780
		75			22.920	18.970	15.490	12.430	9.760	7.450	5.520	3.900	2.580
	40	15			4.790	3.930	3.180	2.530	1.980	1.490	1.080	740	490
		35			9.760	8.010	6.480	5.160	4.020	3.030	2.200	1.510	990
		50			13.550	11.120	9.000	7.170	5.590	4.210	3.060	2.100	1.380
		75			19.650	16.120	13.050	10.400	8.110	6.100	4.440	3.050	2.000
	50	15			3.950	3.220	2.590	2.050	1.580	1.170	830	550	360
		35			8.060	6.570	5.270	4.170	3.220	2.390	1.690	1.120	730
		50			11.190	9.120	7.320	5.790	4.470	3.320	2.350	1.560	1.020
		75			16.230	13.220	10.610	8.400	6.480	4.810	3.410	2.260	1.480
19PI-DLRB-7.5	30	15	7.710	6.590	5.590	4.620	3.770	3.030	2.380	1.820	1.350	950	630
		35	15.720	13.440	11.380	9.420	7.690	6.170	4.850	3.700	2.740	1.940	1.280
		50	21.830	18.660	15.810	13.080	10.680	8.570	6.730	5.140	3.810	2.690	1.780
		75	31.650	27.060	22.920	18.970	15.490	12.430	9.760	7.450	5.520	3.900	2.580
	40	15	6.670	5.680	4.790	3.930	3.180	2.530	1.980	1.490	1.080	740	490
		35	13.580	11.570	9.760	8.010	6.480	5.160	4.020	3.030	2.200	1.510	990
		50	18.860	16.070	13.550	11.120	9.000	7.170	5.590	4.210	3.060	2.100	1.380
		75	27.350	23.300	19.650	16.120	13.050	10.400	8.110	6.100	4.440	3.050	2.000
	50	15	5.560	4.710	3.950	3.220	2.590	2.050	1.580	1.170	830	550	360
		35	11.330	9.590	8.060	6.570	5.270	4.170	3.220	2.390	1.690	1.120	730
		50	15.730	13.320	11.190	9.120	7.320	5.790	4.470	3.320	2.350	1.560	1.020
		75	22.810	19.310	16.230	13.220	10.610	8.400	6.480	4.810	3.410	2.260	1.480

R404A 15-75Hz Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
24PI-DLRB-5.4	30	15						3.740	2.940	2.240	1.660	1.170	770
		35						7.620	5.980	4.570	3.380	2.390	1.580
		50						10.580	8.310	6.350	4.700	3.320	2.190
		75						15.340	12.050	9.210	6.820	4.810	3.180
	40	15						3.110	2.430	1.830	1.330	920	600
		35						6.340	4.950	3.730	2.700	1.860	1.220
		50						8.810	6.870	5.180	3.750	2.590	1.700
		75						12.770	9.960	7.510	5.440	3.760	2.470
	50	15						2.500	1.930	1.430	1.010	670	440
		35						5.090	3.930	2.920	2.070	1.380	900
		50						7.070	5.460	4.060	2.870	1.910	1.250
		75						10.250	7.920	5.890	4.160	2.770	1.810
24PI-DLRB-7.5	30	15			6.900	5.710	4.660	3.740	2.940	2.240	1.660	1.170	770
		35			14.050	11.630	9.500	7.620	5.980	4.570	3.380	2.390	1.580
		50			19.520	16.150	13.190	10.580	8.310	6.350	4.700	3.320	2.190
		75			28.300	23.420	19.130	15.340	12.050	9.210	6.820	4.810	3.180
	40	15			5.880	4.830	3.910	3.110	2.430	1.830	1.330	920	600
		35			11.980	9.840	7.960	6.340	4.950	3.730	2.700	1.860	1.220
		50			16.640	13.660	11.060	8.810	6.870	5.180	3.750	2.590	1.700
		75			24.130	19.810	16.040	12.770	9.960	7.510	5.440	3.760	2.470
	50	15			4.830	3.940	3.160	2.500	1.930	1.430	1.010	670	440
		35			9.850	8.020	6.440	5.090	3.930	2.920	2.070	1.380	900
		50			13.680	11.140	8.950	7.070	5.460	4.060	2.870	1.910	1.250
		75			19.840	16.150	12.980	10.250	7.920	5.890	4.160	2.770	1.810
24PI-DLRB-10	30	15	9.530	8.140	6.900	5.710	4.660	3.740	2.940	2.240	1.660	1.170	770
		35	19.410	16.590	14.050	11.630	9.500	7.620	5.980	4.570	3.380	2.390	1.580
		50	26.960	23.040	19.520	16.150	13.190	10.580	8.310	6.350	4.700	3.320	2.190
		75	39.090	33.410	28.300	23.420	19.130	15.340	12.050	9.210	6.820	4.810	3.180
	40	15	8.190	6.970	5.880	4.830	3.910	3.110	2.430	1.830	1.330	920	600
		35	16.690	14.200	11.980	9.840	7.960	6.340	4.950	3.730	2.700	1.860	1.220
		50	23.180	19.720	16.640	13.660	11.060	8.810	6.870	5.180	3.750	2.590	1.700
		75	33.610	28.590	24.130	19.810	16.040	12.770	9.960	7.510	5.440	3.760	2.470
	50	15	6.790	5.760	4.830	3.940	3.160	2.500	1.930	1.430	1.010	670	440
		35	13.830	11.740	9.850	8.020	6.440	5.090	3.930	2.920	2.070	1.380	900
		50	19.210	16.300	13.680	11.140	8.950	7.070	5.460	4.060	2.870	1.910	1.250
		75	27.850	23.640	19.840	16.150	12.980	10.250	7.920	5.890	4.160	2.770	1.810
30PI-DLRB-7.5	30	15						4.690	3.690	2.820	2.100	1.510	1.050
		35						9.550	7.510	5.750	4.280	3.080	2.140
		50						13.260	10.430	7.990	5.950	4.280	2.970
		75						19.230	15.120	11.590	8.630	6.210	4.310
	40	15						3.790	2.970	2.260	1.660	1.180	800
		35						7.720	6.050	4.610	3.380	2.400	1.630
		50						10.720	8.400	6.400	4.700	3.340	2.270
		75						15.540	12.180	9.280	6.820	4.840	3.290
	50	15						2.980	2.280	1.700	1.210	830	540
		35						6.060	4.640	3.460	2.470	1.700	1.100
		50						8.420	6.450	4.800	3.430	2.360	1.530
		75						12.210	9.350	6.960	4.970	3.420	2.220
30PI-DLRB-10	30	15			8.670	7.160	5.850	4.690	3.690	2.820	2.100	1.510	1.050
		35			17.660	14.590	11.910	9.550	7.510	5.750	4.280	3.080	2.140
		50			24.530	20.260	16.540	13.260	10.430	7.990	5.950	4.280	2.970
		75			35.570	29.380	23.980	19.230	15.120	11.590	8.630	6.210	4.310
	40	15			7.210	5.940	4.820	3.790	2.970	2.260	1.660	1.180	800
		35			14.680	12.110	9.810	7.720	6.050	4.610	3.380	2.400	1.630
		50			20.390	16.820	13.630	10.720	8.400	6.400	4.700	3.340	2.270
		75			29.570	24.390	19.760	15.540	12.180	9.280	6.820	4.840	3.290
	50	15			5.770	4.730	3.800	2.980	2.280	1.700	1.210	830	540
		35			11.760	9.640	7.730	6.060	4.640	3.460	2.470	1.700	1.100
		50			16.340	13.390	10.740	8.420	6.450	4.800	3.430	2.360	1.530
		75			23.690	19.420	15.570	12.210	9.350	6.960	4.970	3.420	2.220
30PI-DLRB-13	30	15	12.000	10.250	8.670	7.160	5.850	4.690	3.690	2.820	2.100	1.510	1.050
		35	24.450	20.880	17.660	14.590	11.910	9.550	7.510	5.750	4.280	3.080	2.140
		50	33.960	29.000	24.530	20.260	16.540	13.260	10.430	7.990	5.950	4.280	2.970
		75	49.240	42.050	35.570	29.380	23.980	19.230	15.120	11.590	8.630	6.210	4.310
	40	15	10.090	8.570	7.210	5.940	4.820	3.790	2.970	2.260	1.660	1.180	800
		35	20.550	17.460	14.680	12.110	9.810	7.720	6.050	4.610	3.380	2.400	1.630
		50	28.540	24.250	20.390	16.820	13.630	10.720	8.400	6.400	4.700	3.340	2.270
		75	41.380	35.160	29.570	24.390	19.760	15.540	12.180	9.280	6.820	4.840	3.290
	50	15	8.170	6.910	5.770	4.730	3.800	2.980	2.280	1.700	1.210	830	540
		35	16.640	14.080	11.760	9.640	7.730	6.060	4.640	3.460	2.470	1.700	1.100
		50	23.110	19.560	16.340	13.390	10.740	8.420	6.450	4.800	3.430	2.360	1.530
		75	33.510	28.360	23.690	19.420	15.570	12.210	9.350	6.960	4.970	3.420	2.220

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

15-75Hz R404A

Type	tc [°C]		Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
24PI-DLRB-5.4	30	15						3.740	2.940	2.240	1.660	1.170	770
		35						7.620	5.980	4.570	3.380	2.390	1.580
		50						10.580	8.310	6.350	4.700	3.320	2.190
		75						15.340	12.050	9.210	6.820	4.810	3.180
	40	15						3.110	2.430	1.830	1.330	920	600
		35						6.340	4.950	3.730	2.700	1.860	1.220
		50						8.810	6.870	5.180	3.750	2.590	1.700
		75						12.770	9.960	7.510	5.440	3.760	2.470
	50	15						2.500	1.930	1.430	1.010	670	440
		35						5.090	3.930	2.920	2.070	1.380	900
		50						7.070	5.460	4.060	2.870	1.910	1.250
		75						10.250	7.920	5.890	4.160	2.770	1.810
24PI-DLRB-7.5	30	15			6.900	5.710	4.660	3.740	2.940	2.240	1.660	1.170	770
		35			14.050	11.630	9.500	7.620	5.980	4.570	3.380	2.390	1.580
		50			19.520	16.150	13.190	10.580	8.310	6.350	4.700	3.320	2.190
		75			28.300	23.420	19.130	15.340	12.050	9.210	6.820	4.810	3.180
	40	15			5.880	4.830	3.910	3.110	2.430	1.830	1.330	920	600
		35			11.980	9.840	7.960	6.340	4.950	3.730	2.700	1.860	1.220
		50			16.640	13.660	11.060	8.810	6.870	5.180	3.750	2.590	1.700
		75			24.130	19.810	16.040	12.770	9.960	7.510	5.440	3.760	2.470
	50	15			4.830	3.940	3.160	2.500	1.930	1.430	1.010	670	440
		35			9.850	8.020	6.440	5.090	3.930	2.920	2.070	1.380	900
		50			13.680	11.140	8.950	7.070	5.460	4.060	2.870	1.910	1.250
		75			19.840	16.150	12.980	10.250	7.920	5.890	4.160	2.770	1.810
24PI-DLRB-10	30	15	9.530	8.140	6.900	5.710	4.660	3.740	2.940	2.240	1.660	1.170	770
		35	19.410	16.590	14.050	11.630	9.500	7.620	5.980	4.570	3.380	2.390	1.580
		50	26.960	23.040	19.520	16.150	13.190	10.580	8.310	6.350	4.700	3.320	2.190
		75	39.090	33.410	28.300	23.420	19.130	15.340	12.050	9.210	6.820	4.810	3.180
	40	15	8.190	6.970	5.880	4.830	3.910	3.110	2.430	1.830	1.330	920	600
		35	16.690	14.200	11.980	9.840	7.960	6.340	4.950	3.730	2.700	1.860	1.220
		50	23.180	19.720	16.640	13.660	11.060	8.810	6.870	5.180	3.750	2.590	1.700
		75	33.610	28.590	24.130	19.810	16.040	12.770	9.960	7.510	5.440	3.760	2.470
	50	15	6.790	5.760	4.830	3.940	3.160	2.500	1.930	1.430	1.010	670	440
		35	13.830	11.740	9.850	8.020	6.440	5.090	3.930	2.920	2.070	1.380	900
		50	19.210	16.300	13.680	11.140	8.950	7.070	5.460	4.060	2.870	1.910	1.250
		75	27.850	23.640	19.840	16.150	12.980	10.250	7.920	5.890	4.160	2.770	1.810
30PI-DLRB-7.5	30	15						4.690	3.690	2.820	2.100	1.510	1.050
		35						9.550	7.510	5.750	4.280	3.080	2.140
		50						13.260	10.430	7.990	5.950	4.280	2.970
		75						19.230	15.120	11.590	8.630	6.210	4.310
	40	15						3.790	2.970	2.260	1.660	1.180	800
		35						7.720	6.050	4.610	3.380	2.400	1.630
		50						10.720	8.400	6.400	4.700	3.340	2.270
		75						15.540	12.180	9.280	6.820	4.840	3.290
	50	15						2.980	2.280	1.700	1.210	830	540
		35						6.060	4.640	3.460	2.470	1.700	1.100
		50						8.420	6.450	4.800	3.430	2.360	1.530
		75						12.210	9.350	6.960	4.970	3.420	2.220
30PI-DLRB-10	30	15			8.670	7.160	5.850	4.690	3.690	2.820	2.100	1.510	1.050
		35			17.660	14.590	11.910	9.550	7.510	5.750	4.280	3.080	2.140
		50			24.530	20.260	16.540	13.260	10.430	7.990	5.950	4.280	2.970
		75			35.570	29.380	23.980	19.230	15.120	11.590	8.630	6.210	4.310
	40	15			7.210	5.940	4.820	3.790	2.970	2.260	1.660	1.180	800
		35			14.680	12.110	9.810	7.720	6.050	4.610	3.380	2.400	1.630
		50			20.390	16.820	13.630	10.720	8.400	6.400	4.700	3.340	2.270
		75			29.570	24.390	19.760	15.540	12.180	9.280	6.820	4.840	3.290
	50	15			5.770	4.730	3.800	2.980	2.280	1.700	1.210	830	540
		35			11.760	9.640	7.730	6.060	4.640	3.460	2.470	1.700	1.100
		50			16.340	13.390	10.740	8.420	6.450	4.800	3.430	2.360	1.530
		75			23.690	19.420	15.570	12.210	9.350	6.960	4.970	3.420	2.220
30PI-DLRB-13	30	15	12.000	10.250	8.670	7.160	5.850	4.690	3.690	2.820	2.100	1.510	1.050
		35	24.450	20.880	17.660	14.590	11.910	9.550	7.510	5.750	4.280	3.080	2.140
		50	33.960	29.000	24.530	20.260	16.540	13.260	10.430	7.990	5.950	4.280	2.970
		75	49.240	42.050	35.570	29.380	23.980	19.230	15.120	11.590	8.630	6.210	4.310
	40	15	10.090	8.570	7.210	5.940	4.820	3.790	2.970	2.260	1.660	1.180	800
		35	20.550	17.460	14.680	12.110	9.810	7.720	6.050	4.610	3.380	2.400	1.630
		50	28.540	24.250	20.390	16.820	13.630	10.720	8.400	6.400	4.700	3.340	2.270
		75	41.380	35.160	29.570	24.390	19.760	15.540	12.180	9.280	6.820	4.840	3.290
	50	15	8.170	6.910	5.770	4.730	3.800	2.980	2.280	1.700	1.210	830	540
		35	16.640	14.080	11.760	9.640	7.730	6.060	4.640	3.460	2.470	1.700	1.100
		50	23.110	19.560	16.340	13.390	10.740	8.420	6.450	4.800	3.430	2.360	1.530
		75	33.510	28.360	23.690	19.420	15.570	12.210	9.350	6.960	4.970	3.420	2.220

