



Sintesis Prime RTAF Air-Cooled Chiller



Sintesis Prime RTAF Air-Cooled Chiller



Cooling capacity: 300-2090 kW

Heating capacity: -----

- Low energy consumption: high full (EEER) and part load efficiencies
- Trane screw compressor with Variable Volume Index (XSE) to reach remarkable efficiency levels
- Reduced refrigerant charge through microchannel condenser coils and optimized refrigeration circuit
- Highly configurable to meet specific performance requirements and budget needs
- Wide operating map: airside and waterside
- Trane Adaptive Frequency™ Drive on compressors of HSE/HSS versions along with electronically commutated condenser fans on XE, HSE and HSS versions



Smart, versatile, reliable

Trane RTAF air-cooled chillers are built on the Sintesis™ platform, which means they share many of the same components and technologies, all with a proven reliability record.

With fixed, variable speed or Variable Volume Index compressors with permanent magnet motor, Sintesis™ Prime units are ideal whatever your comfort or process application requirements. The RTAF chillers operate with R1234ze, R513A or R134a refrigerants providing outstanding flexibility, ideal for data centers and applications with negative brine temperature.

The RTAF offers optimized performance that meets and exceeds EU Ecodesign thresholds. It is also available in a short length version for reduced footprint installations.

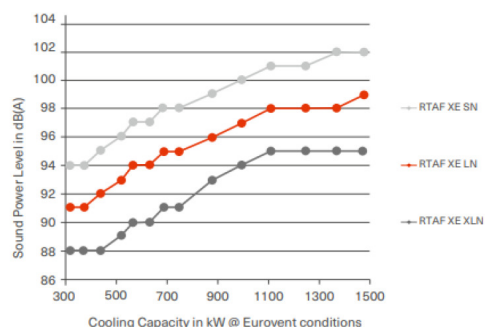


System efficiency with energy saving solutions

RTAF chillers can be equipped with an integrated free cooling system, significantly lowering your operating costs and reducing wear and tear of main system components.

RTAF chillers also offer a total or partial heat recovery option to reclaim waste heat and provide your building with hot water.

All Trane Sintesis™ chillers are fully compatible with LonTalk®, BACnet® and Modbus, allowing for easy integration with BMS systems.



Quiet operation

With variable volume screw compressors, variable speed fans and insulation options designed to reduce sound further, RTAF chillers are an ideal choice to keep your building cool - quietly and efficiently.

Range description

- Model RTAF Prime is available in seven efficiency versions: SE, HE and XE in fixed compressor speed; HSS, HSE, XSS and XSE in variable speed. These can be coupled with three low noise packages (SN, LN, XLN). You can also choose between AC and EC fans.

Technical specifications

Cooling capacity	300-2090 kW
Heating capacity	-----
Eurovent certification	●
ErP Certification	●
Refrigerants	R1234ze R513A R134a
Operating mode	Cooling only
Energy saving	Heat recovery Free cooling Adaptive Frequency™ Drive
Compressor	Screw

Product data

RTAF HSE - XLN Extra Low Noise - R1234ze

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	η_{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSE G XLN	327,4	97,7	3,35	4,51	177,0	91	R1234ze(E)	5645	2200	2584	4280
RTAF 100 HSE G XLN	359,1	108,2	3,32	4,55	179,0	91	R1234ze(E)	5645	2200	2584	4305
RTAF 110 HSE G XLN	394,7	120,3	3,28	4,60	181,0	92	R1234ze(E)	5645	2200	2584	4305
RTAF 120 HSE G XLN	427,4	128,4	3,33	4,67	184,0	91	R1234ze(E)	5645	2200	2584	4365
RTAF 130 HSE G XLN	467,1	134,2	3,48	4,83	190,0	91	R1234ze(E)	5645	2200	2584	4425
RTAF 145 HSE G XLN	511,3	152,2	3,36	4,82	190,0	91	R1234ze(E)	6770	2200	2584	5240
RTAF 155 HSE G XLN	555,6	170,4	3,26	4,79	189,0	91	R1234ze(E)	6770	2200	2584	5275
RTAF 185 HSE G XLN	609,4	183,6	3,32	4,81	189,0	92	R1234ze(E)	7895	2200	2584	5655
RTAF 200 HSE G XLN	718,0	224,4	3,20	4,56	179,2	96	R1234ze(E)	7895	2200	2584	5795
RTAF 210 HSE G XLN	742,0	223,5	3,32	4,79	188,6	94	R1234ze(E)	7895	2200	2584	7245
RTAF 225 HSE G XLN	816,1	272,0	3,00	4,45	175,0	98	R1234ze(E)	9390	2200	2584	5745
RTAF 230 HSE G XLN	839,2	255,9	3,28	4,82	190,0	94	R1234ze(E)	10135	2200	2584	7725
RTAF 265 HSE G XLN	895,0	276,2	3,24	4,67	183,8	94	R1234ze(E)	10135	2200	2584	7635
RTAF 275 HSE G XLN	1003,1	317,4	3,16	4,62	187,0	97	R1234ze(E)	10135	2200	2584	7635
RTAF 285 HSE G XLN	1027,0	304,8	3,37	4,86	191,4	95	R1234ze(E)	12385	2200	2584	9285
RTAF 300 HSE G XLN	1098,4	357,8	3,07	4,65	183,0	98	R1234ze(E)	11260	2200	2584	8060
RTAF 305 HSE G XLN	1120,0	342,5	3,27	4,77	187,8	95	R1234ze(E)	12385	2200	2584	9510
RTAF 340 HSE G XLN	1199,9	365,8	3,28	4,98	196,0	95	R1234ze(E)	13510	2200	2584	9655
RTAF 385 HSE G XLN	1308,9	407,8	3,21	4,99	197,0	97	R1234ze(E)	13510	2200	2584	9655
RTAF 405 HSE G XLN	1406,4	453,7	3,10	4,85	191,0	98	R1234ze(E)	13510	2200	2584	9655
RTAF 470 HSE G XLN	1605,1	561,2	2,86	4,58	180,0	101	R1234ze(E)	13510	2200	2584	9655

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

η_{sc} : Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc} /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HSE - LN Low Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSE G LN	327,4	97,7	3,35	4,51	177,0	93	R1234ze(E)	5645	2200	2584	4280
RTAF 100 HSE G LN	359,1	108,2	3,32	4,55	179,0	94	R1234ze(E)	5645	2200	2584	4305
RTAF 110 HSE G LN	394,7	120,3	3,28	4,60	181,0	94	R1234ze(E)	5645	2200	2584	4305
RTAF 120 HSE G LN	427,4	128,4	3,33	4,67	184,0	94	R1234ze(E)	5645	2200	2584	4365
RTAF 130 HSE G LN	467,1	134,2	3,48	4,83	190,0	94	R1234ze(E)	5645	2200	2584	4425
RTAF 145 HSE G LN	511,3	152,2	3,36	4,82	190,0	94	R1234ze(E)	6770	2200	2584	5240
RTAF 155 HSE G LN	555,6	170,4	3,26	4,79	189,0	94	R1234ze(E)	6770	2200	2584	5275
RTAF 185 HSE G LN	609,4	183,6	3,32	4,81	189,0	95	R1234ze(E)	7895	2200	2584	5655
RTAF 200 HSE G LN	718,0	224,4	3,20	4,56	179,2	98	R1234ze(E)	7895	2200	2584	5795
RTAF 210 HSE G LN	742,0	223,5	3,32	4,79	188,6	97	R1234ze(E)	7895	2200	2584	7245
RTAF 225 HSE G LN	816,1	272,0	3,00	4,45	175,0	101	R1234ze(E)	9390	2200	2584	5745
RTAF 230 HSE G LN	839,2	255,9	3,28	4,82	190,0	97	R1234ze(E)	10135	2200	2584	7725
RTAF 265 HSE G LN	895,6	276,4	3,24	4,67	184,0	97	R1234ze(E)	10135	2200	2584	7635
RTAF 275 HSE G LN	1003,1	317,4	3,16	4,62	182,0	99	R1234ze(E)	10135	2200	2584	7635
RTAF 285 HSE G LN	1027,0	304,8	3,37	4,86	191,4	98	R1234ze(E)	12385	2200	2584	9285
RTAF 300 HSE G LN	1098,4	357,8	3,07	4,65	183,0	101	R1234ze(E)	11260	2200	2584	8060
RTAF 305 HSE G LN	1120,0	342,5	3,27	4,77	187,8	98	R1234ze(E)	12385	2200	2584	9510
RTAF 340 HSE G LN	1199,9	365,8	3,28	4,98	196,0	98	R1234ze(E)	13510	2200	2584	9655
RTAF 385 HSE G LN	1308,9	407,8	3,21	4,99	197,0	100	R1234ze(E)	13510	2200	2584	9655
RTAF 405 HSE G LN	1406,4	453,7	3,10	4,85	191,0	101	R1234ze(E)	13510	2200	2584	9655
RTAF 470 HSE G LN	1605,1	561,2	2,86	4,58	180,0	104	R1234ze(E)	13510	2200	2584	9655

