

Model / Modelo / Modell / Modèle	Power / Potencia / Leistung / Puissance hp	Cpr cooling / Enfriamiento / Kühlung / Refroidissement	Displacement / Cilindrada / Hubraum / Cylindrée cm ³	Refrigerating capacity Capacidad frigorífica Kälteleistung Production frigorifique <i>COP_{in}W/W</i> <i>1 W = 0,864 kcal/h = 3,415 BTU/h</i>						Expansion / Expansión / Einspritzung / Détante	Oil / Aceite / Oel / Huile cm ³	Weight / Peso / Gewicht / Poids kg	Motor / Motor / Moteur	Starting / Arranque / Anlauf / Démarrage	Design / Diseño / Ausstattung / Configuration
				Evaporating temp. / Temp. de evaporación / Verdampfungstemp. / Temp. d'évaporation °C											

HMBP																
R22 50 Hz			CECOMAF (W)						ASHRAE		R22 50 Hz					
			-20	-15	5		10	7.2								
					W	COP		kcal/h	COP							
220-240V 50Hz ~I																
L40TNa	1/6	F	4.04	149	194	458	1.68	544	460	1.91	C	300	9.5	RSIR	P	Lc
L40TNb	1/6	F	4.04	149	194	458	1.68	544	460	1.91	C-V	300	9.5	CSIR	R	Lc
L45TN	1/5	F	4.50	156	206	497	1.68	592	500	1.91	C-V	300	9.5	CSIR	R	Lc
L57TNa	1/5	F	5.67	194	255	612	1.72	728	615	1.93	C	300	9.5	RSIR	P	Lc
L57TNb	1/5	F	5.67	194	255	612	1.72	728	615	1.93	C-V	300	9.5	CSIR	R	Lc
L76TN	3/8	F	7.57	268	347	816	1.72	971	820	1.95	C-V	470	10.0	CSIR	R	Ld
L88TN	3/8	F	8.85	322	416	975	1.74	1161	980	1.97	C-V	400	10.6	CSIR	R	Ld
PI2TN	1/2	F	12.00	412	537	1312	2.00	1574	1323	2.26	C-V	400	12.3	CSR	R	Pd
S22TN	7/8	F	21.77	645	890	2460	2.28	3000	2500	2.60	C-V	887	22.7	CSR	R	Sc
S26TN	I	F	25.93	857	1182	3027	2.20	3623	3051	2.50	C-V	887	22.7	CSR	R	Sd
200-220/230V 50/60Hz ~I																
L40TN	1/6	F	4.04	149	194	458	1.70	544	460	1.91	C-V	300	9.5	CSIR	R	Lc
L45TN	1/5	F	4.50	170	216	516	1.72	618	520	1.95	C-V	300	9.5	CSIR	R	Lc
L57TN	1/5	F	5.67	202	262	626	1.76	748	630	1.98	C-V	400	9.5	CSIR	R	Lc
L76TN	3/8	F	7.57	272	348	833	1.80	999	840	2.04	C-V	470	10.0	CSIR	R	Ld
L88TN	3/8	F	8.85	322	416	975	1.75	1161	980	1.97	C-V	400	10.6	CSIR	R	Ld

HMBP																
R22 60 Hz			CECOMAF (W)						ASHRAE		R22 60 Hz					
			-20	-15	5		10	7.2								
					W	COP		kcal/h	COP							
230V 60Hz ~I																
PI2TN	1/2	F	12.00	494	644	1575	1.95	1889	1588	2.23	C-V	400	12.3	CSR	R	Pd
S26TN	I	F	25.93	1027	1418	3633	2.12	4347	3661	2.36	C-V	887	22.7	CSR	R	Sd
200-220/230V 50/60Hz ~I																
L40TN	1/6	F	4.04	179	233	550	1.67	653	552	1.89	C-V	300	9.5	CSIR/RSIR	R	Lc
L45TN	1/5	F	4.50	204	260	619	1.69	742	624	1.91	C-V	300	9.5	CSIR	R	Lc
L57TN	1/5	F	5.67	243	314	751	1.70	897	756	1.91	C-V	400	9.5	CSIR/RSIR	R	Lc
L76TN	3/8	F	7.57	327	417	1000	1.79	1199	1008	2.02	C-V	470	10.0	CSIR	R	Ld
L88TN	3/8	F	8.85	387	499	1170	1.69	1393	1176	1.90	C-V	400	10.6	CSIR	R	Ld
I15-I27V 60Hz ~I																
L76TN	3/8	F	7.57	327	417	1000	1.79	1199	1008	2.02	C-V	470	10.2	CSIR	R	Ld
L88TN	3/8	F	8.85	387	499	1170	1.69	1393	1176	1.90	C-V	400	10.6	CSIR	R	Ld
I15V 60Hz ~I																
PI2TN	1/2	F	12.00	494	644	1575	1.94	1889	1588	2.20	C-V	400	12.0	CSR	R	Pd
I00/I15V 50/60Hz ~I																
RL90TE	3/8	F	9.09	527	665	1470	1.72	1732	1470	1.93	C	400	10.8	CSIR	R	Ld