R404A 15-75Hz Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		to Verdampfungstemperatur / Evaporating temperature / Température d'évaporation [°C]										
			5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
35PI-DLRB-7.5	30	15						5.360	4.220	3.230	2.430	1.770	1.240
		35						10.930	8.600	6.590	4.950	3.600	2.520
		50						15.180	11.940	9.150	6.880	5.000	3.500
		75						22.010	17.310	13.270	9.980	7.250	5.080
	40	15						4.500	3.500	2.650	1.960	1.380	940
		35						9.160	7.140	5.400	3.990	2.820	1.920
		50						12.720	9.910	7.500	5.540	3.910	2.660
		75						18.440	14.370	10.880	8.030	5.670	3.860
	50	15						3.600	2.770	2.060	1.490	1.020	660
		35						7.330	5.640	4.200	3.030	2.080	1.350
		50						10.180	7.830	5.830	4.210	2.890	1.880
		75						14.760	11.350	8.450	6.100	4.190	2.730
35PI-DLRB-10	30	15			9.920	8.200	6.690	5.360	4.220	3.230	2.430	1.770	1.240
		35			20.200	16.700	13.640	10.930	8.600	6.590	4.950	3.600	2.520
		50			28.060	23.190	18.940	15.180	11.940	9.150	6.880	5.000	3.500
		75			40.690	33.630	27.460	22.010	17.310	13.270	9.980	7.250	5.080
	40	15			8.500	7.010	5.660	4.500	3.500	2.650	1.960	1.380	940
		35			17.320	14.290	11.530	9.160	7.140	5.400	3.990	2.820	1.920
		50			24.050	19.850	16.020	12.720	9.910	7.500	5.540	3.910	2.660
		75			34.870	28.780	23.230	18.440	14.370	10.880	8.030	5.670	3.860
	50	15			6.910	5.660	4.570	3.600	2.770	2.060	1.490	1.020	660
		35			14.080	11.530	9.300	7.330	5.640	4.200	3.030	2.080	1.350
		50			19.560	16.020	12.920	10.180	7.830	5.830	4.210	2.890	1.880
		75			28.360	23.230	18.730	14.760	11.350	8.450	6.100	4.190	2.730
35PI-DLRB-13	30	15	13.740	11.730	9.920	8.200	6.690	5.360	4.220	3.230	2.430	1.770	1.240
		35	28.000	23.900	20.200	16.700	13.640	10.930	8.600	6.590	4.950	3.600	2.520
		50	38.890	33.190	28.060	23.190	18.940	15.180	11.940	9.150	6.880	5.000	3.500
		75	56.390	48.130	40.690	33.630	27.460	22.010	17.310	13.270	9.980	7.250	5.080
	40	15	11.900	10.110	8.500	7.010	5.660	4.500	3.500	2.650	1.960	1.380	940
		35	24.240	20.590	17.320	14.290	11.530	9.160	7.140	5.400	3.990	2.820	1.920
		50	33.660	28.600	24.050	19.850	16.020	12.720	9.910	7.500	5.540	3.910	2.660
		75	48.810	41.470	34.870	28.780	23.230	18.440	14.370	10.880	8.030	5.670	3.860
	50	15	9.740	8.250	6.910	5.660	4.570	3.600	2.770	2.060	1.490	1.020	660
		35	19.840	16.800	14.080	11.530	9.300	7.330	5.640	4.200	3.030	2.080	1.350
		50	27.550	23.340	19.560	16.020	12.920	10.180	7.830	5.830	4.210	2.890	1.880
		75	39.950	33.840	28.360	23.230	18.730	14.760	11.350	8.450	6.100	4.190	2.730
40PI-DLRB-10	30	15						6.330	5.000	3.850	2.900	2.090	1.450
		35						12.900	10.180	7.840	5.910	4.260	2.950
		50						17.910	14.140	10.890	8.210	5.910	4.100
		75						25.970	20.500	15.790	11.900	8.570	5.950
	40	15						5.230	4.060	3.090	2.290	1.630	1.110
		35						10.660	8.270	6.290	4.670	3.330	2.260
		50						14.800	11.480	8.740	6.480	4.620	3.140
		75						21.460	16.650	12.670	9.400	6.700	4.550
	50	15						4.150	3.190	2.390	1.710	1.170	760
		35						8.450	6.500	4.860	3.480	2.380	1.550
		50						11.730	9.030	6.750	4.830	3.310	2.150
		75						17.010	13.090	9.790	7.000	4.800	3.120
40PI-DLRB-13	30	15			11.620	9.640	7.880	6.330	5.000	3.850	2.900	2.090	1.450
		35			23.670	19.640	16.060	12.900	10.180	7.840	5.910	4.260	2.950
		50			32.870	27.280	22.300	17.910	14.140	10.890	8.210	5.910	4.100
		75			47.660	39.560	32.340	25.970	20.500	15.790	11.900	8.570	5.950
	40	15			9.850	8.130	6.580	5.230	4.060	3.090	2.290	1.630	1.110
		35			20.060	16.560	13.410	10.660	8.270	6.290	4.670	3.330	2.260
		50			27.860	23.000	18.630	14.800	11.480	8.740	6.480	4.620	3.140
		75			40.400	33.350	27.010	21.460	16.650	12.670	9.400	6.700	4.550
	50	15			7.990	6.540	5.260	4.150	3.190	2.390	1.710	1.170	760
		35			16.270	13.330	10.710	8.450	6.500	4.860	3.480	2.380	1.550
		50			22.600	18.520	14.870	11.730	9.030	6.750	4.830	3.310	2.150
		75			32.770	26.850	21.560	17.010	13.090	9.790	7.000	4.800	3.120
46PI-DLRB-13	30	15						6.990	5.550	4.300	3.230	2.330	1.610
		35						14.230	11.310	8.760	6.580	4.740	3.280
		50						19.770	15.710	12.160	9.140	6.580	4.560
		75						28.670	22.780	17.630	13.250	9.540	6.610
	40	15						6.000	4.700	3.580	2.660	1.870	1.270
		35						12.230	9.580	7.290	5.420	3.810	2.590
		50						16.980	13.300	10.120	7.530	5.290	3.600
		75						24.620	19.290	14.670	10.920	7.670	5.220
	50	15						4.850	3.730	2.790	1.990	1.370	890
		35						9.870	7.600	5.680	4.060	2.790	1.810
		50						13.710	10.550	7.890	5.640	3.870	2.520
		75						19.880	15.300	11.440	8.180	5.610	3.650

Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]									
			10	5	0	-5	-10	-15	-20	-25	-30	-35
7-DLRB-1.5	30	35							1.750	1.310	960	680
		50							2.430	1.820	1.330	950
		75							3.520	2.640	1.930	1.380
	40	35							1.460	1.070	760	530
		50							2.030	1.490	1.050	730
		75							2.940	2.160	1.520	1.060
	50	35							1.200	840	550	340
		50							1.660	1.170	770	470
		75							2.410	1.700	1.120	680
7-DLRB-2.2	30	35				3.570	2.880	2.280	1.750	1.310	960	680
		50				4.960	4.000	3.160	2.430	1.820	1.330	950
		75				7.190	5.800	4.580	3.520	2.640	1.930	1.380
	40	35				3.090	2.470	1.920	1.460	1.070	760	530
		50				4.290	3.430	2.670	2.030	1.490	1.050	730
		75				6.220	4.970	3.870	2.940	2.160	1.520	1.060
	50	35				2.640	2.090	1.610	1.200	840	550	340
		50				3.660	2.900	2.230	1.660	1.170	770	470
		75				5.310	4.210	3.230	2.410	1.700	1.120	680
7-DLRB-3	30	35	6.130	5.200	4.340	3.570	2.880	2.280	1.750	1.310	960	680
		50	8.520	7.220	6.030	4.960	4.000	3.160	2.430	1.820	1.330	950
		75	12.350	10.470	8.740	7.190	5.800	4.580	3.520	2.640	1.930	1.380
	40	35	5.410	4.560	3.790	3.090	2.470	1.920	1.460	1.070	760	530
		50	7.510	6.330	5.260	4.290	3.430	2.670	2.030	1.490	1.050	730
		75	10.890	9.180	7.630	6.220	4.970	3.870	2.940	2.160	1.520	1.060
	50	35	4.680	3.930	3.250	2.640	2.090	1.610	1.200	840	550	340
		50	6.500	5.460	4.520	3.660	2.900	2.230	1.660	1.170	770	470
		75	9.430	7.920	6.550	5.310	4.210	3.230	2.410	1.700	1.120	680
10-DLRB-2.2	30	35							2.380	1.800	1.320	970
		50							3.310	2.500	1.840	1.350
		75							4.800	3.630	2.670	1.960
	40	35							1.990	1.470	1.050	750
		50							2.760	2.040	1.460	1.040
		75							4.000	2.960	2.120	1.510
	50	35							1.620	1.150	780	510
		50							2.250	1.600	1.090	710
		75							3.260	2.320	1.580	1.030
10-DLRB-3	30	35				4.830	3.900	3.090	2.380	1.800	1.320	970
		50				6.710	5.420	4.290	3.310	2.500	1.840	1.350
		75				9.730	7.860	6.220	4.800	3.630	2.670	1.960
	40	35				4.190	3.350	2.610	1.990	1.470	1.050	750
		50				5.820	4.650	3.630	2.760	2.040	1.460	1.040
		75				8.440	6.740	5.260	4.000	2.960	2.120	1.510
	50	35				3.590	2.840	2.180	1.620	1.150	780	510
		50				4.980	3.940	3.030	2.250	1.600	1.090	710
		75				7.220	5.710	4.390	3.260	2.320	1.580	1.030
10-DLRB-3.5	30	35	8.320	7.040	5.880	4.830	3.900	3.090	2.380	1.800	1.320	970
		50	11.550	9.780	8.170	6.710	5.420	4.290	3.310	2.500	1.840	1.350
		75	16.750	14.180	11.850	9.730	7.860	6.220	4.800	3.630	2.670	1.960
	40	35	7.360	6.190	5.140	4.190	3.350	2.610	1.990	1.470	1.050	750
		50	10.220	8.600	7.140	5.820	4.650	3.630	2.760	2.040	1.460	1.040
		75	14.820	12.470	10.350	8.440	6.740	5.260	4.000	2.960	2.120	1.510
	50	35	6.390	5.360	4.430	3.590	2.840	2.180	1.620	1.150	780	510
		50	8.880	7.450	6.150	4.980	3.940	3.030	2.250	1.600	1.090	710
		75	12.880	10.800	8.920	7.220	5.710	4.390	3.260	2.320	1.580	1.030
14-DLRB-3	30	35							3.590	2.690	1.960	1.400
		50							4.980	3.730	2.720	1.950
		75							7.220	5.410	3.940	2.830
	40	35							3.000	2.220	1.600	1.140
		50							4.160	3.080	2.220	1.580
		75							6.030	4.470	3.220	2.290
	50	35							2.440	1.750	1.200	790
		50							3.390	2.430	1.670	1.100
		75							4.920	3.520	2.420	1.600
14-DLRB-3.5	30	35				7.290	5.880	4.650	3.590	2.690	1.960	1.400
		50				10.120	8.170	6.460	4.980	3.730	2.720	1.950
		75				14.670	11.850	9.370	7.220	5.410	3.940	2.830
	40	35				6.310	5.040	3.940	3.000	2.220	1.600	1.140
		50				8.760	7.000	5.470	4.160	3.080	2.220	1.580
		75				12.700	10.150	7.930	6.030	4.470	3.220	2.290
	50	35				5.360	4.250	3.280	2.440	1.750	1.200	790
		50				7.440	5.900	4.550	3.390	2.430	1.670	1.100
		75				10.790	8.560	6.600	4.920	3.520	2.420	1.600
14-DLRB-5	30	35	12.510	10.600	8.860	7.290	5.880	4.650	3.590	2.690	1.960	1.400
		50	17.380	14.720	12.300	10.120	8.170	6.460	4.980	3.730	2.720	1.950
		75	25.200	21.340	17.840	14.670	11.850	9.370	7.220	5.410	3.940	2.830
	40	35	11.060	9.310	7.730	6.310	5.040	3.940	3.000	2.220	1.600	1.140
		50	15.360	12.930	10.730	8.760	7.000	5.470	4.160	3.080	2.220	1.580
		75	22.270	18.750	15.560	12.700	10.150	7.930	6.030	4.470	3.220	2.290
	50	35	9.530	8.000	6.610	5.360	4.250	3.280	2.440	1.750	1.200	790
		50	13.240	11.110	9.180	7.440	5.900	4.550	3.390	2.430	1.670	1.100
		75	19.200	16.110	13.310	10.790	8.560	6.600	4.920	3.520	2.420	1.600