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

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(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HSE - SN Standard Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	L _{wO} (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSE G SN	327,4	97,7	3,35	4,51	177,0	96	R1234ze(E)	5645	2200	2584	4180
RTAF 100 HSE G SN	359,1	108,2	3,32	4,55	179,0	96	R1234ze(E)	5645	2200	2584	4205
RTAF 110 HSE G SN	394,7	120,3	3,28	4,60	181,0	97	R1234ze(E)	5645	2200	2584	4205
RTAF 120 HSE G SN	427,4	128,4	3,33	4,67	184,0	97	R1234ze(E)	5645	2200	2584	4265
RTAF 130 HSE G SN	467,1	134,2	3,48	4,83	190,0	96	R1234ze(E)	5645	2200	2584	4325
RTAF 145 HSE G SN	511,3	152,2	3,36	4,82	190,0	96	R1234ze(E)	6770	2200	2584	5120
RTAF 155 HSE G SN	555,6	170,4	3,26	4,79	189,0	96	R1234ze(E)	6770	2200	2584	5155
RTAF 185 HSE G SN	609,4	183,6	3,32	4,81	189,0	97	R1234ze(E)	7895	2200	2584	5535
RTAF 200 HSE G SN	718,0	224,4	3,20	4,56	179,2	101	R1234ze(E)	7895	2200	2584	5675
RTAF 210 HSE G SN	742,0	223,5	3,32	4,79	188,6	99	R1234ze(E)	7895	2200	2584	7085
RTAF 225 HSE G SN	816,1	272,0	3,00	4,45	175,0	103	R1234ze(E)	9390	2200	2584	5585
RTAF 230 HSE G SN	839,2	255,9	3,28	4,82	190,0	99	R1234ze(E)	10135	2200	2584	7565
RTAF 265 HSE G SN	895,6	276,4	3,24	4,67	184,0	99	R1234ze(E)	10135	2200	2584	7455
RTAF 275 HSE G SN	1003,1	317,4	3,16	4,62	182,0	102	R1234ze(E)	10135	2200	2584	7455
RTAF 285 HSE G SN	1027,0	304,8	3,37	4,86	191,4	100	R1234ze(E)	12385	2200	2584	9065
RTAF 300 HSE G SN	1098,4	357,8	3,07	4,65	183,0	103	R1234ze(E)	11260	2200	2584	7840
RTAF 305 HSE G SN	1120,0	342,5	3,27	4,77	187,8	100	R1234ze(E)	12385	2200	2584	9290
RTAF 340 HSE G SN	1199,9	365,8	3,28	4,98	196,0	100	R1234ze(E)	13510	2200	2584	9415
RTAF 385 HSE G SN	1308,9	407,8	3,21	4,99	197,0	103	R1234ze(E)	13510	2200	2584	9415
RTAF 405 HSE G SN	1406,4	453,7	3,10	4,85	191,0	103	R1234ze(E)	13510	2200	2584	9415
RTAF 470 HSE G SN	1605,1	561,2	2,86	4,58	180,0	106	R1234ze(E)	13510	2200	2584	9415

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RTAF HSS - XLN Extra Low Noise - R1234ze

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	η_{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSS G XLN	321,2	100,1	3,21	4,44	175,0	91	R1234ze(E)	4520	2200	2584	3930
RTAF 100 HSS G XLN	350,6	111,7	3,14	4,46	175,0	91	R1234ze(E)	4520	2200	2584	3955
RTAF 110 HSS G XLN	386,7	123,6	3,13	4,51	177,0	92	R1234ze(E)	4520	2200	2584	3955
RTAF 120 HSS G XLN	418,0	132,7	3,15	4,55	179,0	92	R1234ze(E)	4520	2200	2584	4010
RTAF 130 HSS G XLN	449,3	143,1	3,14	4,59	181,0	92	R1234ze(E)	4520	2200	2584	4070
RTAF 145 HSS G XLN	502,7	156,1	3,22	4,71	185,0	91	R1234ze(E)	5645	2200	2584	4920
RTAF 155 HSS G XLN	544,5	176,2	3,09	4,66	183,0	92	R1234ze(E)	5645	2200	2584	4955
RTAF 185 HSS G XLN	603,4	186,8	3,23	4,73	186,0	92	R1234ze(E)	6770	2200	2584	5335
RTAF 200 HSS G XLN	712,1	230,4	3,09	4,62	182,0	96	R1234ze(E)	6770	2200	2584	5475
RTAF 210 HSS G XLN	737,0	226,1	3,26	4,74	186,6	94	R1234ze(E)	6770	2200	2584	6895
RTAF 225 HSS G XLN	805,6	283,7	2,84	4,45	175,0	98	R1234ze(E)	8265	2200	2584	5425
RTAF 230 HSS G XLN	820,6	267,3	3,07	4,63	182,0	94	R1234ze(E)	8265	2200	2584	7045
RTAF 265 HSS G XLN	886,6	281,5	3,15	4,63	182,0	94	R1234ze(E)	9390	2200	2584	7310
RTAF 275 HSS G XLN	992,1	325,3	3,05	4,59	181,0	97	R1234ze(E)	9390	2200	2584	7310
RTAF 285 HSS G XLN	1012,0	314,3	3,22	4,73	186,2	95	R1234ze(E)	10135	2200	2584	8710
RTAF 300 HSS G XLN	1079,6	376,2	2,87	4,59	181,0	98	R1234ze(E)	9390	2200	2584	7440
RTAF 305 HSS G XLN	1099,0	355,7	3,09	4,64	182,6	95	R1234ze(E)	10135	2200	2584	8870
RTAF 340 HSS G XLN	1182,1	375,3	3,15	4,90	193,0	95	R1234ze(E)	11260	2200	2584	9185
RTAF 385 HSS G XLN	1298,3	413,5	3,14	4,95	195,0	98	R1234ze(E)	12385	2200	2584	9520
RTAF 405 HSS G XLN	1394,4	463,3	3,01	4,82	190,0	99	R1234ze(E)	12385	2200	2584	9520

Pc: Cooling capacity

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Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

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RTAF HSS - LN Low Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSS G LN	321,2	100,1	3,21	4,44	175,0	94	R1234ze(E)	4520	2200	2584	3930
RTAF 100 HSS G LN	350,6	111,7	3,14	4,46	175,0	94	R1234ze(E)	4520	2200	2584	3955
RTAF 110 HSS G LN	386,7	123,6	3,13	4,51	177,0	95	R1234ze(E)	4520	2200	2584	3955
RTAF 120 HSS G LN	418,0	132,7	3,15	4,55	179,0	94	R1234ze(E)	4520	2200	2584	4010
RTAF 130 HSS G LN	449,3	143,1	3,14	4,59	181,0	94	R1234ze(E)	4520	2200	2584	4070
RTAF 145 HSS G LN	502,7	156,1	3,22	4,71	185,0	94	R1234ze(E)	5645	2200	2584	4920
RTAF 155 HSS G LN	544,5	176,2	3,09	4,66	183,0	94	R1234ze(E)	5645	2200	2584	4955
RTAF 185 HSS G LN	603,4	186,8	3,23	4,73	186,0	95	R1234ze(E)	6770	2200	2584	5335
RTAF 200 HSS G LN	712,1	230,4	3,09	4,62	182,0	98	R1234ze(E)	6770	2200	2584	5475
RTAF 210 HSS G LN	737,0	226,1	3,26	4,74	186,6	97	R1234ze(E)	6770	2200	2584	6895
RTAF 225 HSS G LN	805,6	283,7	2,84	4,45	175,0	101	R1234ze(E)	8265	2200	2584	5425
RTAF 230 HSS G LN	820,6	267,3	3,07	4,63	182,0	97	R1234ze(E)	8265	2200	2584	7045
RTAF 265 HSS G LN	886,6	281,5	3,15	4,63	182,0	97	R1234ze(E)	9390	2200	2584	7310
RTAF 275 HSS G LN	991,0	324,9	3,05	4,59	180,6	99	R1234ze(E)	9390	2200	2584	7310
RTAF 285 HSS G LN	1012,0	314,3	3,22	4,73	186,2	98	R1234ze(E)	10135	2200	2584	8710
RTAF 300 HSS G LN	1079,6	376,2	2,87	4,59	181,0	101	R1234ze(E)	9390	2200	2584	7440
RTAF 305 HSS G LN	1099,0	355,7	3,09	4,64	182,6	98	R1234ze(E)	10135	2200	2584	8870
RTAF 340 HSS G LN	1182,1	375,3	3,15	4,90	193,0	98	R1234ze(E)	11260	2200	2584	9185
RTAF 385 HSS G LN	1298,3	413,5	3,14	4,95	195,0	100	R1234ze(E)	12385	2200	2584	9520
RTAF 405 HSS G LN	1394,4	463,3	3,01	4,82	190,0	102	R1234ze(E)	12385	2200	2584	9520