HBP																
R22 50 Hz			CECOMAF (W)						ASHRAE		R22 50 Hz					
			-15	-5	5		10	7.2								
					W	COP		kcal/h	COP							
200-220/230V 50/60Hz ~I																
XI6TN	3/4	F	16.03	765	1231	1785	2.04	2094	1782	2.30	C-V	500	17.8	CSR	R	Xd
XI8TN	3/4	F	18.40	895	1436	2079	2.11	2438	2075	2.40	C-V	500	17.8	CSR	R	Xd

Model / Modelo Modell / Modèle	Power / Potencia Leistung / Puissance hp	Cpr cooling / Enfriamiento Kühlung / Refroidissement	Displacement / Cilindrada Hubraum / Cylindrée cm ³	Refrigerating capacity Capacidad frigorífica Kälteleistung Production frigorifique COP in WW <i>I W = 0,864 kcal/h = 3,415 BTU/h</i> Evaporating temp. / Temp. de evaporación Verdampfungstemp. / Temp. d'évaporation °C							Expansion / Expansión Einspritzung / Détante	Oil / Aceite Oel / Huile cm ³	Weight / Peso Gewicht / Poids kg	Motor / Motor Motor / Moteur	Starting / Arranque Anlauf / Démarrage	Design / Diseño Ausstattung Configuration
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HBP																
R22 60 Hz	CECOMAF (W)								ASHRAE		R22 60 Hz					
	-15	-5	5		10	7.2										
			W	COP		kcal/h	COP									
200-220/230V 50/60Hz ~I																
X16TN	5/8	F	16.03	905	1449	2085	2.00	2437	2242	2.57	C-V	500	17.8	CSR	R	Xd
X18TN	3/4	F	18.40	1056	1684	2426	2.12	2840	2420	2.41	C-V	500	17.8	CSR	R	Xd

AC																
R22 50 Hz	CECOMAF (W)								ASHRAE		R22 50 Hz					
	-10	-5	5		10	7.2										
			W	COP		kcal/h	COP									
220-240V 50Hz ~I																
S19UP/S19UN	7/8	F	18.64	915	1244	2062	2.17	2552	2110	2.50	C-V	887	20.4	CSR/PSC	R	Sc
S22UP/S22UN	I	F	21.77	1088	1475	2397	2.06	2931	2440	2.36	C-V	887	20.5	CSR/PSC	R	Sc
S24UP/S24UN	I 1/8	F	23.95	1352	1803	2823	2.21	3390	2851	2.53	C-V	887	20.5	CSR/PSC	R	Sc
S26UP/S26UN	I 1/4	F	26.16	1550	2005	3128	2.21	3796	3172	2.54	C-V	887	20.5	CSR/PSC	R	Sd
S30UP/S30UN	I 3/8	F	29.95	1751	2207	3474	2.20	4283	3546	2.54	C-V	887	22.7	CSR/PSC	R	Sd
S30UP/S30UN	I 3/8	F	29.95	1925	2269	3463	2.20	4311	3546	2.54	C-V	887	22.7	CSR/PSC	R	Sd
S33UP/S33UN	I 1/2	F	32.71	2004	2544	3903	2.12	4721	3951	2.42	C-V	887	22.7	CSR/PSC	R	Sd
S33UP/S33UN	I 1/2	F	32.71	2004	2544	3903	2.18	4721	3951	2.49	C-V	887	22.7	CSR/PSC	R	Sd
S34UP/S34UN	I 5/8	F	34.42	2230	2770	4160	2.15	5008	4201	2.44	C-V	887	22.7	CSR/PSC	R	Sd
S34UP/S34UN	I 5/8	F	34.42	2230	2770	4160	2.15	5008	4201	2.44	C-V	887	22.7	CSR/PSC	R	Sd
200-220/230V 50/60Hz ~I																
S19UP/S19UN	7/8	F	18.64	915	1244	2062	1.97	2552	2110	2.28	C-V	887	20.4	CSR/PSC	R	Sc
S22UP/S22UN	I	F	21.77	1088	1475	2397	2.11	2931	2440	2.43	C-V	887	20.5	CSR/PSC	R	Sc
S24UP/S24UN	I 1/8	F	23.95	1352	1803	2823	2.03	3390	2851	2.31	C-V	887	20.5	CSR/PSC	R	Sc
S26UP/S26UN	I 1/4	F	26.16	1550	2005	3128	2.18	3796	3172	2.49	C-V	887	20.5	CSR/PSC	R	Sd
200-220V 50Hz ~I																
S33UP/S33UN	I 1/2	F	32.71	2004	2544	3903	2.18	4721	3951	2.49	C-V	887	22.7	CSR/PSC	R	Sd
S34UP/S34UN	I 5/8	F	34.42	2230	2770	4160	2.20	5008	4201	2.49	C-V	887	22.7	CSR/PSC	R	Sd