R407C 35-75Hz Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]									
			10	5	0	-5	-10	-15	-20	-25	-30	-35
19-DLRB-5	30	35							4.880	3.680	2.710	1.980
		50							6.780	5.110	3.770	2.750
		75							9.830	7.410	5.470	3.990
	40	35							4.100	3.050	2.200	1.580
		50							5.700	4.230	3.060	2.190
		75							8.270	6.130	4.440	3.180
	50	35							3.380	2.430	1.670	1.110
		50							4.690	3.370	2.320	1.540
		75							6.800	4.890	3.360	2.230
19-DLRB-6	30	35				9.880	7.980	6.310	4.880	3.680	2.710	1.980
		50				13.720	11.080	8.770	6.780	5.110	3.770	2.750
		75				19.890	16.070	12.720	9.830	7.410	5.470	3.990
	40	35				8.600	6.880	5.380	4.100	3.050	2.200	1.580
		50				11.940	9.560	7.470	5.700	4.230	3.060	2.190
		75				17.310	13.860	10.830	8.270	6.130	4.440	3.180
	50	35				7.390	5.850	4.510	3.380	2.430	1.670	1.110
		50				10.260	8.130	6.270	4.690	3.370	2.320	1.540
		75				14.880	11.790	9.090	6.800	4.890	3.360	2.230
19-DLRB-7.5	30	35	16.970	14.370	12.010	9.880	7.980	6.310	4.880	3.680	2.710	1.980
		50	23.570	19.960	16.680	13.720	11.080	8.770	6.780	5.110	3.770	2.750
		75	34.180	28.940	24.190	19.890	16.070	12.720	9.830	7.410	5.470	3.990
	40	35	15.060	12.690	10.530	8.600	6.880	5.380	4.100	3.050	2.200	1.580
		50	20.920	17.620	14.630	11.940	9.560	7.470	5.700	4.230	3.060	2.190
		75	30.330	25.550	21.210	17.310	13.860	10.830	8.270	6.130	4.440	3.180
	50	35	13.150	11.040	9.120	7.390	5.850	4.510	3.380	2.430	1.670	1.110
		50	18.270	15.330	12.660	10.260	8.130	6.270	4.690	3.370	2.320	1.540
		75	26.490	22.230	18.360	14.880	11.790	9.090	6.800	4.890	3.360	2.230
24-DLRB-5.4	30	35							5.980	4.500	3.300	2.380
		50							8.300	6.250	4.590	3.310
		75							12.040	9.060	6.660	4.800
	40	35							5.020	3.720	2.670	1.890
		50							6.970	5.160	3.710	2.620
		75							10.110	7.480	5.380	3.800
	50	35							4.120	2.950	2.030	1.340
		50							5.720	4.100	2.820	1.860
		75							8.290	5.950	4.090	2.700
24-DLRB-7.5	30	35				12.040	9.740	7.720	5.980	4.500	3.300	2.380
		50				16.720	13.530	10.720	8.300	6.250	4.590	3.310
		75				24.240	19.620	15.540	12.040	9.060	6.660	4.800
	40	35				10.480	8.400	6.580	5.020	3.720	2.670	1.890
		50				14.560	11.670	9.140	6.970	5.160	3.710	2.620
		75				21.110	16.920	13.250	10.110	7.480	5.380	3.800
	50	35				9.030	7.150	5.520	4.120	2.950	2.030	1.340
		50				12.540	9.930	7.660	5.720	4.100	2.820	1.860
		75				18.180	14.400	11.110	8.290	5.950	4.090	2.700
24-DLRB-10	30	35	20.570	17.450	14.600	12.040	9.740	7.720	5.980	4.500	3.300	2.380
		50	28.570	24.230	20.280	16.720	13.530	10.720	8.300	6.250	4.590	3.310
		75	41.430	35.130	29.410	24.240	19.620	15.540	12.040	9.060	6.660	4.800
	40	35	18.300	15.430	12.830	10.480	8.400	6.580	5.020	3.720	2.670	1.890
		50	25.410	21.430	17.820	14.560	11.670	9.140	6.970	5.160	3.710	2.620
		75	36.840	31.070	25.840	21.110	16.920	13.250	10.110	7.480	5.380	3.800
	50	35	16.060	13.480	11.130	9.030	7.150	5.520	4.120	2.950	2.030	1.340
		50	22.310	18.720	15.460	12.540	9.930	7.660	5.720	4.100	2.820	1.860
		75	32.350	27.140	22.420	18.180	14.400	11.110	8.290	5.950	4.090	2.700
30L-DLRB-7.5	30	35							7.340	5.490	4.000	2.890
		50							10.200	7.620	5.560	4.010
		75							14.790	11.050	8.060	5.810
	40	35							6.030	4.440	3.190	2.300
		50							8.370	6.160	4.430	3.190
		75							12.140	8.930	6.420	4.630
	50	35							4.820	3.410	2.310	1.530
		50							6.700	4.740	3.210	2.120
		75							9.720	6.870	4.650	3.070
30L-DLRB-10	30	35				15.120	12.160	9.570	7.340	5.490	4.000	2.890
		50				21.000	16.890	13.290	10.200	7.620	5.560	4.010
		75				30.450	24.490	19.270	14.790	11.050	8.060	5.810
	40	35				12.900	10.260	7.970	6.030	4.440	3.190	2.300
		50				17.920	14.250	11.070	8.370	6.160	4.430	3.190
		75				25.980	20.660	16.050	12.140	8.930	6.420	4.630
	50	35				10.940	8.590	6.550	4.820	3.410	2.310	1.530
		50				15.190	11.930	9.100	6.700	4.740	3.210	2.120
		75				22.030	17.300	13.200	9.720	6.870	4.650	3.070
30L-DLRB-13	30	35	26.210	22.140	18.450	15.120	12.160	9.570	7.340	5.490	4.000	2.890
		50	36.400	30.750	25.620	21.000	16.890	13.290	10.200	7.620	5.560	4.010
		75	52.780	44.590	37.150	30.450	24.490	19.270	14.790	11.050	8.060	5.810
	40	35	22.930	19.240	15.900	12.900	10.260	7.970	6.030	4.440	3.190	2.300
		50	31.850	26.720	22.080	17.920	14.250	11.070	8.370	6.160	4.430	3.190
		75	46.180	38.740	32.020	25.980	20.660	16.050	12.140	8.930	6.420	4.630
	50	35	19.870	16.580	13.600	10.940	8.590	6.550	4.820	3.410	2.310	1.530
		50	27.600	23.030	18.890	15.190	11.930	9.100	6.700	4.740	3.210	2.120
		75	40.020	33.390	27.390	22.030	17.300	13.200	9.720	6.870	4.650	3.070

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

35-75Hz R407C

Type	tc [°C]	Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]									
		10	5	0	-5	-10	-15	-20	-25	-30	-35
35L-DLRB-7.5	30	35						8.580	6.410	4.670	3.370
		50						11.910	8.900	6.490	4.680
		75						17.270	12.910	9.410	6.790
	40	35						7.180	5.280	3.790	2.690
		50						9.970	7.340	5.260	3.740
		75						14.460	10.640	7.630	5.420
	50	35						5.880	4.190	2.850	1.870
		50						8.160	5.820	3.960	2.600
		75						11.830	8.440	5.740	3.770
35L-DLRB-10	30	35			17.650	14.200	11.170	8.580	6.410	4.670	3.370
		50			24.520	19.720	15.520	11.910	8.900	6.490	4.680
		75			35.550	28.590	22.500	17.270	12.910	9.410	6.790
	40	35			15.280	12.180	9.480	7.180	5.280	3.790	2.690
		50			21.220	16.910	13.160	9.970	7.340	5.260	3.740
		75			30.770	24.520	19.080	14.460	10.640	7.630	5.420
	50	35			13.060	10.310	7.920	5.880	4.190	2.850	1.870
		50			18.140	14.320	11.000	8.160	5.820	3.960	2.600
		75			26.300	20.760	15.950	11.830	8.440	5.740	3.770
35L-DLRB-13	30	35	30.610	25.860	21.540	17.650	14.200	11.170	8.580	6.410	4.670
		50	42.520	35.920	29.920	24.520	19.720	15.520	11.910	8.900	6.490
		75	61.650	52.080	43.380	35.550	28.590	22.500	17.270	12.910	9.410
	40	35	26.980	22.680	18.780	15.280	12.180	9.480	7.180	5.280	3.790
		50	37.470	31.500	26.080	21.220	16.910	13.160	9.970	7.340	5.260
		75	54.330	45.680	37.820	30.770	24.520	19.080	14.460	10.640	7.630
	50	35	23.410	19.610	16.160	13.060	10.310	7.920	5.880	4.190	2.850
		50	32.520	27.240	22.440	18.140	14.320	11.000	8.160	5.820	3.960
		75	47.150	39.500	32.540	26.300	20.760	15.950	11.830	8.440	5.740
40-DLRB-10	30	35						9.630	7.180	5.220	3.740
		50						13.370	9.970	7.250	5.200
		75						19.390	14.460	10.510	7.540
	40	35						8.110	5.950	4.180	2.980
		50						11.260	8.260	5.590	4.140
		75						16.330	11.980	8.460	6.000
	50	35						6.660	4.740	3.220	2.080
		50						9.250	6.590	4.470	2.890
		75						13.410	9.560	6.480	4.190
40-DLRB-13	30	35			19.870	15.970	12.560	9.630	7.180	5.220	3.740
		50			27.600	22.180	17.440	13.370	9.970	7.250	5.200
		75			40.020	32.160	25.290	19.390	14.460	10.510	7.540
	40	35			17.250	13.760	10.710	8.110	5.950	4.180	2.980
		50			23.960	19.110	14.870	11.260	8.260	5.590	4.140
		75			34.740	27.710	21.560	16.330	11.980	8.460	6.000
	50	35			14.750	11.660	8.960	6.660	4.740	3.220	2.080
		50			20.490	16.200	12.450	9.250	6.590	4.470	2.890
		75			29.710	23.490	18.050	13.410	9.560	6.480	4.190
46L-DLRB-13	30	35						11.070	8.290	6.050	4.330
		50						15.380	11.520	8.400	6.020
		75						22.300	16.700	12.180	8.730
	40	35						9.330	6.850	4.860	3.360
		50						12.960	9.520	6.750	4.660
		75						18.790	13.800	9.790	6.760
	50	35						7.650	5.430	3.610	2.220
		50						10.630	7.540	5.020	3.080
		75						15.410	10.930	7.280	4.470

R407C 15-75Hz Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]									
			10	5	0	-5	-10	-15	-20	-25	-30	-35
14PI-DLRB-3	30	15							1760	1320	960	690
		35							3.590	2.690	1960	1400
		50							4.980	3.730	2.720	1950
		75							7.220	5.410	3.940	2.830
	40	15							1470	1090	780	560
		35							3.000	2.220	1600	1140
		50							4.160	3.080	2.220	1580
		75							6.030	4.470	3.220	2.290
	50	15							1200	860	590	390
		35							2.440	1.750	1200	790
		50							3.390	2.430	1670	1100
		75							4.920	3.520	2.420	1600
14PI-DLRB-3.5	30	15				3.580	2.890	2.280	1760	1320	960	690
		35				7.290	5.880	4.650	3.590	2.690	1960	1400
		50				10.120	8.170	6.460	4.980	3.730	2.720	1950
		75				14.670	11.850	9.370	7.220	5.410	3.940	2.830
	40	15				3.100	2.470	1.930	1470	1090	780	560
		35				6.310	5.040	3.940	3.000	2.220	1600	1140
		50				8.760	7.000	5.470	4.160	3.080	2.220	1580
		75				12.700	10.150	7.930	6.030	4.470	3.220	2.290
	50	15				2.630	2.090	1.610	1200	860	590	390
		35				5.360	4.250	3.280	2.440	1.750	1200	790
		50				7.440	5.900	4.550	3.390	2.430	1670	1100
		75				10.790	8.560	6.600	4.920	3.520	2.420	1600
14PI-DLRB-5	30	15	6.140	5.200	4.350	3.580	2.890	2.280	1760	1320	960	690
		35	12.510	10.600	8.860	7.290	5.880	4.650	3.590	2.690	1960	1400
		50	17.380	14.720	12.300	10.120	8.170	6.460	4.980	3.730	2.720	1950
		75	25.200	21.340	17.840	14.670	11.850	9.370	7.220	5.410	3.940	2.830
	40	15	5.430	4.570	3.790	3.100	2.470	1.930	1470	1090	780	560
		35	11.060	9.310	7.730	6.310	5.040	3.940	3.000	2.220	1600	1140
		50	15.360	12.930	10.730	8.760	7.000	5.470	4.160	3.080	2.220	1580
		75	22.270	18.750	15.560	12.700	10.150	7.930	6.030	4.470	3.220	2.290
	50	15	4.680	3.930	3.240	2.630	2.090	1.610	1200	860	590	390
		35	9.530	8.000	6.610	5.360	4.250	3.280	2.440	1.750	1200	790
		50	13.240	11.110	9.180	7.440	5.900	4.550	3.390	2.430	1670	1100
		75	19.200	16.110	13.310	10.790	8.560	6.600	4.920	3.520	2.420	1600
19PI-DLRB-5	30	15							2.400	1.810	1.330	970
		35							4.880	3.680	2.710	1980
		50							6.780	5.110	3.770	2.750
		75							9.830	7.410	5.470	3.990
	40	15							2.010	1.490	1.080	770
		35							4.100	3.050	2.200	1580
		50							5.700	4.230	3.060	2.190
		75							8.270	6.130	4.440	3.180
	50	15							1.660	1.190	820	540
		35							3.380	2.430	1.670	1.110
		50							4.690	3.370	2.320	1.540
		75							6.800	4.890	3.360	2.230
19PI-DLRB-6	30	15				4.850	3.920	3.100	2.400	1.810	1.330	970
		35				9.880	7.980	6.310	4.880	3.680	2.710	1980
		50				13.720	11.080	8.770	6.780	5.110	3.770	2.750
		75				19.890	16.070	12.720	9.830	7.410	5.470	3.990
	40	15				4.220	3.380	2.640	2.010	1.490	1.080	770
		35				8.600	6.880	5.380	4.100	3.050	2.200	1580
		50				11.940	9.560	7.470	5.700	4.230	3.060	2.190
		75				17.310	13.860	10.830	8.270	6.130	4.440	3.180
	50	15				3.630	2.870	2.220	1.660	1.190	820	540
		35				7.390	5.850	4.510	3.380	2.430	1.670	1.110
		50				10.260	8.130	6.270	4.690	3.370	2.320	1.540
		75				14.880	11.790	9.090	6.800	4.890	3.360	2.230
19PI-DLRB-7.5	30	15	8.330	7.050	5.890	4.850	3.920	3.100	2.400	1.810	1.330	970
		35	16.970	14.370	12.010	9.880	7.980	6.310	4.880	3.680	2.710	1980
		50	23.570	19.960	16.680	13.720	11.080	8.770	6.780	5.110	3.770	2.750
		75	34.180	28.940	24.190	19.890	16.070	12.720	9.830	7.410	5.470	3.990
	40	15	7.390	6.230	5.170	4.220	3.380	2.640	2.010	1.490	1.080	770
		35	15.060	12.690	10.530	8.600	6.880	5.380	4.100	3.050	2.200	1580
		50	20.920	17.620	14.630	11.940	9.560	7.470	5.700	4.230	3.060	2.190
		75	30.330	25.550	21.210	17.310	13.860	10.830	8.270	6.130	4.440	3.180
	50	15	6.460	5.420	4.470	3.630	2.870	2.220	1.660	1.190	820	540
		35	13.150	11.040	9.120	7.390	5.850	4.510	3.380	2.430	1.670	1.110
		50	18.270	15.330	12.660	10.260	8.130	6.270	4.690	3.370	2.320	1.540
		75	26.490	22.230	18.360	14.880	11.790	9.090	6.800	4.890	3.360	2.230