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LwO: A-weighted sound power level outside

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(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

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(4): Basic unit without accessories

RTAF HSS - SN Standard Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	L _{wO} (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSS G SN	321,2	100,1	3,21	4,44	175,0	97	R1234ze(E)	4520	2200	2584	3830
RTAF 100 HSS G SN	350,6	111,7	3,14	4,46	175,0	97	R1234ze(E)	4520	2200	2584	3855
RTAF 110 HSS G SN	386,7	123,6	3,13	4,51	177,0	97	R1234ze(E)	4520	2200	2584	3855
RTAF 120 HSS G SN	418,0	132,7	3,15	4,55	179,0	97	R1234ze(E)	4520	2200	2584	3910
RTAF 130 HSS G SN	449,3	143,1	3,14	4,59	181,0	97	R1234ze(E)	4520	2200	2584	3970
RTAF 145 HSS G SN	502,7	156,1	3,22	4,71	185,0	96	R1234ze(E)	5645	2200	2584	4800
RTAF 155 HSS G SN	544,5	176,2	3,09	4,66	183,0	96	R1234ze(E)	5645	2200	2584	4835
RTAF 185 HSS G SN	603,4	186,8	3,23	4,73	186,0	97	R1234ze(E)	6770	2200	2584	5215
RTAF 200 HSS G SN	712,1	230,4	3,09	4,62	182,0	101	R1234ze(E)	6770	2200	2584	5355
RTAF 210 HSS G SN	737,0	226,1	3,26	4,74	186,6	99	R1234ze(E)	6770	2200	2584	6735
RTAF 225 HSS G SN	805,6	283,7	2,84	4,45	175,0	103	R1234ze(E)	8265	2200	2584	5265
RTAF 230 HSS G SN	820,6	267,3	3,07	4,63	182,0	99	R1234ze(E)	8265	2200	2584	6885
RTAF 265 HSS G SN	886,6	281,5	3,15	4,63	182,0	99	R1234ze(E)	9390	2200	2584	7130
RTAF 275 HSS G SN	991,0	324,9	3,05	4,59	180,6	102	R1234ze(E)	9390	2200	2584	7130
RTAF 285 HSS G SN	1012,0	314,3	3,22	4,73	186,2	100	R1234ze(E)	10135	2200	2584	8490
RTAF 300 HSS G SN	1079,6	376,2	2,87	4,59	181,0	103	R1234ze(E)	9390	2200	2584	7220
RTAF 305 HSS G SN	1099,0	355,7	3,09	4,64	182,6	100	R1234ze(E)	10135	2200	2584	8650
RTAF 340 HSS G SN	1182,1	375,3	3,15	4,90	193,0	101	R1234ze(E)	11260	2200	2584	8945
RTAF 385 HSS G SN	1298,3	413,5	3,14	4,95	195,0	103	R1234ze(E)	12385	2200	2584	9280
RTAF 405 HSS G SN	1394,4	463,3	3,01	4,82	190,0	104	R1234ze(E)	12385	2200	2584	9280

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

L_{wO}: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XE - XLN Extra Low Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 XE G XLN	329,4	97,5	3,38	4,21	165,0	91	R1234ze(E)	5645	2200	2584	4115
RTAF 100 XE G XLN	360,7	107,0	3,37	4,24	167,0	91	R1234ze(E)	5645	2200	2584	4140
RTAF 110 XE G XLN	395,8	118,5	3,34	4,28	168,0	92	R1234ze(E)	5645	2200	2584	4140
RTAF 120 XE G XLN	427,7	126,5	3,38	4,35	171,0	91	R1234ze(E)	5645	2200	2584	4200
RTAF 130 XE G XLN	467,9	132,5	3,53	4,66	183,0	91	R1234ze(E)	5645	2200	2584	4260
RTAF 145 XE G XLN	509,7	147,3	3,46	4,63	182,0	91	R1234ze(E)	6770	2200	2584	4930
RTAF 155 XE G XLN	553,1	162,2	3,41	4,55	179,0	91	R1234ze(E)	6770	2200	2584	4965
RTAF 185 XE G XLN	614,7	179,2	3,43	4,56	179,0	92	R1234ze(E)	7895	2200	2584	5320
RTAF 210 XE G XLN	741,5	221,3	3,35	4,56	179,0	94	R1234ze(E)	9390	2200	2584	6905
RTAF 230 XE G XLN	836,5	247,5	3,38	4,60	181,0	94	R1234ze(E)	10135	2200	2584	7365
RTAF 265 XE G XLN	900,6	271,3	3,32	4,71	191,0	94	R1234ze(E)	10135	2200	2584	7335
RTAF 285 XE G XLN	1026,4	303,7	3,38	4,93	194,0	95	R1234ze(E)	12385	2200	2584	8935
RTAF 305 XE G XLN	1117,4	334,5	3,34	4,93	194,0	95	R1234ze(E)	12385	2200	2584	9160
RTAF 340 XE G XLN	1205,2	360,8	3,34	4,81	196,0	95	R1234ze(E)	13510	2200	2584	9490

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW: Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XE - LN Low Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 XE G LN	329,4	97,5	3,38	4,21	165,0	93	R1234ze(E)	5645	2200	2584	4115
RTAF 100 XE G LN	360,7	107,0	3,37	4,24	167,0	94	R1234ze(E)	5645	2200	2584	4140
RTAF 110 XE G LN	395,8	118,5	3,34	4,28	168,0	94	R1234ze(E)	5645	2200	2584	4140
RTAF 120 XE G LN	427,7	126,5	3,38	4,35	171,0	94	R1234ze(E)	5645	2200	2584	4200
RTAF 130 XE G LN	467,9	132,5	3,53	4,66	183,0	94	R1234ze(E)	5645	2200	2584	4260
RTAF 145 XE G LN	509,7	147,3	3,46	4,63	182,0	94	R1234ze(E)	6770	2200	2584	4930
RTAF 155 XE G LN	553,1	162,2	3,41	4,55	179,0	94	R1234ze(E)	6770	2200	2584	4965

RTAF 185 XE G LN	614,7	179,2	3,43	4,56	179,0	95	R1234ze(E)	7895	2200	2584	5320
RTAF 210 XE G LN	741,5	221,3	3,35	4,56	179,0	97	R1234ze(E)	9390	2200	2584	6905
RTAF 230 XE G LN	836,5	247,5	3,38	4,60	181,0	97	R1234ze(E)	10135	2200	2584	7365
RTAF 265 XE G LN	900,6	271,3	3,32	4,71	185,0	97	R1234ze(E)	10135	2200	2584	7335
RTAF 285 XE G LN	1026,4	303,7	3,38	4,93	194,0	98	R1234ze(E)	12385	2200	2584	8935
RTAF 305 XE G LN	1117,4	334,5	3,34	4,93	194,0	98	R1234ze(E)	12385	2200	2584	9160
RTAF 340 XE G LN	1205,2	360,8	3,34	4,81	195,0	98	R1234ze(E)	13510	2200	2584	9490

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηsc/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XE - SN Standard Noise - R1234ze