AC																
R22 60 Hz	CECOMAF (W)								ASHRAE		R22 60 Hz					
	-10	-5	5		10	7.2										
			W	COP		kcal/h	COP									
230V 60Hz ~I																
S33UP/S33UN	I 1/2	F	32.71	2405	3052	4683	1.96	5665	4741	2.24	C-V	887	22.7	CSR/PSC	R	Sd
S34UP/S34UN	I 5/8	F	34.42	2676	3324	4992	2.09	6010	5041	2.36	C-V	887	22.7	CSR/PSC	R	Sd
208-230V 60Hz ~I																
S26UP/S26UN	I 1/4	F	26.16	1859	2401	3750	2.16	4557	3805	2.46	C-V	887	20.5	CSR/PSC	R	Sd
200-220/230V 50/60Hz ~I																
S19UP/S19UN	7/8	F	18.64	1099	1492	2475	2.20	3062	2532	2.54	C-V	887	20.4	CSR/PSC	R	Sc
S22UP/S22UN	I	F	21.77	1306	1770	2877	2.11	3518	2929	2.42	C-V	887	20.5	CSR/PSC	R	Sc
S24UP/S24UN	I 1/8	F	23.95	1622	2164	3387	2.23	4068	3421	2.52	C-V	887	20.5	CSR/PSC	R	Sc
S26UP/S26UN	I 1/4	F	26.16	1862	2406	3753	2.21	4553	3805	2.53	C-V	887	20.5	CSR/PSC	R	Sd

$$R22: W (C) \times 0.94 = \text{kcal/h (D)}$$

$$W \times 0.86 = \text{kcal/h}$$

Testing cycle conditions	CECOMAF		ASHRAE	
	LBP (A)	HMBP (C)	LBP (B)	HMBP (D)
Condensing temperature	55		55	55
Liquid temperature	55		32	46
Superheating temperature	32		32	35
Suction temperature	32		32	35
Ambient temperature	32		32	35

F	OC	S	C	V	P	R
Fan cooled Ventilación forzada Zwangsbelüftung Ventilation forcée	Oil cooler Enfriador de aceite Ölkühler Refrroidisseur d'huile	Static Estático Statische Belüftung Ventilation naturelle	Capillar y tube Tubo capilar Kapillarrohr Tubo capillaire	Expansion valve Válvula de expansión Expansionsventil Détendeur	PTC	Relay Relé Relais Relais

S and R compressor's ranges can be provided with tube or valve / Los compresores de las gamas S y R pueden ser suministrados con tubo o con válvula
 Verdichter der Reihen S und R sind erhältlich in Version mit Ventil oder mit Kapillarrohr / Les compresseurs des gammes S et R peuvent être fournis avec option
 tube ou option valve