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

15-75Hz R407C

Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]									
			10	5	0	-5	-10	-15	-20	-25	-30	-35
24PI-DLRB-5.4	30	15							2.930	2.210	1.620	1.170
		35							5.980	4.500	3.300	2.380
		50							8.300	6.250	4.590	3.310
		75							12.040	9.060	6.660	4.800
	40	15							2.460	1.820	1.310	930
		35							5.020	3.720	2.670	1.890
		50							6.970	5.160	3.710	2.620
		75							10.110	7.480	5.380	3.800
	50	15							2.020	1.450	1.000	660
		35							4.120	2.950	2.030	1.340
		50							5.720	4.100	2.820	1.860
		75							8.290	5.950	4.090	2.700
24PI-DLRB-7.5	30	15				5.910	4.780	3.790	2.930	2.210	1.620	1.170
		35				12.040	9.740	7.720	5.980	4.500	3.300	2.380
		50				16.720	13.530	10.720	8.300	6.250	4.590	3.310
		75				24.240	19.620	15.540	12.040	9.060	6.660	4.800
	40	15				5.150	4.120	3.230	2.460	1.820	1.310	930
		35				10.480	8.400	6.580	5.020	3.720	2.670	1.890
		50				14.560	11.670	9.140	6.970	5.160	3.710	2.620
		75				21.110	16.920	13.250	10.110	7.480	5.380	3.800
	50	15				4.430	3.510	2.710	2.020	1.450	1.000	660
		35				9.030	7.150	5.520	4.120	2.950	2.030	1.340
		50				12.540	9.930	7.660	5.720	4.100	2.820	1.860
		75				18.180	14.400	11.110	8.290	5.950	4.090	2.700
24PI-DLRB-10	30	15	10.100	8.560	7.170	5.910	4.780	3.790	2.930	2.210	1.620	1.170
		35	20.570	17.450	14.600	12.040	9.740	7.720	5.980	4.500	3.300	2.380
		50	28.570	24.230	20.280	16.720	13.530	10.720	8.300	6.250	4.590	3.310
		75	41.430	35.130	29.410	24.240	19.620	15.540	12.040	9.060	6.660	4.800
	40	15	8.980	7.570	6.300	5.150	4.120	3.230	2.460	1.820	1.310	930
		35	18.300	15.430	12.830	10.480	8.400	6.580	5.020	3.720	2.670	1.890
		50	25.410	21.430	17.820	14.560	11.670	9.140	6.970	5.160	3.710	2.620
		75	36.840	31.070	25.840	21.110	16.920	13.250	10.110	7.480	5.380	3.800
	50	15	7.880	6.620	5.460	4.430	3.510	2.710	2.020	1.450	1.000	660
		35	16.060	13.480	11.130	9.030	7.150	5.520	4.120	2.950	2.030	1.340
		50	22.310	18.720	15.460	12.540	9.930	7.660	5.720	4.100	2.820	1.860
		75	32.350	27.140	22.420	18.180	14.400	11.110	8.290	5.950	4.090	2.700
30PI-DLRB-7.5	30	15							3.600	2.690	1.960	1.420
		35							7.340	5.490	4.000	2.890
		50							10.200	7.620	5.560	4.010
		75							14.790	11.050	8.060	5.810
	40	15							2.960	2.180	1.570	1.130
		35							6.030	4.440	3.190	2.300
		50							8.370	6.160	4.430	3.190
		75							12.140	8.930	6.420	4.630
	50	15							2.370	1.680	1.130	750
		35							4.820	3.410	2.310	1.530
		50							6.700	4.740	3.210	2.120
		75							9.720	6.870	4.650	3.070
30PI-DLRB-10	30	15				7.420	5.970	4.700	3.600	2.690	1.960	1.420
		35				15.120	12.160	9.570	7.340	5.490	4.000	2.890
		50				21.000	16.890	13.290	10.200	7.620	5.560	4.010
		75				30.450	24.490	19.270	14.790	11.050	8.060	5.810
	40	15				6.330	5.040	3.910	2.960	2.180	1.570	1.130
		35				12.900	10.260	7.970	6.030	4.440	3.190	2.300
		50				17.920	14.250	11.070	8.370	6.160	4.430	3.190
		75				25.980	20.660	16.050	12.140	8.930	6.420	4.630
	50	15				5.370	4.220	3.220	2.370	1.680	1.130	750
		35				10.940	8.590	6.550	4.820	3.410	2.310	1.530
		50				15.190	11.930	9.100	6.700	4.740	3.210	2.120
		75				22.030	17.300	13.200	9.720	6.870	4.650	3.070
30PI-DLRB-13	30	15	12.860	10.870	9.050	7.420	5.970	4.700	3.600	2.690	1.960	1.420
		35	26.210	22.140	18.450	15.120	12.160	9.570	7.340	5.490	4.000	2.890
		50	36.400	30.750	25.620	21.000	16.890	13.290	10.200	7.620	5.560	4.010
		75	52.780	44.590	37.150	30.450	24.490	19.270	14.790	11.050	8.060	5.810
	40	15	11.260	9.440	7.800	6.330	5.040	3.910	2.960	2.180	1.570	1.130
		35	22.930	19.240	15.900	12.900	10.260	7.970	6.030	4.440	3.190	2.300
		50	31.850	26.720	22.080	17.920	14.250	11.070	8.370	6.160	4.430	3.190
		75	46.180	38.740	32.020	25.980	20.660	16.050	12.140	8.930	6.420	4.630
	50	15	9.750	8.140	6.680	5.370	4.220	3.220	2.370	1.680	1.130	750
		35	19.870	16.580	13.600	10.940	8.590	6.550	4.820	3.410	2.310	1.530
		50	27.600	23.030	18.890	15.190	11.930	9.100	6.700	4.740	3.210	2.120
		75	40.020	33.390	27.390	22.030	17.300	13.200	9.720	6.870	4.650	3.070

R407C 15-75Hz Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]									
			10	5	0	-5	-10	-15	-20	-25	-30	-35
35PI-DLRB-7.5	30	15							4.210	3.150	2.290	1.650
		35							8.580	6.410	4.670	3.370
		50							11.910	8.900	6.490	4.680
		75							17.270	12.910	9.410	6.790
	40	15							3.520	2.590	1.860	1.320
		35							7.180	5.280	3.790	2.690
		50							9.970	7.340	5.260	3.740
		75							14.460	10.640	7.630	5.420
	50	15							2.880	2.060	1.400	920
		35							5.880	4.190	2.850	1870
		50							8.160	5.820	3.960	2.600
		75							11.830	8.440	5.740	3.770
35PI-DLRB-10	30	15				8.670	6.970	5.480	4.210	3.150	2.290	1.650
		35				17.650	14.200	11.170	8.580	6.410	4.670	3.370
		50				24.520	19.720	15.520	11.910	8.900	6.490	4.680
		75				35.550	28.590	22.500	17.270	12.910	9.410	6.790
	40	15				7.500	5.980	4.650	3.520	2.590	1.860	1.320
		35				15.280	12.180	9.480	7.180	5.280	3.790	2.690
		50				21.220	16.910	13.160	9.970	7.340	5.260	3.740
		75				30.770	24.520	19.080	14.460	10.640	7.630	5.420
	50	15				6.410	5.060	3.890	2.880	2.060	1.400	920
		35				13.060	10.310	7.920	5.880	4.190	2.850	1870
		50				18.140	14.320	11.000	8.160	5.820	3.960	2.600
		75				26.300	20.760	15.950	11.830	8.440	5.740	3.770
35PI-DLRB-13	30	15	15.030	12.690	10.570	8.670	6.970	5.480	4.210	3.150	2.290	1.650
		35	30.610	25.860	21.540	17.650	14.200	11.170	8.580	6.410	4.670	3.370
		50	42.520	35.920	29.920	24.520	19.720	15.520	11.910	8.900	6.490	4.680
		75	61.650	52.080	43.380	35.550	28.590	22.500	17.270	12.910	9.410	6.790
	40	15	13.240	11.130	9.220	7.500	5.980	4.650	3.520	2.590	1.860	1.320
		35	26.980	22.680	18.780	15.280	12.180	9.480	7.180	5.280	3.790	2.690
		50	37.470	31.500	26.080	21.220	16.910	13.160	9.970	7.340	5.260	3.740
		75	54.330	45.680	37.820	30.770	24.520	19.080	14.460	10.640	7.630	5.420
	50	15	11.490	9.630	7.930	6.410	5.060	3.890	2.880	2.060	1.400	920
		35	23.410	19.610	16.160	13.060	10.310	7.920	5.880	4.190	2.850	1870
		50	32.520	27.240	22.440	18.140	14.320	11.000	8.160	5.820	3.960	2.600
		75	47.150	39.500	32.540	26.300	20.760	15.950	11.830	8.440	5.740	3.770
40PI-DLRB-10	30	15							4.720	3.520	2.560	1.840
		35							9.630	7.180	5.220	3.740
		50							13.370	9.970	7.250	5.200
		75							19.390	14.460	10.510	7.540
	40	15							3.980	2.920	3.040	1.460
		35							8.110	5.950	6.180	2.980
		50							11.260	8.260	8.590	4.140
		75							16.330	11.980	12.460	6.000
	50	15							3.270	2.330	1.580	1.020
		35							6.660	4.740	3.220	2.080
		50							9.250	6.590	4.470	2.890
		75							13.410	9.560	6.480	4.190
40PI-DLRB-13	30	15				9.750	7.840	6.160	4.720	3.520	2.560	1.840
		35				19.870	15.970	12.560	9.630	7.180	5.220	3.740
		50				27.600	22.180	17.440	13.370	9.970	7.250	5.200
		75				40.020	32.160	25.290	19.390	14.460	10.510	7.540
	40	15				8.470	6.750	5.260	3.980	2.920	3.040	1.460
		35				17.250	13.760	10.710	8.110	5.950	6.180	2.980
		50				23.960	19.110	14.870	11.260	8.260	8.590	4.140
		75				34.740	27.710	21.560	16.330	11.980	12.460	6.000
	50	15				7.240	5.730	4.400	3.270	2.330	1.580	1.020
		35				14.750	11.660	8.960	6.660	4.740	3.220	2.080
		50				20.490	16.200	12.450	9.250	6.590	4.470	2.890
		75				29.710	23.490	18.050	13.410	9.560	6.480	4.190
46PI-DLRB-13	30	15							5.440	4.070	2.970	2.130
		35							11.070	8.290	6.050	4.330
		50							15.380	11.520	8.400	6.020
		75							22.300	16.700	12.180	8.730
	40	15							4.580	3.360	2.390	1.650
		35							9.330	6.850	4.860	3.360
		50							12.960	9.520	6.750	4.660
		75							18.790	13.800	9.790	6.760
	50	15							3.760	2.660	1.770	1.090
		35							7.650	5.430	3.610	2.220
		50							10.630	7.540	5.020	3.080
		75							15.410	10.930	7.280	4.470

Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]											
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
7-DLRB-1.5	30	35							2.300	1.810	1.390	1.030	730	510
		50							3.200	2.520	1.930	1.430	1.020	710
		75							4.640	3.650	2.800	2.070	1.480	1.030
	40	35							1.910	1.480	1.110	810	580	410
		50							2.650	2.050	1.540	1.120	800	570
		75							3.840	2.970	2.230	1.620	1.160	830
	50	35							1.530	1.160	850	600	420	
		50							2.130	1.610	1.180	840	590	
		75							3.090	2.330	1.710	1.220	860	
7-DLRB-2.2	30	35				4.170	3.480	2.860	2.300	1.810	1.390	1.030	730	510
		50				5.790	4.840	3.970	3.200	2.520	1.930	1.430	1.020	710
		75				8.400	7.020	5.760	4.640	3.650	2.800	2.070	1.480	1.030
	40	35				3.570	2.950	2.400	1.910	1.480	1.110	810	580	410
		50				4.960	4.100	3.330	2.650	2.050	1.540	1.120	800	570
		75				7.190	5.950	4.830	3.840	2.970	2.230	1.620	1.160	830
	50	35				3.000	2.460	1.970	1.530	1.160	850	600	420	
		50				4.160	3.410	2.730	2.130	1.610	1.180	840	590	
		75				6.030	4.940	3.960	3.090	2.330	1.710	1.220	860	
7-DLRB-3	30	35	6.630	5.750	4.920	4.170	3.480	2.860	2.300	1.810	1.390	1.030	730	510
		50	9.210	7.980	6.840	5.790	4.840	3.970	3.200	2.520	1.930	1.430	1.020	710
		75	13.350	11.570	9.920	8.400	7.020	5.760	4.640	3.650	2.800	2.070	1.480	1.030
	40	35	5.750	4.970	4.240	3.570	2.950	2.400	1.910	1.480	1.110	810	580	410
		50	7.990	6.900	5.890	4.960	4.100	3.330	2.650	2.050	1.540	1.120	800	570
		75	11.590	10.010	8.540	7.190	5.950	4.830	3.840	2.970	2.230	1.620	1.160	830
	50	35	4.940	4.240	3.590	3.000	2.460	1.970	1.530	1.160	850	600	420	
		50	6.860	5.890	4.990	4.160	3.410	2.730	2.130	1.610	1.180	840	590	
		75	9.950	8.540	7.240	6.030	4.940	3.960	3.090	2.330	1.710	1.220	860	
10-DLRB-2.2	30	35							3.150	2.500	1.930	1.440	1.020	680
		50							4.380	3.470	2.680	2.000	1.420	950
		75							6.350	5.030	3.890	2.900	2.060	1.380
	40	35							2.610	2.030	1.550	1.140	820	580
		50							3.620	2.820	2.150	1.590	1.140	810
		75							5.250	4.090	3.120	2.310	1.650	1.170
	50	35							2.100	1.610	1.200	870	630	
		50							2.910	2.230	1.670	1.210	880	
		75							4.220	3.230	2.420	1.750	1.280	
10-DLRB-3	30	35				5.640	4.720	3.890	3.150	2.500	1.930	1.440	1.020	680
		50				7.830	6.550	5.400	4.380	3.470	2.680	2.000	1.420	950
		75				11.350	9.500	7.830	6.350	5.030	3.890	2.900	2.060	1.380
	40	35				4.830	4.000	3.260	2.610	2.030	1.550	1.140	820	580
		50				6.710	5.560	4.530	3.620	2.820	2.150	1.590	1.140	810
		75				9.730	8.060	6.570	5.250	4.090	3.120	2.310	1.650	1.170
	50	35				4.060	3.320	2.660	2.100	1.610	1.200	870	630	
		50				5.640	4.610	3.700	2.910	2.230	1.670	1.210	880	
		75				8.180	6.680	5.370	4.220	3.230	2.420	1.750	1.280	
10-DLRB-3.5	30	35	9.000	7.780	6.650	5.640	4.720	3.890	3.150	2.500	1.930	1.440	1.020	680
		50	12.500	10.800	9.240	7.830	6.550	5.400	4.380	3.470	2.680	2.000	1.420	950
		75	18.130	15.660	13.400	11.350	9.500	7.830	6.350	5.030	3.890	2.900	2.060	1.380
	40	35	7.830	6.750	5.750	4.830	4.000	3.260	2.610	2.030	1.550	1.140	820	580
		50	10.880	9.370	7.980	6.710	5.560	4.530	3.620	2.820	2.150	1.590	1.140	810
		75	15.780	13.590	11.570	9.730	8.060	6.570	5.250	4.090	3.120	2.310	1.650	1.170
	50	35	6.770	5.780	4.880	4.060	3.320	2.660	2.100	1.610	1.200	870	630	
		50	9.400	8.030	6.780	5.640	4.610	3.700	2.910	2.230	1.670	1.210	880	
		75	13.630	11.640	9.830	8.180	6.680	5.370	4.220	3.230	2.420	1.750	1.280	
14-DLRB-3	30	35							4.710	3.710	2.840	2.120	1.540	1.100
		50							6.540	5.150	3.950	2.940	2.140	1.530
		75							9.480	7.470	5.730	4.260	3.100	2.220
	40	35							3.920	3.060	2.330	1.730	1.260	910
		50							5.440	4.250	3.240	2.400	1.750	1.270
		75							7.890	6.160	4.700	3.480	2.540	1.840
	50	35							3.170	2.450	1.840	1.360	1.000	
		50							4.400	3.400	2.560	1.890	1.390	
		75							6.380	4.930	3.710	2.740	2.020	
14-DLRB-3.5	30	35				8.520	7.110	5.850	4.710	3.710	2.840	2.120	1.540	1.100
		50				11.830	9.880	8.120	6.540	5.150	3.950	2.940	2.140	1.530
		75				17.150	14.330	11.770	9.480	7.470	5.730	4.260	3.100	2.220
	40	35				7.260	6.010	4.900	3.920	3.060	2.330	1.730	1.260	910
		50				10.080	8.350	6.810	5.440	4.250	3.240	2.400	1.750	1.270
		75				14.620	12.110	9.870	7.890	6.160	4.700	3.480	2.540	1.840
	50	35				6.060	4.980	4.010	3.170	2.450	1.840	1.360	1.000	
		50				8.420	6.910	5.570	4.400	3.400	2.560	1.890	1.390	
		75				12.210	10.020	8.080	6.380	4.930	3.710	2.740	2.020	
14-DLRB-5	30	35	13.510	11.720	10.060	8.520	7.110	5.850	4.710	3.710	2.840	2.120	1.540	1.100
		50	18.760	16.280	13.970	11.830	9.880	8.120	6.540	5.150	3.950	2.940	2.140	1.530
		75	27.200	23.610	20.260	17.150	14.330	11.770	9.480	7.470	5.730	4.260	3.100	2.220
	40	35	11.740	10.120	8.630	7.260	6.010	4.900	3.920	3.060	2.330	1.730	1.260	910
		50	16.310	14.050	11.980	10.080	8.350	6.810	5.440	4.250	3.240	2.400	1.750	1.270
		75	23.650	20.370	17.370	14.620	12.110	9.870	7.890	6.160	4.700	3.480	2.540	1.840
	50	35	10.100	8.630	7.280	6.060	4.980	4.010	3.170	2.450	1.840	1.360	1.000	
		50	14.030	11.980	10.110	8.420	6.910	5.570	4.400	3.400	2.560	1.890	1.390	
		75	20.340	17.370	14.660	12.210	10.020	8.080	6.380	4.930	3.710	2.740	2.020	