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 XE G SN	329,4	97,5	3,38	4,21	165,0	96	R1234ze(E)	5645	2200	2584	4015
RTAF 100 XE G SN	360,7	107,0	3,37	4,24	167,0	96	R1234ze(E)	5645	2200	2584	4040
RTAF 110 XE G SN	395,8	118,5	3,34	4,28	168,0	97	R1234ze(E)	5645	2200	2584	4040
RTAF 120 XE G SN	427,7	126,5	3,38	4,35	171,0	97	R1234ze(E)	5645	2200	2584	4100
RTAF 130 XE G SN	467,9	132,5	3,53	4,66	183,0	96	R1234ze(E)	5645	2200	2584	4160
RTAF 145 XE G SN	509,7	147,3	3,46	4,63	182,0	96	R1234ze(E)	6770	2200	2584	4810
RTAF 155 XE G SN	553,1	162,2	3,41	4,55	179,0	96	R1234ze(E)	6770	2200	2584	4845
RTAF 185 XE G SN	614,7	179,2	3,43	4,56	179,0	97	R1234ze(E)	7895	2200	2584	5200
RTAF 210 XE G SN	741,5	221,3	3,35	4,56	179,0	99	R1234ze(E)	9390	2200	2584	6745
RTAF 230 XE G SN	836,5	247,5	3,38	4,60	181,0	99	R1234ze(E)	10135	2200	2584	7205
RTAF 265 XE G SN	900,6	271,3	3,32	4,71	185,0	99	R1234ze(E)	10135	2200	2584	7155
RTAF 285 XE G SN	1026,4	303,7	3,38	4,93	194,0	100	R1234ze(E)	12385	2200	2584	8715
RTAF 305 XE G SN	1117,4	334,5	3,34	4,93	194,0	100	R1234ze(E)	12385	2200	2584	8940
RTAF 340 XE G SN	1205,2	360,8	3,34	4,81	195,0	100	R1234ze(E)	13510	2200	2584	9250

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

- (1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)
 (2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. $\eta_{s,c}$ /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.
 (3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)
 (4): Basic unit without accessories

RTAF HE - XLN Extra Low Noise AC - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	$\eta_{s,c}$ (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HE G AC XLN	331,9	101,5	3,27	3,99	157,0	92	R1234ze(E)	5645	2200	2584	4115
RTAF 100 HE G AC XLN	364,6	110,8	3,29	4,06	159,0	92	R1234ze(E)	5645	2200	2584	4140
RTAF 110 HE G AC XLN	396,7	120,6	3,29	4,13	162,0	92	R1234ze(E)	5645	2200	2584	4140
RTAF 120 HE G AC XLN	428,9	128,8	3,33	4,22	166,0	92	R1234ze(E)	5645	2200	2584	4200
RTAF 130 HE G AC XLN	467,2	135,0	3,46	4,47	176,0	92	R1234ze(E)	5645	2200	2584	4260
RTAF 145 HE G AC XLN	511,0	149,9	3,41	4,50	177,0	92	R1234ze(E)	6770	2200	2584	4930
RTAF 155 HE G AC XLN	554,9	164,7	3,37	4,43	174,0	92	R1234ze(E)	6770	2200	2584	4965
RTAF 185 HE G AC XLN	613,3	179,8	3,41	4,43	174,0	92	R1234ze(E)	7895	2200	2584	5320
RTAF 210 HE G AC XLN	736,6	221,2	3,33	4,58	180,0	94	R1234ze(E)	9390	2200	2584	6905
RTAF 230 HE G AC XLN	831,3	247,4	3,36	4,76	187,0	94	R1234ze(E)	10135	2200	2584	7365
RTAF 265 HE G AC XLN	896,4	271,6	3,30	4,71	185,0	94	R1234ze(E)	10135	2200	2584	7335
RTAF 285 HE G AC XLN	1019,8	302,6	3,37	4,95	195,0	95	R1234ze(E)	12385	2200	2584	8935
RTAF 305 HE G AC XLN	1108,2	334,8	3,31	4,82	190,0	95	R1234ze(E)	12385	2200	2584	9160
RTAF 340 HE G AC XLN	1199,4	362,4	3,31	4,81	189,0	95	R1234ze(E)	13510	2200	2584	9490

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

$\eta_{s,c}$: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

- (1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)
 (2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. $\eta_{s,c}$ /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.
 (3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)
 (4): Basic unit without accessories

RTAF HE - LN Low Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HE G LN	332,3	103,2	3,22	3,92	154,0	95	R1234ze(E)	5645	2200	2584	4115
RTAF 100 HE G LN	365,5	112,8	3,24	3,99	157,0	95	R1234ze(E)	5645	2200	2584	4140
RTAF 110 HE G LN	398,0	122,5	3,25	4,06	159,0	95	R1234ze(E)	5645	2200	2584	4140
RTAF 120 HE G LN	430,9	130,2	3,31	4,16	163,0	95	R1234ze(E)	5645	2200	2584	4200
RTAF 130 HE G LN	468,6	137,4	3,41	4,40	173,0	94	R1234ze(E)	5645	2200	2584	4260
RTAF 145 HE G LN	513,3	151,9	3,38	4,44	175,0	95	R1234ze(E)	6770	2200	2584	4930
RTAF 155 HE G LN	558,1	166,6	3,35	4,38	172,0	95	R1234ze(E)	6770	2200	2584	4965
RTAF 185 HE G LN	614,9	181,9	3,38	4,36	171,0	95	R1234ze(E)	7895	2200	2584	5320
RTAF 210 HE G LN	741,0	223,2	3,32	4,51	177,0	96	R1234ze(E)	9390	2200	2584	6905
RTAF 230 HE G LN	835,9	250,3	3,34	4,71	185,0	97	R1234ze(E)	10135	2200	2584	7365
RTAF 265 HE G LN	900,1	273,6	3,29	4,67	184,0	97	R1234ze(E)	10135	2200	2584	7335
RTAF 285 HE G LN	1025,7	306,2	3,35	4,93	194,0	98	R1234ze(E)	12385	2200	2584	8935
RTAF 305 HE G LN	1116,3	337,3	3,31	4,78	188,0	98	R1234ze(E)	12385	2200	2584	9160
RTAF 340 HE G LN	1204,5	363,9	3,31	4,76	187,0	98	R1234ze(E)	13510	2200	2584	9490

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HE - SN Standard Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HE G SN	332,3	103,2	3,22	3,92	154,0	97	R1234ze(E)	5645	2200	2584	4015
RTAF 100 HE G SN	365,5	112,8	3,24	3,99	157,0	97	R1234ze(E)	5645	2200	2584	4040
RTAF 110 HE G SN	398,0	122,5	3,25	4,06	159,0	97	R1234ze(E)	5645	2200	2584	4040
RTAF 120 HE G SN	430,9	130,2	3,31	4,16	163,0	97	R1234ze(E)	5645	2200	2584	4100
RTAF 130 HE G SN	468,6	137,4	3,41	4,40	173,0	97	R1234ze(E)	5645	2200	2584	4160
RTAF 145 HE G SN	513,3	151,9	3,38	4,44	175,0	97	R1234ze(E)	6770	2200	2584	4810
RTAF 155 HE G SN	558,1	166,6	3,35	4,38	172,0	97	R1234ze(E)	6770	2200	2584	4845

RTAF 185 HE G SN	614,9	181,9	3,38	4,36	171,0	97	R1234ze(E)	7895	2200	2584	5200
RTAF 210 HE G SN	741,0	223,2	3,32	4,51	177,0	99	R1234ze(E)	9390	2200	2584	6745
RTAF 230 HE G SN	835,9	250,3	3,34	4,71	185,0	98	R1234ze(E)	10135	2200	2584	7205
RTAF 265 HE G SN	900,1	273,6	3,29	4,67	184,0	99	R1234ze(E)	10135	2200	2584	7155
RTAF 285 HE G SN	1025,7	306,2	3,35	4,93	194,0	100	R1234ze(E)	12385	2200	2584	8715
RTAF 305 HE G SN	1116,3	337,3	3,31	4,78	188,0	100	R1234ze(E)	12385	2200	2584	8940
RTAF 340 HE G SN	1204,5	363,9	3,31	4,76	187,0	100	R1234ze(E)	13510	2200	2584	9250

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηsc/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF SE - XLN Extra Low Noise - R1234ze