R507 35-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]											
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
19-DLRB-5	30	35							6.420	5.090	3.940	2.970	2.190	1.600
		50							8.920	7.070	5.470	4.130	3.040	2.220
		75							12.930	10.250	7.930	5.990	4.410	3.220
	40	35							5.360	4.210	3.230	2.430	1.820	1.390
		50							7.450	5.850	4.490	3.380	2.530	1.930
		75							10.800	8.480	6.510	4.900	3.670	2.800
	50	35							4.360	3.380	2.560	1.920	1.450	
		50							6.060	4.690	3.560	2.670	2.020	
		75							8.790	6.800	5.160	3.870	2.930	
19-DLRB-6	30	35				11.540	9.660	7.940	6.420	5.090	3.940	2.970	2.190	1.600
		50				16.030	13.410	11.030	8.920	7.070	5.470	4.130	3.040	2.220
		75				23.240	19.440	15.990	12.930	10.250	7.930	5.990	4.410	3.220
	40	35				9.930	8.230	6.710	5.360	4.210	3.230	2.430	1.820	1.390
		50				13.790	11.430	9.320	7.450	5.850	4.490	3.380	2.530	1.930
		75				20.000	16.570	13.510	10.800	8.480	6.510	4.900	3.670	2.800
	50	35				8.370	6.860	5.520	4.360	3.380	2.560	1.920	1.450	
		50				11.620	9.530	7.670	6.060	4.690	3.560	2.670	2.020	
		75				16.850	13.820	11.200	8.790	6.800	5.160	3.870	2.930	
19-DLRB-7.5	30	35	18.330	15.880	13.620	11.540	9.660	7.940	6.420	5.090	3.940	2.970	2.190	1.600
		50	25.460	22.060	18.920	16.030	13.410	11.030	8.920	7.070	5.470	4.130	3.040	2.220
		75	36.920	31.990	27.430	23.240	19.440	15.990	12.930	10.250	7.930	5.990	4.410	3.220
	40	35	16.130	13.880	11.820	9.930	8.230	6.710	5.360	4.210	3.230	2.430	1.820	1.390
		50	22.400	19.280	16.410	13.790	11.430	9.320	7.450	5.850	4.490	3.380	2.530	1.930
		75	32.480	27.960	23.790	20.000	16.570	13.510	10.800	8.480	6.510	4.900	3.670	2.800
	50	35	13.920	11.900	10.040	8.370	6.860	5.520	4.360	3.380	2.560	1.920	1.450	
		50	19.340	16.530	13.950	11.620	9.530	7.670	6.060	4.690	3.560	2.670	2.020	
		75	28.040	23.970	20.230	16.850	13.820	11.200	8.790	6.800	5.160	3.870	2.930	
24-DLRB-5.4	30	35							7.870	6.260	4.840	3.630	2.610	1.760
		50							10.930	8.690	6.720	5.040	3.620	2.450
		75							15.850	12.600	9.740	7.310	5.250	3.550
	40	35							6.580	5.180	3.970	2.960	2.140	1.490
		50							9.140	7.190	5.520	4.110	2.970	2.070
		75							13.250	10.430	8.000	5.960	4.310	3.000
	50	35							5.350	4.140	3.120	2.300	1.650	
		50							7.430	5.750	4.340	3.190	2.290	
		75							10.770	8.340	6.290	4.630	3.320	
24-DLRB-7.5	30	35				14.010	11.740	9.700	7.870	6.260	4.840	3.630	2.610	1.760
		50				19.460	16.310	13.470	10.930	8.690	6.720	5.040	3.620	2.450
		75				28.220	23.650	19.530	15.850	12.600	9.740	7.310	5.250	3.550
	40	35				12.060	10.020	8.190	6.580	5.180	3.970	2.960	2.140	1.490
		50				16.750	13.910	11.380	9.140	7.190	5.520	4.110	2.970	2.070
		75				24.290	20.170	16.500	13.250	10.430	8.000	5.960	4.310	3.000
	50	35				10.200	8.370	6.750	5.350	4.140	3.120	2.300	1.650	
		50				14.170	11.630	9.380	7.430	5.750	4.340	3.190	2.290	
		75				20.550	16.860	13.600	10.770	8.340	6.290	4.630	3.320	
24-DLRB-10	30	35	22.230	19.250	16.510	14.010	11.740	9.700	7.870	6.260	4.840	3.630	2.610	1.760
		50	30.880	26.740	22.930	19.460	16.310	13.470	10.930	8.690	6.720	5.040	3.620	2.450
		75	44.780	38.770	33.250	28.220	23.650	19.530	15.850	12.600	9.740	7.310	5.250	3.550
	40	35	19.560	16.830	14.330	12.060	10.020	8.190	6.580	5.180	3.970	2.960	2.140	1.490
		50	27.170	23.370	19.900	16.750	13.910	11.380	9.140	7.190	5.520	4.110	2.970	2.070
		75	39.400	33.890	28.860	24.290	20.170	16.500	13.250	10.430	8.000	5.960	4.310	3.000
	50	35	17.040	14.530	12.250	10.200	8.370	6.750	5.350	4.140	3.120	2.300	1.650	
		50	23.660	20.180	17.010	14.170	11.630	9.380	7.430	5.750	4.340	3.190	2.290	
		75	34.310	29.260	24.660	20.550	16.860	13.600	10.770	8.340	6.290	4.630	3.320	
30L-DLRB-7.5	30	35							9.650	7.570	5.800	4.360	3.230	2.420
		50							13.400	10.510	8.060	6.050	4.480	3.360
		75							19.430	15.240	11.690	8.770	6.500	4.870
	40	35							7.900	6.130	4.640	3.440	2.530	1.920
		50							10.970	8.510	6.450	4.780	3.520	2.660
		75							15.910	12.340	9.350	6.930	5.100	3.860
	50	35							6.260	4.780	3.560	2.600	1.890	
		50							8.700	6.640	4.950	3.610	2.620	
		75							12.620	9.630	7.180	5.230	3.800	
30L-DLRB-10	30	35				17.680	14.710	12.030	9.650	7.570	5.800	4.360	3.230	2.420
		50				24.550	20.430	16.710	13.400	10.510	8.060	6.050	4.480	3.360
		75				35.600	29.620	24.230	19.430	15.240	11.690	8.770	6.500	4.870
	40	35				14.930	12.300	9.960	7.900	6.130	4.640	3.440	2.530	1.920
		50				20.740	17.080	13.830	10.970	8.510	6.450	4.780	3.520	2.660
		75				30.070	24.770	20.050	15.910	12.340	9.350	6.930	5.100	3.860
	50	35				12.360	10.050	8.020	6.260	4.780	3.560	2.600	1.890	
		50				17.170	13.960	11.140	8.700	6.640	4.950	3.610	2.620	
		75				24.900	20.240	16.150	12.620	9.630	7.180	5.230	3.800	
30L-DLRB-13	30	35	28.300	24.480	20.940	17.680	14.710	12.030	9.650	7.570	5.800	4.360	3.230	2.420
		50	39.300	34.000	29.080	24.550	20.430	16.710	13.400	10.510	8.060	6.050	4.480	3.360
		75	56.990	49.300	42.170	35.600	29.620	24.230	19.430	15.240	11.690	8.770	6.500	4.870
	40	35	24.550	21.060	17.860	14.930	12.300	9.960	7.900	6.130	4.640	3.440	2.530	1.920
		50	34.100	29.250	24.800	20.740	17.080	13.830	10.970	8.510	6.450	4.780	3.520	2.660
		75	49.450	42.410	35.960	30.070	24.770	20.050	15.910	12.340	9.350	6.930	5.100	3.860
	50	35	21.070	17.870	14.970	12.360	10.050	8.020	6.260	4.780	3.560	2.600	1.890	
		50	29.260	24.820	20.790	17.170	13.960	11.140	8.700	6.640	4.950	3.610	2.620	
		75	42.430	35.990	30.150	24.900	20.240	16.150	12.620	9.630	7.180	5.230	3.800	

Type	tc [°C]	Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]											
		10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
35 L-DLRB-7.5	35							11.270	8.840	6.780	5.080	3.770	2.830
	30							15.650	12.280	9.410	7.060	5.230	3.930
	75							22.690	17.810	13.640	10.240	7.580	5.700
	35							9.390	7.290	5.540	4.130	3.080	2.390
	40							13.040	10.130	7.690	5.740	4.280	3.320
	50							18.910	14.690	11.150	8.320	6.210	4.810
	75							7.600	5.820	4.370	3.250	2.440	
	35							10.550	8.090	6.070	4.510	3.390	
	50							15.300	11.730	8.800	6.540	4.920	
35 L-DLRB-10	35				20.650	17.180	14.050	11.270	8.840	6.780	5.080	3.770	2.830
	30				28.680	23.860	19.510	15.650	12.280	9.410	7.060	5.230	3.930
	75				41.590	34.600	28.290	22.690	17.810	13.640	10.240	7.580	5.700
	35				17.630	14.570	11.820	9.390	7.290	5.540	4.130	3.080	2.390
	40				24.490	20.230	16.410	13.040	10.130	7.690	5.740	4.280	3.320
	50				35.510	29.330	23.790	18.910	14.690	11.150	8.320	6.210	4.810
	75				14.800	12.080	9.680	7.600	5.820	4.370	3.250	2.440	
	35				20.550	16.780	13.440	10.550	8.090	6.070	4.510	3.390	
	50				29.800	24.330	19.490	15.300	11.730	8.800	6.540	4.920	
35 L-DLRB-13	35	33.050	28.590	24.460	20.650	17.180	14.050	11.270	8.840	6.780	5.080	3.770	2.830
	30	45.900	39.710	33.970	28.680	23.860	19.510	15.650	12.280	9.410	7.060	5.230	3.930
	75	66.560	57.580	49.260	41.590	34.600	28.290	22.690	17.810	13.640	10.240	7.580	5.700
	35	28.610	24.660	21.000	17.630	14.570	11.820	9.390	7.290	5.540	4.130	3.080	2.390
	40	39.740	34.250	29.160	24.490	20.230	16.410	13.040	10.130	7.690	5.740	4.280	3.320
	50	57.620	49.660	42.280	35.510	29.330	23.790	18.910	14.690	11.150	8.320	6.210	4.810
	75	24.790	21.150	17.820	14.800	12.080	9.680	7.600	5.820	4.370	3.250	2.440	
	35	34.430	29.370	24.750	20.550	16.780	13.440	10.550	8.090	6.070	4.510	3.390	
	50	49.920	42.590	35.890	29.800	24.330	19.490	15.300	11.730	8.800	6.540	4.920	
40 L-DLRB-10	35							12.630	9.890	7.560	5.670	4.220	3.230
	30							17.540	13.730	10.500	7.870	5.860	4.480
	75							25.430	19.910	15.230	11.410	8.500	6.500
	35							10.550	8.170	6.180	4.620	3.480	2.790
	40							14.650	11.350	8.590	6.420	4.840	3.880
	50							21.240	16.460	12.460	9.310	7.020	5.630
	75							8.590	6.570	4.920	3.650	2.760	
	35							11.930	9.130	6.840	5.070	3.830	
	50							17.300	13.240	9.920	7.350	5.550	
40 L-DLRB-13	35				23.250	19.320	15.780	12.630	9.890	7.560	5.670	4.220	3.230
	30				32.290	26.840	21.920	17.540	13.730	10.500	7.870	5.860	4.480
	75				46.820	38.920	31.780	25.430	19.910	15.230	11.410	8.500	6.500
	35				19.900	16.430	13.310	10.550	8.170	6.180	4.620	3.480	2.790
	40				27.640	22.820	18.480	14.650	11.350	8.590	6.420	4.840	3.880
	50				40.080	33.090	26.800	21.240	16.460	12.460	9.310	7.020	5.630
	75				16.730	13.670	10.960	8.590	6.570	4.920	3.650	2.760	
	35				23.240	18.990	15.220	11.930	9.130	6.840	5.070	3.830	
	50				33.700	27.540	22.070	17.300	13.240	9.920	7.350	5.550	
46 L-DLRB-10	35							14.720	11.480	8.750	6.550	4.920	3.890
	30							20.450	15.950	12.150	9.100	6.840	5.400
	75							29.650	23.130	17.620	13.200	9.920	7.830
	35							12.220	9.460	7.170	5.350	4.030	3.230
	40							16.970	13.140	9.960	7.430	5.600	4.490
	50							24.610	19.050	14.440	10.770	8.120	6.510
	75							9.940	7.620	5.710	4.230	3.200	
	35							13.810	10.580	7.930	5.880	4.440	
	50							20.020	15.340	11.500	8.530	6.440	

Legende | Legend

Kursiv

Eingeschränkte Sauggasttemperatur erforderlich | Limited suction gas temperature required

Werte bezogen auf 25°C Sauggasttemperatur, ohne Flüssigkeitsunterkühlung

Performance data related to 25°C suction gas temperature, without subcooling

R507 15-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]											
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
14PI-DLRB-3	30	15							2.310	1820	1400	1040	760	540
		35							4.710	3.710	2.840	2.120	1540	1100
		50							6.540	5.150	3.950	2.940	2.140	1530
		75							9.480	7.470	5.730	4.260	3.100	2.220
	40	15							1920	1500	1150	850	620	450
		35							3.920	3.060	2.330	1730	1260	910
		50							5.440	4.250	3.240	2.400	1750	1270
		75							7.890	6.160	4.700	3.480	2.540	1840
	50	15							1550	1200	900	670	490	
		35							3.170	2.450	1840	1360	1000	
		50							4.400	3.400	2.560	1890	1390	
		75							6.380	4.930	3.710	2.740	2.020	
14PI-DLRB-3.5	30	15				4.180	3.490	2.870	2.310	1820	1400	1040	760	540
		35				8.520	7.110	5.850	4.710	3.710	2.840	2.120	1540	1100
		50				11830	9.880	8.120	6.540	5.150	3.950	2.940	2.140	1530
		75				17.150	14.330	11.770	9.480	7.470	5.730	4.260	3.100	2.220
	40	15				3.560	2.950	2.410	1920	1500	1150	850	620	450
		35				7.260	6.010	4.900	3.920	3.060	2.330	1730	1260	910
		50				10.080	8.350	6.810	5.440	4.250	3.240	2.400	1750	1270
		75				14.620	12.110	9.870	7.890	6.160	4.700	3.480	2.540	1840
	50	15				2.980	2.440	1.970	1550	1200	900	670	490	
		35				6.060	4.980	4.010	3.170	2.450	1840	1360	1000	
		50				8.420	6.910	5.570	4.400	3.400	2.560	1890	1390	
		75				12.210	10.020	8.080	6.380	4.930	3.710	2.740	2.020	
14PI-DLRB-5	30	15	6.630	5.750	4.940	4.180	3.490	2.870	2.310	1820	1400	1040	760	540
		35	13.510	11.720	10.060	8.520	7.110	5.850	4.710	3.710	2.840	2.120	1540	1100
		50	18.760	16.280	13.970	11830	9.880	8.120	6.540	5.150	3.950	2.940	2.140	1530
		75	27.200	23.610	20.260	17.150	14.330	11.770	9.480	7.470	5.730	4.260	3.100	2.220
	40	15	5.760	4.970	4.230	3.560	2.950	2.410	1920	1500	1150	850	620	450
		35	11.740	10.120	8.630	7.260	6.010	4.900	3.920	3.060	2.330	1730	1260	910
		50	16.310	14.050	11.980	10.080	8.350	6.810	5.440	4.250	3.240	2.400	1750	1270
		75	23.650	20.370	17.370	14.620	12.110	9.870	7.890	6.160	4.700	3.480	2.540	1840
	50	15	4.960	4.230	3.570	2.980	2.440	1.970	1550	1200	900	670	490	
		35	10.100	8.630	7.280	6.060	4.980	4.010	3.170	2.450	1840	1360	1000	
		50	14.030	11.980	10.110	8.420	6.910	5.570	4.400	3.400	2.560	1890	1390	
		75	20.340	17.370	14.660	12.210	10.020	8.080	6.380	4.930	3.710	2.740	2.020	
19PI-DLRB-5	30	15							3.150	2.500	1930	1460	1070	780
		35							6.420	5.090	3.940	2.970	2.190	1600
		50							8.920	7.070	5.470	4.130	3.040	2.220
		75							12.930	10.250	7.930	5.990	4.410	3.220
	40	15							2.630	2.070	1590	1190	890	680
		35							5.360	4.210	3.230	2.430	1820	1390
		50							7.450	5.850	4.490	3.380	2.530	1930
		75							10.800	8.480	6.510	4.900	3.670	2.800
	50	15							2.140	1.660	1.260	940	710	
		35							4.360	3.380	2.560	1920	1450	
		50							6.060	4.690	3.560	2.670	2.020	
		75							8.790	6.800	5.160	3.870	2.930	
19PI-DLRB-6	30	15				5.670	4.740	3.900	3.150	2.500	1930	1460	1070	780
		35				11.540	9.660	7.940	6.420	5.090	3.940	2.970	2.190	1600
		50				16.030	13.410	11.030	8.920	7.070	5.470	4.130	3.040	2.220
		75				23.240	19.440	15.990	12.930	10.250	7.930	5.990	4.410	3.220
	40	15				4.870	4.040	3.290	2.630	2.070	1590	1190	890	680
		35				9.930	8.230	6.710	5.360	4.210	3.230	2.430	1820	1390
		50				13.790	11.430	9.320	7.450	5.850	4.490	3.380	2.530	1930
		75				20.000	16.570	13.510	10.800	8.480	6.510	4.900	3.670	2.800
	50	15				4.110	3.370	2.710	2.140	1.660	1.260	940	710	
		35				8.370	6.860	5.520	4.360	3.380	2.560	1920	1450	
		50				11.620	9.530	7.670	6.060	4.690	3.560	2.670	2.020	
		75				16.850	13.820	11.120	8.790	6.800	5.160	3.870	2.930	
19PI-DLRB-7.5	30	15	9.000	7.800	6.690	5.670	4.740	3.900	3.150	2.500	1930	1460	1070	780
		35	18.330	15.880	13.620	11.540	9.660	7.940	6.420	5.090	3.940	2.970	2.190	1600
		50	25.460	22.060	18.920	16.030	13.410	11.030	8.920	7.070	5.470	4.130	3.040	2.220
		75	36.920	31.990	27.430	23.240	19.440	15.990	12.930	10.250	7.930	5.990	4.410	3.220
	40	15	7.920	6.810	5.800	4.870	4.040	3.290	2.630	2.070	1590	1190	890	680
		35	16.130	13.880	11.820	9.930	8.230	6.710	5.360	4.210	3.230	2.430	1820	1390
		50	22.400	19.280	16.410	13.790	11.430	9.320	7.450	5.850	4.490	3.380	2.530	1930
		75	32.480	27.960	23.790	20.000	16.570	13.510	10.800	8.480	6.510	4.900	3.670	2.800
	50	15	6.830	5.840	4.930	4.110	3.370	2.710	2.140	1.660	1.260	940	710	
		35	13.920	11.900	10.040	8.370	6.860	5.520	4.360	3.380	2.560	1920	1450	
		50	19.340	16.530	13.950	11.620	9.530	7.670	6.060	4.690	3.560	2.670	2.020	
		75	28.040	23.970	20.230	16.850	13.820	11.120	8.790	6.800	5.160	3.870	2.930	

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

15-75Hz R507

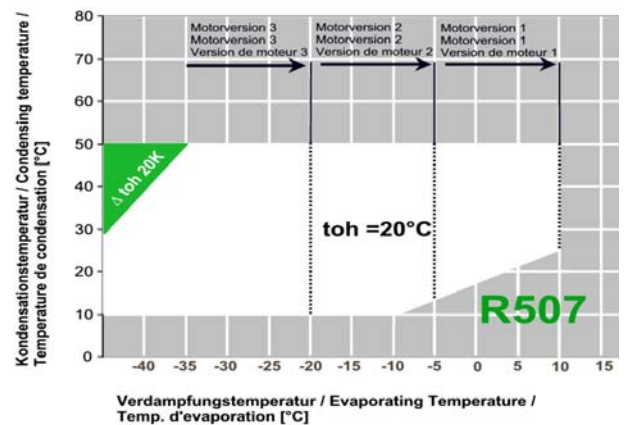
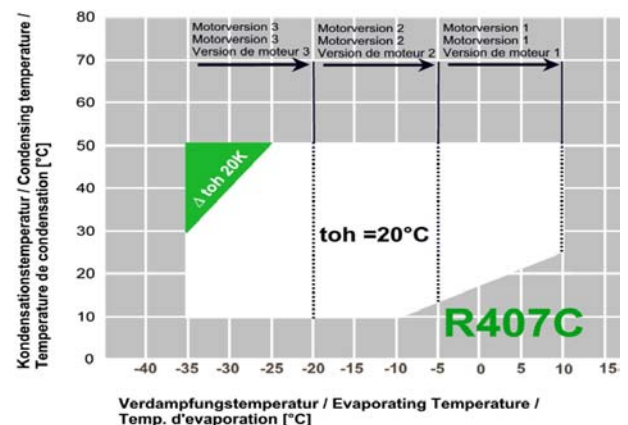
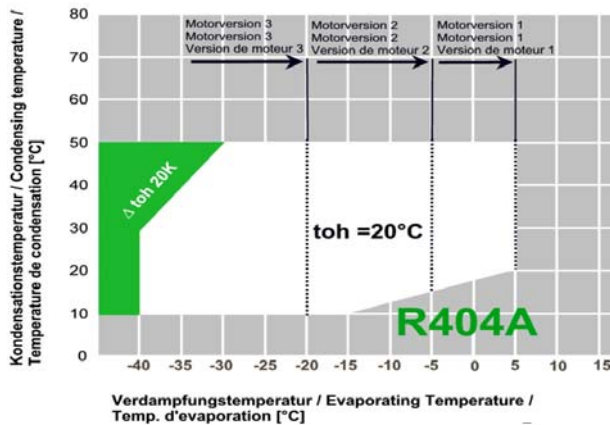
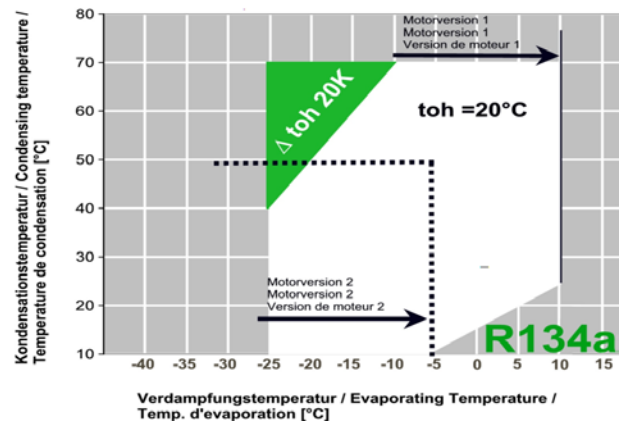
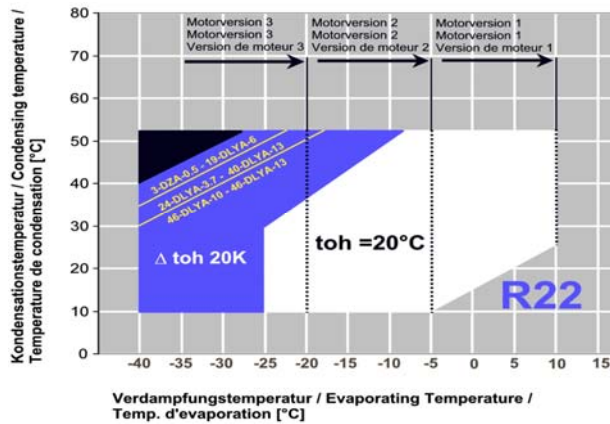
Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]											
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
24PI-DLRB-5.4	30	15							3.860	3.070	2.370	1.780	1.280	870
		35							7.870	6.260	4.840	3.630	2.610	1760
		50							10.930	8.690	6.720	5.040	3.620	2.450
		75							15.850	12.600	9.740	7.310	5.250	3.550
	40	15							3.230	2.540	1.950	1.450	1.050	730
		35							6.580	5.180	3.970	2.960	2.140	1490
		50							9.140	7.190	5.520	4.110	2.970	2.070
		75							13.250	10.430	8.000	5.960	4.310	3.000
	50	15							2.630	2.030	1.530	1.130	810	
		35							5.350	4.140	3.120	2.300	1.650	
		50							7.430	5.750	4.340	3.190	2.290	
		75							10.770	8.340	6.290	4.630	3.320	
24PI-DLRB-7.5	30	15				6.880	5.760	4.760	3.860	3.070	2.370	1.780	1.280	870
		35				14.010	11.740	9.700	7.870	6.260	4.840	3.630	2.610	1760
		50				19.460	16.310	13.470	10.930	8.690	6.720	5.040	3.620	2.450
		75				28.220	23.650	19.530	15.850	12.600	9.740	7.310	5.250	3.550
	40	15				5.920	4.920	4.020	3.230	2.540	1.950	1.450	1.050	730
		35				12.060	10.020	8.190	6.580	5.180	3.970	2.960	2.140	1490
		50				16.750	13.910	11.380	9.140	7.190	5.520	4.110	2.970	2.070
		75				24.290	20.170	16.500	13.250	10.430	8.000	5.960	4.310	3.000
	50	15				5.010	4.110	3.310	2.630	2.030	1.530	1.130	810	
		35				10.200	8.370	6.750	5.350	4.140	3.120	2.300	1.650	
		50				14.170	11.630	9.380	7.430	5.750	4.340	3.190	2.290	
		75				20.550	16.860	13.600	10.770	8.340	6.290	4.630	3.320	
24PI-DLRB-10	30	15	10.910	9.450	8.100	6.880	5.760	4.760	3.860	3.070	2.370	1.780	1.280	870
		35	22.230	19.250	16.510	14.010	11.740	9.700	7.870	6.260	4.840	3.630	2.610	1760
		50	30.880	26.740	22.930	19.460	16.310	13.470	10.930	8.690	6.720	5.040	3.620	2.450
		75	44.780	38.770	33.250	28.220	23.650	19.530	15.850	12.600	9.740	7.310	5.250	3.550
	40	15	9.600	8.260	7.030	5.920	4.920	4.020	3.230	2.540	1.950	1.450	1.050	730
		35	19.560	16.830	14.330	12.060	10.020	8.190	6.580	5.180	3.970	2.960	2.140	1490
		50	27.170	23.370	19.900	16.750	13.910	11.380	9.140	7.190	5.520	4.110	2.970	2.070
		75	39.400	33.890	28.860	24.290	20.170	16.500	13.250	10.430	8.000	5.960	4.310	3.000
	50	15	8.360	7.130	6.010	5.010	4.110	3.310	2.630	2.030	1.530	1.130	810	
		35	17.040	14.530	12.250	10.200	8.370	6.750	5.350	4.140	3.120	2.300	1.650	
		50	23.660	20.180	17.010	14.170	11.630	9.380	7.430	5.750	4.340	3.190	2.290	
		75	34.310	29.260	24.660	20.550	16.860	13.600	10.770	8.340	6.290	4.630	3.320	
30PI-DLRB-7.5	30	15							4.740	3.710	2.850	2.140	1.580	1.190
		35							9.650	7.570	5.800	4.360	3.230	2.420
		50							13.400	10.510	8.060	6.050	4.480	3.360
		75							19.430	15.240	11.690	8.770	6.500	4.870
	40	15							3.880	3.010	2.280	1.690	1.240	940
		35							7.900	6.130	4.640	3.440	2.530	1.920
		50							10.970	8.510	6.450	4.780	3.520	2.660
		75							15.910	12.340	9.350	6.930	5.100	3.860
	50	15							3.070	2.350	1.750	1.280	930	
		35							6.260	4.780	3.560	2.600	1.890	
		50							8.700	6.640	4.950	3.610	2.620	
		75							12.620	9.630	7.180	5.230	3.800	
30PI-DLRB-10	30	15				8.680	7.220	5.910	4.740	3.710	2.850	2.140	1.580	1.190
		35				17.680	14.710	12.030	9.650	7.570	5.800	4.360	3.230	2.420
		50				24.550	20.430	16.710	13.400	10.510	8.060	6.050	4.480	3.360
		75				35.600	29.620	24.230	19.430	15.240	11.690	8.770	6.500	4.870
	40	15				7.330	6.040	4.890	3.880	3.010	2.280	1.690	1.240	940
		35				14.930	12.300	9.960	7.900	6.130	4.640	3.440	2.530	1.920
		50				20.740	17.080	13.830	10.970	8.510	6.450	4.780	3.520	2.660
		75				30.070	24.770	20.050	15.910	12.340	9.350	6.930	5.100	3.860
	50	15				6.070	4.930	3.940	3.070	2.350	1.750	1.280	930	
		35				12.360	10.050	8.020	6.260	4.780	3.560	2.600	1.890	
		50				17.170	13.960	11.140	8.700	6.640	4.950	3.610	2.620	
		75				24.900	20.240	16.150	12.620	9.630	7.180	5.230	3.800	
30PI-DLRB-13	30	15	13.890	12.020	10.280	8.680	7.220	5.910	4.740	3.710	2.850	2.140	1.580	1.190
		35	28.300	24.480	20.940	17.680	14.710	12.030	9.650	7.570	5.800	4.360	3.230	2.420
		50	39.300	34.000	29.080	24.550	20.430	16.710	13.400	10.510	8.060	6.050	4.480	3.360
		75	56.990	49.300	42.170	35.600	29.620	24.230	19.430	15.240	11.690	8.770	6.500	4.870
	40	15	12.050	10.340	8.760	7.330	6.040	4.890	3.880	3.010	2.280	1.690	1.240	940
		35	24.550	21.060	17.860	14.930	12.300	9.960	7.900	6.130	4.640	3.440	2.530	1.920
		50	34.100	29.250	24.800	20.740	17.080	13.830	10.970	8.510	6.450	4.780	3.520	2.660
		75	49.450	42.410	35.960	30.070	24.770	20.050	15.910	12.340	9.350	6.930	5.100	3.860
	50	15	10.340	8.770	7.350	6.070	4.930	3.940	3.070	2.350	1.750	1.280	930	
		35	21.070	17.870	14.970	12.360	10.050	8.020	6.260	4.780	3.560	2.600	1.890	
		50	29.260	24.820	20.790	17.170	13.960	11.140	8.700	6.640	4.950	3.610	2.620	
		75	42.430	35.990	30.150	24.900	20.240	16.150	12.620	9.630	7.180	5.230	3.800	