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 SE G XLN	323,5	99,5	3,25	4,12	162,0	92	R1234ze(E)	4520	2200	2584	3785
RTAF 100 SE G XLN	352,6	110,5	3,19	4,14	163,0	92	R1234ze(E)	4520	2200	2584	3810
RTAF 110 SE G XLN	388,3	121,7	3,19	4,16	163,0	92	R1234ze(E)	4520	2200	2584	3810
RTAF 120 SE G XLN	418,6	130,8	3,20	4,23	166,0	92	R1234ze(E)	4520	2200	2584	3870
RTAF 130 SE G XLN	448,7	141,1	3,18	4,29	169,0	92	R1234ze(E)	4520	2200	2584	3925
RTAF 145 SE G XLN	501,6	151,1	3,32	4,47	176,0	92	R1234ze(E)	5645	2200	2584	4625
RTAF 155 SE G XLN	542,9	167,6	3,24	4,32	170,0	92	R1234ze(E)	5645	2200	2584	4660
RTAF 185 SE G XLN	608,8	181,7	3,35	4,41	173,0	92	R1234ze(E)	6770	2200	2584	5020
RTAF 210 SE G XLN	736,1	224,4	3,28	4,59	181,0	94	R1234ze(E)	8265	2200	2584	6575
RTAF 230 SE G XLN	819,4	258,5	3,17	4,58	180,0	94	R1234ze(E)	8265	2200	2584	6725
RTAF 265 SE G XLN	891,7	276,1	3,23	4,67	184,0	94	R1234ze(E)	9390	2200	2584	7030
RTAF 285 SE G XLN	1011,0	312,0	3,24	4,80	189,0	95	R1234ze(E)	10135	2200	2584	8400
RTAF 305 SE G XLN	1097,5	347,3	3,16	4,78	188,0	95	R1234ze(E)	10135	2200	2584	8560
RTAF 340 SE G XLN	1187,5	369,9	3,21	4,67	184,0	95	R1234ze(E)	11260	2200	2584	8875

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

- (1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)
 (2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. $\eta_{s,c}$ /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.
 (3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)
 (4): Basic unit without accessories

RTAF SE - LN Low Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	$\eta_{s,c}$ (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 SE G LN	329,7	103,4	3,19	3,97	156,0	95	R1234ze(E)	4520	2200	2584	3785
RTAF 100 SE G LN	361,5	113,7	3,18	4,02	158,0	95	R1234ze(E)	4520	2200	2584	3810
RTAF 110 SE G LN	392,7	124,3	3,16	4,06	159,0	95	R1234ze(E)	4520	2200	2584	3810
RTAF 120 SE G LN	424,2	133,0	3,19	4,16	163,0	95	R1234ze(E)	4520	2200	2584	3870
RTAF 130 SE G LN	455,8	142,9	3,19	4,19	165,0	95	R1234ze(E)	4520	2200	2584	3925
RTAF 145 SE G LN	507,6	154,3	3,29	4,34	171,0	95	R1234ze(E)	5645	2200	2584	4625
RTAF 155 SE G LN	550,7	170,5	3,23	4,17	164,0	95	R1234ze(E)	5645	2200	2584	4660
RTAF 185 SE G LN	609,2	184,1	3,31	4,35	171,0	95	R1234ze(E)	6770	2200	2584	5020
RTAF 210 SE G LN	735,3	226,3	3,25	4,55	179,0	96	R1234ze(E)	8265	2200	2584	6575
RTAF 230 SE G LN	818,2	260,6	3,14	4,57	180,0	97	R1234ze(E)	8265	2200	2584	6725
RTAF 265 SE G LN	891,0	278,5	3,20	4,63	182,0	97	R1234ze(E)	9390	2200	2584	7030
RTAF 285 SE G LN	1009,7	314,6	3,21	4,78	188,0	98	R1234ze(E)	10135	2200	2584	8400
RTAF 305 SE G LN	1095,7	350,1	3,13	4,68	184,0	98	R1234ze(E)	10135	2200	2584	8560
RTAF 340 SE G LN	1186,5	373,1	3,18	4,62	182,0	98	R1234ze(E)	11260	2200	2584	8875

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

$\eta_{s,c}$: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

- (1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)
 (2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. $\eta_{s,c}$ /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.
 (3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)
 (4): Basic unit without accessories

RTAF SE - SN Standard Noise - R1234ze

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 SE G SN	329,7	103,4	3,19	3,97	156,0	97	R1234ze(E)	4520	2200	2584	3685
RTAF 100 SE G SN	361,5	113,7	3,18	4,02	158,0	97	R1234ze(E)	4520	2200	2584	3710
RTAF 110 SE G SN	392,7	124,3	3,16	4,06	159,0	97	R1234ze(E)	4520	2200	2584	3710
RTAF 120 SE G SN	424,2	133,0	3,19	4,16	163,0	97	R1234ze(E)	4520	2200	2584	3770
RTAF 130 SE G SN	455,8	142,9	3,19	4,19	165,0	97	R1234ze(E)	4520	2200	2584	3825
RTAF 145 SE G SN	507,6	154,3	3,29	4,34	171,0	97	R1234ze(E)	5645	2200	2584	4505
RTAF 155 SE G SN	550,7	170,5	3,23	4,17	164,0	97	R1234ze(E)	5645	2200	2584	4540
RTAF 185 SE G SN	609,2	184,1	3,31	4,35	171,0	97	R1234ze(E)	6770	2200	2584	4900
RTAF 210 SE G SN	735,3	226,3	3,25	4,55	179,0	99	R1234ze(E)	8265	2200	2584	6415
RTAF 230 SE G SN	818,2	260,6	3,14	4,57	180,0	99	R1234ze(E)	8265	2200	2584	6565
RTAF 265 SE G SN	891,0	278,5	3,20	4,63	182,0	99	R1234ze(E)	9390	2200	2584	6850
RTAF 285 SE G SN	1009,7	314,6	3,21	4,78	188,0	100	R1234ze(E)	10135	2200	2584	8180
RTAF 305 SE G SN	1095,7	350,1	3,13	4,68	184,0	100	R1234ze(E)	10135	2200	2584	8340
RTAF 340 SE G SN	1186,5	373,1	3,18	4,62	182,0	100	R1234ze(E)	11260	2200	2584	8635

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HSE - XLN Extra Low Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSE XLN	333,9	100,3	3,33	4,86	191,0	88	R134a	5645	2200	2584	3945
RTAF 105 HSE XLN	387,3	118,8	3,26	4,80	189,0	88	R134a	5645	2200	2584	3965
RTAF 125 HSE XLN	455,1	143,1	3,18	4,81	189,0	88	R134a	5645	2200	2584	4140
RTAF 145 HSE XLN	537,0	164,2	3,27	5,05	199,0	89	R134a	6770	2200	2584	4795
RTAF 155 HSE XLN	582,6	180,4	3,23	5,07	200,0	91	R134a	6770	2200	2584	5035
RTAF 175 HSE XLN	643,7	201,2	3,20	5,01	197,0	91	R134a	6770	2200	2584	5205
RTAF 190 HSE XLN	703,7	213,3	3,30	5,20	205,0	92	R134a	7895	2200	2584	5685

RTAF 205 HSE XLN	761,3	235,0	3,24	5,20	205,0	92	R134a	7895	2200	2584	5825
RTAF 245 HSE XLN	878,7	303,0	2,90	4,96	195,0	97	R134a	7895	2200	2584	5775
RTAF 250 HSE XLN	895,8	278,2	3,22	4,92	194,0	93	R134a	9390	2200	2584	6995
RTAF 280 HSE XLN	1015,7	311,6	3,26	4,99	197,0	94	R134a	10135	2200	2584	7620
RTAF 310 HSE XLN	1135,2	350,4	3,24	4,99	197,0	95	R134a	11260	2200	2584	8020
RTAF 350 HSE XLN	1266,3	388,4	3,26	5,21	205,0	95	R134a	12385	2200	2584	9170
RTAF 370 HSE XLN	1409,5	440,5	3,20	4,86	191,0	101	R134a	11260	2200	2584	7990
RTAF 380 HSE XLN	1378,6	421,6	3,27	5,26	207,0	95	R134a	13510	2200	2584	9660
RTAF 400 HSE XLN	1487,5	486,1	3,06	4,84	191,0	106	R134a	11260	2200	2584	7990
RTAF 410 HSE XLN	1488,8	465,3	3,20	5,13	202,0	95	R134a	13510	2200	2584	9840
RTAF 450 HSE XLN	1597,5	545,2	2,93	5,02	198,0	103	R134a	13510	2200	2584	9290
RTAF 510 HSE XLN	1813,3	579,3	3,13	5,18	204,0	102	R134a	13510	2200	2584	9840
RTAF 550 HSE XLN	1892,2	628,6	3,01	5,11	201,0	105	R134a	13510	2200	2584	9840