R507 15-75Hz

Kälteleistung [Watt] / Refrigerating capacity / Puissance frigorifique

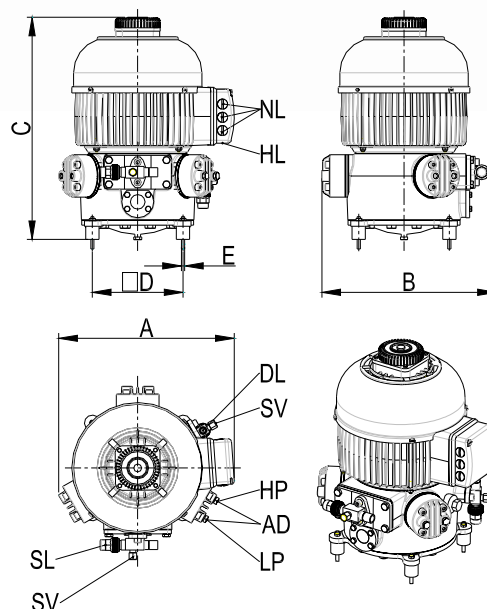
Type	tc [°C]		Verdampfungstemperatur/ Evaporating temperature/ Température d'évaporation [°C]											
			10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
35PI-DLRB-7.5	30	15							5.530	4.340	3.330	2.500	1.850	1.390
		35							11.270	8.840	6.780	5.080	3.770	2.830
		50							15.650	12.280	9.410	7.060	5.230	3.930
		75							22.690	17.810	13.640	10.240	7.580	5.700
	40	15							4.610	3.580	2.720	2.030	1.510	1.170
		35							9.390	7.290	5.540	4.130	3.080	2.390
		50							13.040	10.130	7.690	5.740	4.280	3.320
		75							18.910	14.690	11.150	8.320	6.210	4.810
	50	15							3.730	2.860	2.150	1.590	1.200	
		35							7.600	5.820	4.370	3.250	2.440	
		50							10.550	8.090	6.070	4.510	3.390	
		75							15.300	11.730	8.800	6.540	4.920	
35PI-DLRB-10	30	15				10.140	8.430	6.890	5.530	4.340	3.330	2.500	1.850	1.390
		35				20.650	17.180	14.050	11.270	8.840	6.780	5.080	3.770	2.830
		50				28.680	23.860	19.510	15.650	12.280	9.410	7.060	5.230	3.930
		75				41.590	34.600	28.290	22.690	17.810	13.640	10.240	7.580	5.700
	40	15				8.650	7.150	5.800	4.610	3.580	2.720	2.030	1.510	1.170
		35				17.630	14.570	11.820	9.390	7.290	5.540	4.130	3.080	2.390
		50				24.490	20.230	16.410	13.040	10.130	7.690	5.740	4.280	3.320
		75				35.510	29.330	23.790	18.910	14.690	11.150	8.320	6.210	4.810
	50	15				7.260	5.930	4.750	3.730	2.860	2.150	1.590	1.200	
		35				14.800	12.080	9.680	7.600	5.820	4.370	3.250	2.440	
		50				20.550	16.780	13.440	10.550	8.090	6.070	4.510	3.390	
		75				29.800	24.330	19.490	15.300	11.730	8.800	6.540	4.920	
35PI-DLRB-13	30	15	16.220	14.030	12.000	10.140	8.430	6.890	5.530	4.340	3.330	2.500	1.850	1.390
		35	33.050	28.590	24.460	20.650	17.180	14.050	11.270	8.840	6.780	5.080	3.770	2.830
		50	45.900	39.710	33.970	28.680	23.860	19.510	15.650	12.280	9.410	7.060	5.230	3.930
		75	66.560	57.580	49.260	41.590	34.600	28.290	22.690	17.810	13.640	10.240	7.580	5.700
	40	15	14.040	12.100	10.310	8.650	7.150	5.800	4.610	3.580	2.720	2.030	1.510	1.170
		35	28.610	24.660	21.000	17.630	14.570	11.820	9.390	7.290	5.540	4.130	3.080	2.390
		50	39.740	34.250	29.160	24.490	20.230	16.410	13.040	10.130	7.690	5.740	4.280	3.320
		75	57.620	49.660	42.280	35.510	29.330	23.790	18.910	14.690	11.150	8.320	6.210	4.810
	50	15	12.170	10.380	8.750	7.260	5.930	4.750	3.730	2.860	2.150	1.590	1.200	
		35	24.790	21.150	17.820	14.800	12.080	9.680	7.600	5.820	4.370	3.250	2.440	
		50	34.430	29.370	24.750	20.550	16.780	13.440	10.550	8.090	6.070	4.510	3.390	
		75	49.920	42.590	35.890	29.800	24.330	19.490	15.300	11.730	8.800	6.540	4.920	
40PI-DLRB-10	30	15							6.200	4.850	3.710	2.780	2.070	1.580
		35							12.630	9.890	7.560	5.670	4.220	3.230
		50							17.540	13.730	10.500	7.870	5.860	4.480
		75							25.430	19.910	15.230	11.410	8.500	6.500
	40	15							5.180	4.010	3.040	2.270	1.710	1.370
		35							10.550	8.170	6.180	4.620	3.480	2.790
		50							14.650	11.350	8.590	6.420	4.840	3.880
		75							21.240	16.460	12.460	9.310	7.020	5.630
	50	15							4.220	3.230	2.420	1.790	1.350	
		35							8.590	6.570	4.920	3.650	2.760	
		50							11.930	9.130	6.840	5.070	3.830	
		75							17.300	13.240	9.920	7.350	5.550	
40PI-DLRB-13	30	15				11.410	9.490	7.750	6.200	4.850	3.710	2.780	2.070	1.580
		35				23.250	19.320	15.780	12.630	9.890	7.560	5.670	4.220	3.230
		50				32.290	26.840	21.920	17.540	13.730	10.500	7.870	5.860	4.480
		75				46.820	38.920	31.780	25.430	19.910	15.230	11.410	8.500	6.500
	40	15				9.770	8.060	6.530	5.180	4.010	3.040	2.270	1.710	1.370
		35				19.900	16.430	13.310	10.550	8.170	6.180	4.620	3.480	2.790
		50				27.640	22.820	18.480	14.650	11.350	8.590	6.420	4.840	3.880
		75				40.080	33.090	26.800	21.240	16.460	12.460	9.310	7.020	5.630
	50	15				8.210	6.710	5.380	4.220	3.230	2.420	1.790	1.350	
		35				16.730	13.670	10.960	8.590	6.570	4.920	3.650	2.760	
		50				23.240	18.990	15.220	11.930	9.130	6.840	5.070	3.830	
		75				33.700	27.540	22.070	17.300	13.240	9.920	7.350	5.550	
46PI-DLRB-13	30	15							7.230	5.640	4.290	3.220	2.420	1.910
		35							14.720	11.480	8.750	6.550	4.920	3.890
		50							20.450	15.950	12.150	9.100	6.840	5.400
		75							29.650	23.130	17.620	13.200	9.920	7.830
	40	15							6.000	4.640	3.520	2.630	1.980	1.590
		35							12.220	9.460	7.170	5.350	4.030	3.230
		50							16.970	13.140	9.960	7.430	5.600	4.490
		75							24.610	19.050	14.440	10.770	8.120	6.510
	50	15							4.880	3.740	2.800	2.080	1.570	
		35							9.940	7.620	5.710	4.230	3.200	
		50							13.810	10.580	7.930	5.880	4.440	
		75							20.020	15.340	11.500	8.530	6.440	

Einsatzgrenzen Operation limits Champs d'application



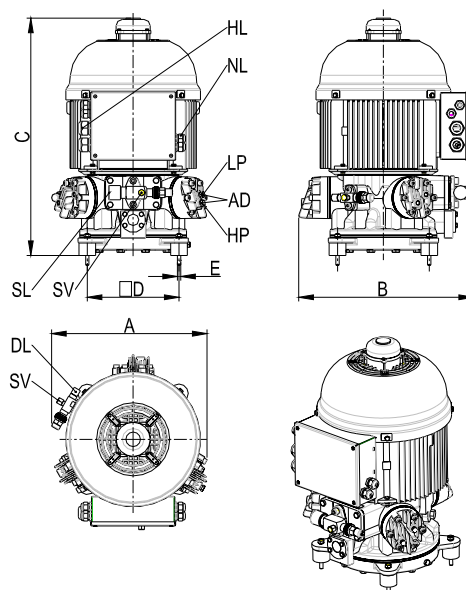
					Elektrische Daten electrical data caractéristiques électriques				Kopfkühler Head fan Ventilateur de tête								
Typ	Hub- volumen [1450 min ⁻¹]	Zylinder- anzahl	Motor (Nominal)		Stromart	Frequenz- bereich	Max. Betriebs- strom [400/3/75]	Anlaufstrom (Rotor blockiert)	Motor (Nominal)	Max. Betriebs- strom [230/1/50]	Saugleitung	Druckleitung	Öl- füllung	Stator- eisen- länge	Gewicht		
Type	Swept volume [1450 min ⁻¹]	Number of cylinders	Motor (nominal)		Electrical supply	Frequency range	Max. working current [400/3/75]	Starting current (rotor blocked)	Motor (nominal)	Max. working current [230/1/50]	Suction line	Discharge line	Oil charge	Stack- length of the stator	Weight		
Modèle	Volume balayé [1450 min ⁻¹]	Nombre de cylindres	Moteur (nominal)		Genre de courant	Zone de Contrôle Prolongée	Courant de service max. [400/3/75]	Courant de démarrage (roteur bloqué)	Moteur (nominal)	Courant de service max. [230/1/50]	Conduite d'aspiration	Conduite de refoulement	Charge d'huile	Hauteu r de statau	Poids		
	m ³ /h		PS	kW	400V / 3Ph / 75Hz	Hz	A	A	W	A	ømm	inch	ømm	inch	l	mm	kg
7 -DLR - 1.5	7,22	3	150	1,10		35 - 75	5,6	6,1	10	0,23	16	5/8	12	1/2	0,7	60	40,0
7 -DLR - 2.2	7,22	3	2,25	1,65		35 - 75	9,3	9,8	10	0,23	16	5/8	12	1/2	0,7	60	40,0
7 -DLR - 3	7,22	3	3,00	2,20		35 - 75	11,5	12,2	30	0,33	16	5/8	12	1/2	0,7	60	58,0
10 -DLR - 2.2	9,84	3	2,25	1,65		35 - 75	9,3	9,8	10	0,23	16	5/8	12	1/2	0,7	60	40,0
10 -DLR - 3	9,84	3	3,00	2,20		35 - 75	11,5	12,2	30	0,33	16	5/8	12	1/2	0,7	60	60,0
10 -DLR - 3.5	9,84	3	3,50	2,60		35 - 75	12,8	13,3	30	0,33	16	5/8	12	1/2	0,7	60	60,0
14 -DLR - 3	14,35	3	3,00	2,20		35 - 75	11,5	12,2	30	0,33	28	11/8	16	5/8	1,5	60	70,0
14 -DLR - 3.5	14,35	3	3,50	2,60		35 - 75	12,8	13,3	30	0,33	28	11/8	16	5/8	1,5	60	70,0
14PI -DLR - 3.5	14,35	3	3,50	2,60		15 - 75	12,8	13,3	30	0,33	28	11/8	16	5/8	1,5	60	75,0
14 -DLR - 5	14,35	3	5,00	3,70		35 - 75	17,6	18,1	30	0,33	28	11/8	16	5/8	1,5	80	75,0
14PI -DLR - 5	14,35	3	5,00	3,70		15 - 75	17,6	18,1	30	0,33	28	11/8	16	5/8	1,5	80	80,0
19 -DLR - 3.5	19,47	3	3,50	2,60		35 - 75	12,8	13,3	30	0,33	28	11/8	16	5/8	1,5	60	70,0
19 -DLR - 5	19,47	3	5,00	3,70		35 - 75	17,6	18,1	30	0,33	28	11/8	16	5/8	1,5	80	75,0
19PI -DLR - 5	19,47	3	5,00	3,70		15 - 75	17,6	18,1	30	0,33	28	11/8	16	5/8	1,5	80	80,0
19 -DLR - 6	19,47	3	6,00	4,40		35 - 75	20,0	20,5	30	0,33	28	11/8	16	5/8	1,5	80	75,0
19 -DLR - 7.5	19,47	3	7,50	5,50		35 - 75	21,6	22,1	30	0,33	28	11/8	16	5/8	1,5	90	80,0
19PI -DLR - 7.5	19,47	3	7,50	5,50		15 - 75	21,6	22,1	30	0,33	28	11/8	16	5/8	1,5	90	85,0
24 -DLR - 5.4	23,57	3	5,40	4,00		35 - 75	19,2	19,7	30	0,33	28	11/8	16	5/8	1,5	80	76,0
24 -DLR - 6	23,57	3	6,00	4,40		35 - 75	20,0	20,5	30	0,33	28	11/8	16	5/8	1,5	80	75,0
24 -DLR - 7.5	23,57	3	7,50	5,50		35 - 75	21,6	22,1	30	0,33	28	11/8	16	5/8	1,5	90	78,0
24PI -DLR - 7.5	23,57	3	7,50	5,50		15 - 75	21,6	22,1	30	0,33	28	11/8	16	5/8	1,5	90	85,0
24 -DLR - 10	23,57	3	10,00	7,40		35 - 75	32,8	33,3	30	0,33	28	11/8	16	5/8	1,5	110	89,0
24PI -DLR - 10	23,57	3	10,00	7,40		15 - 75	32,8	33,3	30	0,33	28	11/8	16	5/8	1,5	110	94,0
30L -DLR - 7.5	29,94	3	7,50	5,50		35 - 75	21,6	22,1	30	0,33	35	13/8	28	11/8	2,7	90	99,0
30L -DLR - 10	29,94	3	10,00	7,40		35 - 75	32,8	33,3	30	0,33	35	13/8	28	11/8	2,7	110	111,0
30PI -DLR - 10	29,94	3	10,00	7,40		15 - 75	32,8	33,3	30	0,33	35	13/8	28	11/8	2,7	110	116,0
30L -DLR - 13	29,94	3	13,00	9,60		35 - 75	36,8	37,3	30	0,33	35	13/8	28	11/8	2,7	130	115,0
30PI -DLR - 13	29,94	3	13,00	9,60		15 - 75	36,8	37,3	30	0,33	35	13/8	28	11/8	2,7	130	120,0
35L -DLR - 7.5	34,97	3	7,50	5,50		35 - 75	21,6	22,1	30	0,33	35	13/8	28	11/8	2,7	90	100,0
35L -DLR - 10	34,97	3	10,00	7,40		35 - 75	32,8	33,3	30	0,33	35	13/8	28	11/8	2,7	110	110,0
35PI -DLR - 10	34,97	3	10,00	7,40		15 - 75	32,8	33,3	30	0,33	35	13/8	28	11/8	2,7	110	115,0
35L -DLR - 13	34,97	3	13,00	9,60		35 - 75	36,8	37,3	30	0,33	35	13/8	28	11/8	2,7	130	113,0
35PI -DLR - 13	34,97	3	13,00	9,60		15 - 75	36,8	37,3	30	0,33	35	13/8	28	11/8	2,7	130	120,0
40L -DLR - 7.5	39,40	3	7,50	5,50		35 - 75	21,6	22,1	30	0,33	35	13/8	28	11/8	2,7	90	102,0
40L -DLR - 10	39,40	3	10,00	7,40		35 - 75	32,8	33,3	30	0,33	35	13/8	28	11/8	2,7	110	110,0
40PI -DLR - 10	39,40	3	10,00	7,40		15 - 75	32,8	33,3	30	0,33	35	13/8	28	11/8	2,7	110	115,0
40L -DLR - 13	39,40	3	13,00	9,60		35 - 75	36,8	37,3	30	0,33	35	13/8	28	11/8	2,7	130	113,0
40PI -DLR - 13	39,40	3	13,00	9,60		15 - 75	36,8	37,3	30	0,33	35	13/8	28	11/8	2,7	130	118,0
46L -DLR - 10	46,01	3	10,00	7,40		35 - 75	32,8	33,3	30	0,33	35	13/8	28	11/8	2,7	110	110,0
46PI -DLR - 10	46,01	3	10,00	7,40		15 - 75	32,8	33,3	30	0,33	35	13/8	28	11/8	2,7	110	115,0
46L -DLR - 13	46,01	3	13,00	9,60		35 - 75	36,8	37,3	30	0,33	35	13/8	28	11/8	2,7	130	116,0
46PI -DLR - 13	46,01	3	13,00	9,60	15 - 75	36,8	37,3	30	0,33	35	13/8	28	11/8	2,7	130	121,0	

7-DLR-1.5 bis/to/à 10-DLR-3.5



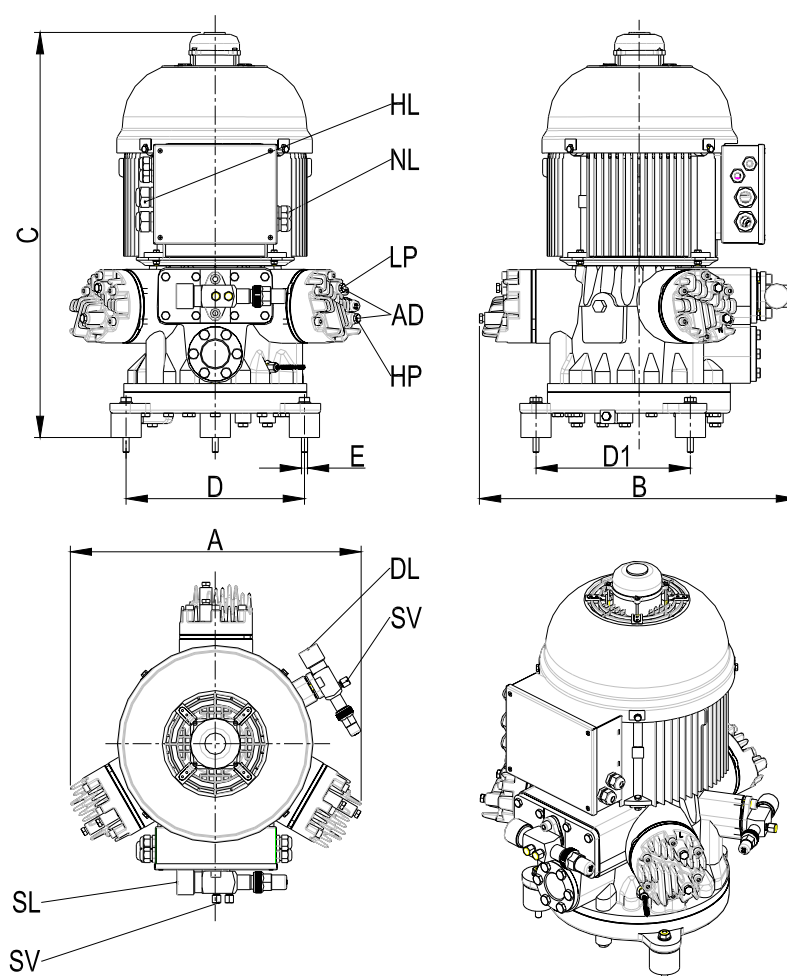
TYPE	A mm	B mm	C mm	D mm	E mm	SL ø"	DL ø"	NL	HL	AD NPT"
7-DLR-1.5	335	330	415	170	M 6	5/8	1/2	PG 9	PG 16	1/8
7-DLR-2.2	335	330	415	170	M 6	5/8	1/2	PG 9	PG 16	1/8
7-DLR-3	335	405	575	170	M 6	5/8	1/2	M 16	M 25	1/8
10-DLR-2.2	335	330	415	170	M 6	5/8	1/2	PG 9	PG 16	1/8
10-DLR-3	335	405	575	170	M 6	5/8	1/2	M 16	M 25	1/8
10-DLR-3.5	335	405	575	170	M 6	5/8	1/2	M 16	M 25	1/8

14-DLR-3 bis/to/à 24PI-DLR-10



TYPE	A mm	B mm	C mm	D mm	E mm	SL ø"	DL ø"	NL	HL	AD NPT"
14-DLR-3	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
14-DLR-3.5	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
14PI-DLR-3.5	435	410	560	220	M 8	1 1/8	5/8	M 16	M 25	1/8
14-DLR-5	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
14PI-DLR-5	435	410	560	220	M 8	1 1/8	5/8	M 16	M 25	1/8
19-DLR-3.5	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
19-DLR-5	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
19PI-DLR-5	435	410	560	220	M 8	1 1/8	5/8	M 16	M 25	1/8
19-DLR-6	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
19-DLR-7.5	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
19PI-DLR-7.5	435	410	560	220	M 8	1 1/8	5/8	M 16	M 25	1/8
24-DLR-5.4	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
24-DLR-6	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
24-DLR-7.5	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
24PI-DLR-7.5	435	410	560	220	M 8	1 1/8	5/8	M 16	M 25	1/8
24-DLR-10	435	410	555	220	M 8	1 1/8	5/8	M 16	M 25	1/8
24PI-DLR-10	435	410	560	220	M 8	1 1/8	5/8	M 16	M 25	1/8

30L-DLR-7.5 bis/to/à 46PI-DLR-13



TYPE	A mm	B mm	C mm	D mm	D1 mm	E mm	SL ø"	DL ø"	NL	HL	AD NPT"
30L-DLR-7.5	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
30L-DLR-10	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
30L-DLR-13	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
30PI-DLR-10	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
30PI-DLR-13	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
35L-DLR-7.5	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
35L-DLR-10	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
35L-DLR-13	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
35PI-DLR-10	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
35PI-DLR-13	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
40L-DLR-7.5	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
40L-DLR-10	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
40L-DLR-13	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
40PI-DLR-10	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
40PI-DLR-13	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
46L-DLR-10	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
46L-DLR-13	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
46PI-DLR-10	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8
46PI-DLR-13	490	530	650	294	255	M 10	13/8	1 1/8	M 16	M 25	1/8

TIPS FÜR DEN PLANER UND ANLAGENBAUER:

- Die Rückschlagventile in der Anlage müssen auf die variable Leistung der Verdichter ausgelegt werden, da es sonst zu einer Lärmbelästigung durch klappernde Rückschlagventile kommen kann.
- Der Einbau von Ölabscheidern wird auf das Dringendste empfohlen.
- Der Kondensator muß mit einer Kondensator-druckregelung ausgestattet werden, da sonst die Druckregelung des Frequenzumformers sowie die gesamte Kälteautomatik der Anlage instabil arbeitet.
- Die Flüssigkeitsmagnetventile in der Anlage müssen auf die variable Leistung der Kompressoren ausgelegt werden.
- Die Dimensionierung der Kältemittelleitungen ist auf die variable Gasgeschwindigkeit der drehzahlgeregelten Verdichter auszulegen.
- In der Saugleitung die Ölsäcke nicht vergessen.
- Leitungen so dimensionieren, daß bei niedrigster Verdichterleistung eine 100%ige Ölrückführung gegeben ist.
- Der Wicklungsschutz der Verdichter muß unbedingt in die Sicherheitskette eingebunden werden.
- Kühlstellenleistungsregelungen (Heißgas-bypass, Saugdrossel, Verdampfungs-konstantdruckregler) führen zu falschen Betriebszuständen am Frequenzumformer.
- Je nach Anwendungsbereichen können in bestimmten Frequenzbereichen Resonanzschwingungen im Verdichter und Rohrleitungen auftreten. Die Prüfung erfolgt durch einen Test unter realen Bedingungen und muß bei Inbetriebnahme des Verdichters durchgeführt werden.

RECOMMENDATIONS FOR PLANNING AND BUILDING UNITS:

- The check valves inside the plant have to be dimensioned according to the variable capacity of the compressors. Otherwise clattering check valves may cause noise.
- It is recommended to use oil separators.
- The condenser has to be equipped with a condenser pressure control device, since otherwise the pressure regulation of the frequency converter as well as the entire refrigerating mechanism of the unit will work unstable.
- The liquid magnet valves of the unit have to be dimensioned according to the variable capacity of the compressor.
- The refrigerant lines have to be dimensioned according to the variable gas velocity of speed controlled compressor.
- Do not forget the suction line of the oil sacks.
- Lines have to be dimensioned in such a way that 100% of the oil is returned at lowest compressor capacities.
- It is absolutely necessary to include the winding protection of the compressor in the safety circuit.
- Capacity regulation (such as hot gas by pass, suction throttle, evaporation constant pressure control) result in incorrect operating states at the frequency converter.
- Depending on the application, resonance vibration in the compressor and in the lines may occur at certain frequency ranges. A check may be carried out by a test under real conditions when the compressor is put into operation.

CONSEILS POUR LE CONCEPTEUR OU L'INSTALLATEUR:

- Les clapets anti-retour de l'installation doivent être dimensionnés par rapport à la puissance maximale (par ex. à 75Hz). Sinon les clapets risquent de claquer trop fort et d'être plus bruyants.
- L'installation d'un séparateur d'huile est vivement recommandée !
- La pression du condenseur doit être régulée sinon la régulation de BP par variation de vitesse, tout comme l'installation frigorifique en général sera instable.
- Les électrovannes liquides doivent être dimensionnées selon la puissance variable des compresseurs.
- Le dimensionnement des diamètres de conduites frigorifiques doit être fonction de la vitesse variable du fluide.
- Ne pas oublier les pièges à huile sur la conduite d'aspiration.
- Dimensionner les conduites de retour d'huile de façon à ce que lorsque le compresseur tourne à son régime le plus bas, le retour d'huile s'effectue correctement.
- La protection thermique des moteurs doivent être prises en compte dans la chaîne de sécurité des compresseurs.
- La régulation de puissance des postes de froid (ex. bypass gaz chaud, régulateur de pression sur évaporateur) entraîne des perturbations sur le variateur de vitesse.
- Selon le type d'installation, certaines plages de fréquence peuvent entraîner des problèmes de vibration dans les compresseurs ou dans les conduites. Le contrôle doit s'effectuer en conditions réelles lorsque le compresseur est mis en route.



VCC - frequenzgeregelte Verdichtersätze 15 - 75 Hz

VCC - frequency controlled Compressor Set 15 - Hz

VCC - Groupes de Compresseur fréquence variable 15 - 75Hz



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