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηs,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HSE - LN Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSE LN	333,9	100,3	3,33	4,86	191,0	91	R134a	5645	2200	2584	3945
RTAF 105 HSE LN	387,3	118,8	3,26	4,80	189,0	91	R134a	5645	2200	2584	3965
RTAF 125 HSE LN	455,1	143,1	3,18	4,81	189,0	92	R134a	5645	2200	2584	4140
RTAF 145 HSE LN	537,0	164,2	3,27	5,05	199,0	93	R134a	6770	2200	2584	4795
RTAF 155 HSE LN	582,6	180,4	3,23	5,07	200,0	95	R134a	6770	2200	2584	5035
RTAF 175 HSE LN	643,7	201,2	3,20	5,01	197,0	95	R134a	6770	2200	2584	5205
RTAF 190 HSE LN	703,7	213,3	3,30	5,20	205,0	96	R134a	7895	2200	2584	5685
RTAF 205 HSE LN	761,3	235,0	3,24	5,20	205,0	96	R134a	7895	2200	2584	5825
RTAF 245 HSE LN	878,7	303,0	2,90	4,96	195,0	101	R134a	7895	2200	2584	5775
RTAF 250 HSE LN	895,8	278,2	3,22	4,92	194,0	96	R134a	9390	2200	2584	6995
RTAF 280 HSE LN	1015,7	311,6	3,26	4,99	197,0	97	R134a	10135	2200	2584	7620
RTAF 310 HSE LN	1135,2	350,4	3,24	4,99	197,0	98	R134a	11260	2200	2584	8020

RTAF 350 HSE LN	1266,3	388,4	3,26	5,21	205,0	98	R134a	12385	2200	2584	9170
RTAF 370 HSE LN	1409,5	440,5	3,20	4,86	191,0	103	R134a	11260	2200	2584	7990
RTAF 380 HSE LN	1378,6	421,6	3,27	5,26	207,0	98	R134a	13510	2200	2584	9660
RTAF 400 HSE LN	1487,5	486,1	3,06	4,84	191,0	107	R134a	11260	2200	2584	7990
RTAF 410 HSE LN	1488,8	465,3	3,20	5,13	202,0	99	R134a	13510	2200	2584	9840
RTAF 450 HSE LN	1597,5	545,2	2,93	5,02	198,0	104	R134a	13510	2200	2584	9290
RTAF 510 HSE LN	1813,3	579,3	3,13	5,18	204,0	104	R134a	13510	2200	2584	9840
RTAF 550 HSE LN	1892,2	628,6	3,01	5,11	201,0	107	R134a	13510	2200	2584	9840

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηs,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HSE - SN Standard Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSE SN	333,9	100,3	3,33	4,86	191,0	94	R134a	5645	2200	2584	3845
RTAF 105 HSE SN	387,3	118,8	3,26	4,80	189,0	94	R134a	5645	2200	2584	3865
RTAF 125 HSE SN	455,1	143,1	3,18	4,81	189,0	95	R134a	5645	2200	2584	4040
RTAF 145 HSE SN	537,0	164,2	3,27	5,05	199,0	96	R134a	6770	2200	2584	4675
RTAF 155 HSE SN	582,6	180,4	3,23	5,07	200,0	98	R134a	6770	2200	2584	4915
RTAF 175 HSE SN	643,7	201,2	3,20	5,01	197,0	98	R134a	6770	2200	2584	5085
RTAF 190 HSE SN	703,7	213,3	3,30	5,20	205,0	99	R134a	7895	2200	2584	5545
RTAF 205 HSE SN	761,3	235,0	3,24	5,20	205,0	99	R134a	7895	2200	2584	5685
RTAF 245 HSE SN	878,7	303,0	2,90	4,96	195,0	104	R134a	7895	2200	2584	5635
RTAF 250 HSE SN	895,8	278,2	3,22	4,92	194,0	99	R134a	9390	2200	2584	6835
RTAF 280 HSE SN	1015,7	311,6	3,26	4,99	197,0	100	R134a	10135	2200	2584	7440
RTAF 310 HSE SN	1135,2	350,4	3,24	4,99	197,0	101	R134a	11260	2200	2584	7820
RTAF 350 HSE SN	1266,3	388,4	3,26	5,21	205,0	101	R134a	12385	2200	2584	8950
RTAF 370 HSE SN	1409,5	440,5	3,20	4,86	191,0	104	R134a	11260	2200	2584	7790
RTAF 380 HSE SN	1378,6	421,6	3,27	5,26	207,0	102	R134a	13510	2200	2584	9420
RTAF 400 HSE SN	1487,5	486,1	3,06	4,84	191,0	107	R134a	11260	2200	2584	7790
RTAF 410 HSE SN	1488,8	465,3	3,20	5,13	202,0	102	R134a	13510	2200	2584	9600

RTAF 450 HSE SN	1597,5	545,2	2,93	5,02	198,0	107	R134a	13510	2200	2584	9050
RTAF 510 HSE SN	1813,3	579,3	3,13	5,18	204,0	104	R134a	13510	2200	2584	9600
RTAF 550 HSE SN	1892,2	628,6	3,01	5,11	201,0	107	R134a	13510	2200	2584	9600

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηs,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HSS - XLN Extra Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSS XLN	324,8	102,5	3,17	4,74	187,0	88	R134a	4520	2200	2584	3595
RTAF 105 HSS XLN	377,1	121,7	3,10	4,67	184,0	89	R134a	4520	2200	2584	3615
RTAF 125 HSS XLN	439,5	148,5	2,96	4,64	183,0	89	R134a	4520	2200	2584	3785
RTAF 140 HSS XLN	503,3	176,0	2,86	4,70	185,0	89	R134a	4520	2200	2584	3960
RTAF 145 HSS XLN	524,1	168,0	3,12	4,92	194,0	89	R134a	5645	2200	2584	4315
RTAF 150 HSS XLN	533,4	191,9	2,78	4,72	186,0	90	R134a	4520	2200	2584	4355
RTAF 155 HSS XLN	557,7	181,7	3,07	4,95	195,0	90	R134a	5645	2200	2584	4710
RTAF 170 HSS XLN	578,5	207,4	2,79	4,73	186,0	90	R134a	4520	2200	2584	4685
RTAF 175 HSS XLN	615,0	202,3	3,04	4,88	192,0	90	R134a	5645	2200	2584	4880
RTAF 185 HSS XLN	649,2	217,1	2,99	4,97	196,0	91	R134a	5645	2200	2584	5045
RTAF 190 HSS XLN	668,2	208,8	3,20	5,16	203,0	91	R134a	6770	2200	2584	5365
RTAF 200 HSS XLN	698,1	240,7	2,90	4,90	193,0	91	R134a	5645	2200	2584	5080
RTAF 205 HSS XLN	721,3	230,5	3,13	5,12	202,0	91	R134a	6770	2200	2584	5400
RTAF 245 HSS XLN	839,3	306,3	2,74	4,85	191,0	97	R134a	6770	2200	2584	5350
RTAF 250 HSS XLN	867,1	284,3	3,05	4,78	188,0	93	R134a	8265	2200	2584	6870
RTAF 280 HSS XLN	986,0	328,7	3,00	4,96	195,0	94	R134a	9390	2200	2584	7470
RTAF 310 HSS XLN	1086,7	374,7	2,90	4,90	193,0	94	R134a	9390	2200	2584	7515
RTAF 350 HSS XLN	1219,2	421,9	2,89	4,71	185,0	94	R134a	10135	2200	2584	8980
RTAF 380 HSS XLN	1336,2	454,5	2,94	4,92	194,0	95	R134a	11260	2200	2584	9325
RTAF 410 HSS XLN	1464,4	493,1	2,97	4,83	190,0	95	R134a	12385	2200	2584	9705

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

Refrigerant: Refrigerant type
H: Height

L: Length
OW : Operating Weight

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc} /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HSS - LN Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	η_{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSS LN	324,8	102,5	3,17	4,74	187,0	92	R134a	4520	2200	2584	3595
RTAF 105 HSS LN	377,1	121,7	3,10	4,67	184,0	92	R134a	4520	2200	2584	3615
RTAF 125 HSS LN	439,5	148,5	2,96	4,64	183,0	92	R134a	4520	2200	2584	3785
RTAF 140 HSS LN	503,3	176,0	2,86	4,70	185,0	93	R134a	4520	2200	2584	3960
RTAF 145 HSS LN	524,1	168,0	3,12	4,92	194,0	93	R134a	5645	2200	2584	4315
RTAF 150 HSS LN	533,4	191,9	2,78	4,72	186,0	93	R134a	4520	2200	2584	4355
RTAF 155 HSS LN	557,7	181,7	3,07	4,95	195,0	93	R134a	5645	2200	2584	4710
RTAF 170 HSS LN	578,5	207,4	2,79	4,73	186,0	94	R134a	4520	2200	2584	4685
RTAF 175 HSS LN	615,0	202,3	3,04	4,88	192,0	94	R134a	5645	2200	2584	4880
RTAF 185 HSS LN	649,2	217,1	2,99	4,97	196,0	94	R134a	5645	2200	2584	5045
RTAF 190 HSS LN	668,2	208,8	3,20	5,16	203,0	94	R134a	6770	2200	2584	5365
RTAF 200 HSS LN	698,1	240,7	2,90	4,90	193,0	94	R134a	5645	2200	2584	5080
RTAF 205 HSS LN	721,3	230,5	3,13	5,12	202,0	94	R134a	6770	2200	2584	5400
RTAF 245 HSS LN	839,3	306,3	2,74	4,85	191,0	101	R134a	6770	2200	2584	5350
RTAF 250 HSS LN	867,1	284,3	3,05	4,78	188,0	96	R134a	8265	2200	2584	6870
RTAF 280 HSS LN	986,0	328,7	3,00	4,96	195,0	97	R134a	9390	2200	2584	7470
RTAF 310 HSS LN	1086,7	374,7	2,90	4,90	193,0	98	R134a	9390	2200	2584	7515
RTAF 350 HSS LN	1219,2	421,9	2,89	4,71	185,0	98	R134a	10135	2200	2584	8980
RTAF 380 HSS LN	1336,2	454,5	2,94	4,92	194,0	98	R134a	11260	2200	2584	9325
RTAF 410 HSS LN	1464,4	493,1	2,97	4,83	190,0	99	R134a	12385	2200	2584	9705

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

η_{sc} : Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc} /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HSS - SN Standard Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	L _{wO} (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HSS SN	324,8	102,5	3,17	4,74	187,0	95	R134a	4520	2200	2584	3495
RTAF 105 HSS SN	377,1	121,7	3,10	4,67	184,0	95	R134a	4520	2200	2584	3515
RTAF 125 HSS SN	439,5	148,5	2,96	4,64	183,0	95	R134a	4520	2200	2584	3685
RTAF 140 HSS SN	503,3	176,0	2,86	4,70	185,0	96	R134a	4520	2200	2584	3860
RTAF 145 HSS SN	524,1	168,0	3,12	4,92	194,0	96	R134a	5645	2200	2584	4195
RTAF 150 HSS SN	533,4	191,9	2,78	4,72	186,0	96	R134a	4520	2200	2584	4255
RTAF 155 HSS SN	557,7	181,7	3,07	4,95	195,0	96	R134a	5645	2200	2584	4590
RTAF 170 HSS SN	578,5	207,4	2,79	4,73	186,0	97	R134a	4520	2200	2584	4585
RTAF 175 HSS SN	615,0	202,3	3,04	4,88	192,0	97	R134a	5645	2200	2584	4760
RTAF 185 HSS SN	649,2	217,1	2,99	4,97	196,0	97	R134a	5645	2200	2584	4925
RTAF 190 HSS SN	668,2	208,8	3,20	5,16	203,0	97	R134a	6770	2200	2584	5225
RTAF 200 HSS SN	698,1	240,7	2,90	4,90	193,0	97	R134a	5645	2200	2584	4960
RTAF 205 HSS SN	721,3	230,5	3,13	5,12	202,0	97	R134a	6770	2200	2584	5260
RTAF 245 HSS SN	839,3	306,3	2,74	4,85	191,0	104	R134a	6770	2200	2584	5210
RTAF 250 HSS SN	867,1	284,3	3,05	4,78	188,0	99	R134a	8265	2200	2584	6710
RTAF 280 HSS SN	986,0	328,7	3,00	4,96	195,0	100	R134a	9390	2200	2584	7290
RTAF 310 HSS SN	1086,7	374,7	2,90	4,90	193,0	101	R134a	9390	2200	2584	7315
RTAF 350 HSS SN	1219,2	421,9	2,89	4,71	185,0	101	R134a	10135	2200	2584	8760
RTAF 380 HSS SN	1336,2	454,5	2,94	4,92	194,0	101	R134a	11260	2200	2584	9085
RTAF 410 HSS SN	1464,4	493,1	2,97	4,83	190,0	102	R134a	12385	2200	2584	9465

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

L_{wO}: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XE - XLN Extra Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	η_{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 XE XLN	329,8	96,2	3,43	4,63	182,0	88	R134a	5645	2200	2584	3780
RTAF 105 XE XLN	384,4	114,1	3,37	4,57	180,0	88	R134a	5645	2200	2584	3800
RTAF 125 XE XLN	452,0	136,6	3,31	4,57	180,0	88	R134a	5645	2200	2584	3975
RTAF 145 XE XLN	533,5	157,8	3,38	4,67	184,0	89	R134a	6770	2200	2584	4480
RTAF 155 XE XLN	575,6	170,3	3,38	4,74	187,0	90	R134a	6770	2200	2584	4720
RTAF 175 XE XLN	635,5	190,8	3,33	4,65	183,0	90	R134a	6770	2200	2584	4890
RTAF 190 XE XLN	690,9	200,8	3,44	4,80	189,0	91	R134a	7895	2200	2584	5370
RTAF 205 XE XLN	748,4	221,4	3,38	4,69	185,0	91	R134a	7895	2200	2584	5515
RTAF 245 XE XLN	827,0	247,6	3,34	4,63	182,0	95	R134a	7895	2200	2584	5465
RTAF 250 XE XLN	888,5	268,4	3,31	4,78	188,0	93	R134a	9390	2200	2584	6715
RTAF 280 XE XLN	1004,6	299,0	3,36	5,23	206,0	94	R134a	10135	2200	2584	7340
RTAF 310 XE XLN	1122,6	340,2	3,30	5,12	202,0	95	R134a	11260	2200	2584	7740
RTAF 350 XE XLN	1255,8	374,9	3,35	5,25	207,0	95	R134a	12385	2200	2584	8860
RTAF 355 XE XLN	1228,1	374,4	3,28	5,05	199,0	99	R134a	11260	2200	2584	7710
RTAF 380 XE XLN	1378,3	412,7	3,34	5,23	206,0	95	R134a	13510	2200	2584	9350
RTAF 410 XE XLN	1483,8	456,5	3,25	5,19	205,0	95	R134a	13510	2200	2584	9530
RTAF 415 XE XLN	1489,0	456,8	3,26	5,19	205,0	96	R134a	13510	2200	2584	9530
RTAF 450 XE XLN	1621,4	509,9	3,18	5,14	203,0	100	R134a	13510	2200	2584	9530

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

η_{sc} : Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc} /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XE - LN Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	η_{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 XE LN	329,8	96,2	3,43	4,63	182,0	91	R134a	5645	2200	2584	3780
RTAF 105 XE LN	384,4	114,1	3,37	4,57	180,0	91	R134a	5645	2200	2584	3800
RTAF 125 XE LN	452,0	136,6	3,31	4,57	180,0	92	R134a	5645	2200	2584	3975

RTAF 145 XE LN	533,5	157,8	3,38	4,67	184,0	93	R134a	6770	2200	2584	4480
RTAF 155 XE LN	575,6	170,3	3,38	4,74	187,0	94	R134a	6770	2200	2584	4720
RTAF 175 XE LN	635,5	190,8	3,33	4,65	183,0	94	R134a	6770	2200	2584	4890
RTAF 190 XE LN	690,9	200,8	3,44	4,80	189,0	95	R134a	7895	2200	2584	5370
RTAF 205 XE LN	748,4	221,4	3,38	4,69	185,0	95	R134a	7895	2200	2584	5515
RTAF 245 XE LN	827,0	247,6	3,34	4,63	182,0	97	R134a	7895	2200	2584	5465
RTAF 250 XE LN	888,5	268,4	3,31	4,78	188,0	96	R134a	9390	2200	2584	6715
RTAF 280 XE LN	1004,6	299,0	3,36	5,23	206,0	97	R134a	10135	2200	2584	7340
RTAF 310 XE LN	1122,6	340,2	3,30	5,12	202,0	98	R134a	11260	2200	2584	7740
RTAF 350 XE LN	1255,8	374,9	3,35	5,25	207,0	98	R134a	12385	2200	2584	8860
RTAF 355 XE LN	1228,1	374,4	3,28	5,05	199,0	100	R134a	11260	2200	2584	7710
RTAF 380 XE LN	1378,3	412,7	3,34	5,23	206,0	98	R134a	13510	2200	2584	9350
RTAF 410 XE LN	1483,8	456,5	3,25	5,19	205,0	99	R134a	13510	2200	2584	9530
RTAF 415 XE LN	1489,0	456,8	3,26	5,19	205,0	100	R134a	13510	2200	2584	9530
RTAF 450 XE LN	1621,4	509,9	3,18	5,14	203,0	101	R134a	13510	2200	2584	9530

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηs,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XE - SN Standard Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 XE SN	329,8	96,2	3,43	4,63	182,0	94	R134a	5645	2200	2584	3680
RTAF 105 XE SN	384,4	114,1	3,37	4,57	180,0	94	R134a	5645	2200	2584	3700
RTAF 125 XE SN	452,0	136,6	3,31	4,57	180,0	95	R134a	5645	2200	2584	3875
RTAF 145 XE SN	533,5	157,8	3,38	4,67	184,0	96	R134a	6770	2200	2584	4360
RTAF 155 XE SN	575,6	170,3	3,38	4,74	187,0	97	R134a	6770	2200	2584	4600
RTAF 175 XE SN	635,5	190,8	3,33	4,65	183,0	97	R134a	6770	2200	2584	4770
RTAF 190 XE SN	690,9	200,8	3,44	4,80	189,0	98	R134a	7895	2200	2584	5230
RTAF 205 XE SN	748,4	221,4	3,38	4,69	185,0	98	R134a	7895	2200	2584	5375
RTAF 245 XE SN	827,0	247,6	3,34	4,63	182,0	99	R134a	7895	2200	2584	5325
RTAF 250 XE SN	888,5	268,4	3,31	4,78	188,0	99	R134a	9390	2200	2584	6555

RTAF 280 XE SN	1004,6	299,0	3,36	5,23	206,0	100	R134a	10135	2200	2584	7160
RTAF 310 XE SN	1122,6	340,2	3,30	5,12	202,0	101	R134a	11260	2200	2584	7540
RTAF 350 XE SN	1255,8	374,9	3,35	5,25	207,0	101	R134a	12385	2200	2584	8640
RTAF 355 XE SN	1228,1	374,4	3,28	5,05	199,0	101	R134a	11260	2200	2584	7510
RTAF 380 XE SN	1378,3	412,7	3,34	5,23	206,0	102	R134a	13510	2200	2584	9110
RTAF 410 XE SN	1483,8	456,5	3,25	5,19	205,0	102	R134a	13510	2200	2584	9290
RTAF 415 XE SN	1489,0	456,8	3,26	5,19	205,0	103	R134a	13510	2200	2584	9290
RTAF 450 XE SN	1621,4	509,9	3,18	5,14	203,0	102	R134a	13510	2200	2584	9290

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηs,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF HE - XLN Extra Low Noise AC - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HE AC XLN	333,3	100,4	3,32	4,41	173,0	90	R134a	5645	2200	2584	3780
RTAF 105 HE AC XLN	385,5	116,8	3,30	4,42	174,0	90	R134a	5645	2200	2584	3800
RTAF 125 HE AC XLN	454,0	139,3	3,26	4,47	176,0	90	R134a	5645	2200	2584	3975
RTAF 145 HE AC XLN	536,2	160,1	3,35	4,55	179,0	90	R134a	6770	2200	2584	4480
RTAF 155 HE AC XLN	578,3	172,6	3,35	4,62	182,0	90	R134a	6770	2200	2584	4720
RTAF 175 HE AC XLN	630,6	192,3	3,28	4,55	179,0	90	R134a	6770	2200	2584	4890
RTAF 190 HE AC XLN	685,9	202,3	3,39	4,66	183,0	91	R134a	7895	2200	2584	5370
RTAF 205 HE AC XLN	742,1	222,8	3,33	4,60	181,0	91	R134a	7895	2200	2584	5515
RTAF 245 HE AC XLN	821,4	250,4	3,28	4,56	179,0	95	R134a	7895	2200	2584	5465
RTAF 250 HE AC XLN	877,1	270,7	3,24	4,59	181,0	93	R134a	9390	2200	2584	6715
RTAF 280 HE AC XLN	992,1	300,6	3,30	4,87	192,0	94	R134a	10135	2200	2584	7340
RTAF 310 HE AC XLN	1108,7	339,1	3,27	5,00	197,0	95	R134a	11260	2200	2584	7740
RTAF 350 HE AC XLN	1240,4	378,2	3,28	5,06	199,0	95	R134a	12385	2200	2584	8860
RTAF 355 HE AC XLN	1215,8	380,0	3,20	5,01	197,0	99	R134a	11260	2200	2584	7710
RTAF 380 HE AC XLN	1360,4	416,0	3,27	5,06	199,0	95	R134a	13510	2200	2584	9350
RTAF 410 HE AC XLN	1461,9	461,2	3,17	5,03	198,0	96	R134a	13510	2200	2584	9530
RTAF 450 HE AC XLN	1602,4	518,6	3,09	5,01	197,0	100	R134a	13510	2200	2584	9530

Pc: Cooling capacity
SEER: Seasonal Energy Efficiency Ratio
Refrigerant: Refrigerant type
H: Height

Pec: Total power input in cooling
ηsc: Seasonal space cooling energy efficiency
L: Length
OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)
LwO: A-weighted sound power level outside
W: Width

- (1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)
(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηs,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.
(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)
(4): Basic unit without accessories

RTAF HE - LN Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HE LN	334,2	102,2	3,27	4,34	171,0	93	R134a	5645	2200	2584	3780
RTAF 105 HE LN	387,5	118,1	3,28	4,37	172,0	93	R134a	5645	2200	2584	3800
RTAF 125 HE LN	457,8	140,0	3,27	4,44	175,0	93	R134a	5645	2200	2584	3975
RTAF 145 HE LN	539,8	161,1	3,35	4,49	177,0	93	R134a	6770	2200	2584	4480
RTAF 155 HE LN	583,4	173,6	3,36	4,58	180,0	94	R134a	6770	2200	2584	4720
RTAF 175 HE LN	636,7	192,9	3,30	4,50	177,0	94	R134a	6770	2200	2584	4890
RTAF 190 HE LN	691,9	203,5	3,40	4,61	181,0	95	R134a	7895	2200	2584	5370
RTAF 205 HE LN	749,8	223,8	3,35	4,58	180,0	95	R134a	7895	2200	2584	5515
RTAF 245 HE LN	828,2	249,5	3,32	4,55	179,0	97	R134a	7895	2200	2584	5465
RTAF 250 HE LN	887,0	270,4	3,28	4,60	181,0	96	R134a	9390	2200	2584	6715
RTAF 280 HE LN	1003,0	301,2	3,33	4,86	191,0	97	R134a	10135	2200	2584	7340
RTAF 310 HE LN	1121,0	339,7	3,30	4,96	195,0	98	R134a	11260	2200	2584	7740
RTAF 350 HE LN	1254,6	377,9	3,32	5,01	197,0	98	R134a	12385	2200	2584	8860
RTAF 355 HE LN	1225,2	378,1	3,24	4,99	197,0	100	R134a	11260	2200	2584	7710
RTAF 380 HE LN	1376,0	415,7	3,31	5,01	197,0	98	R134a	13510	2200	2584	9350
RTAF 410 HE LN	1481,0	459,9	3,22	4,99	197,0	99	R134a	13510	2200	2584	9530
RTAF 450 HE LN	1616,9	513,3	3,15	4,99	197,0	101	R134a	13510	2200	2584	9530

Pc: Cooling capacity
SEER: Seasonal Energy Efficiency Ratio
Refrigerant: Refrigerant type
H: Height

Pec: Total power input in cooling
ηsc: Seasonal space cooling energy efficiency
L: Length
OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)
LwO: A-weighted sound power level outside
W: Width

- (1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)
(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηs,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.
(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)
(4): Basic unit without accessories

RTAF HE - SN Standard Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 HE SN	334,2	102,2	3,27	4,34	171,0	95	R134a	5645	2200	2584	3680
RTAF 105 HE SN	387,5	118,1	3,28	4,37	172,0	95	R134a	5645	2200	2584	3700
RTAF 125 HE SN	457,8	140,0	3,27	4,44	175,0	96	R134a	5645	2200	2584	3875
RTAF 145 HE SN	539,8	161,1	3,35	4,49	177,0	96	R134a	6770	2200	2584	4360
RTAF 155 HE SN	583,4	173,6	3,36	4,58	180,0	97	R134a	6770	2200	2584	4600
RTAF 175 HE SN	636,7	192,9	3,30	4,50	177,0	97	R134a	6770	2200	2584	4770
RTAF 190 HE SN	691,9	203,5	3,40	4,61	181,0	98	R134a	7895	2200	2584	5230
RTAF 205 HE SN	749,8	223,8	3,35	4,58	180,0	98	R134a	7895	2200	2584	5375
RTAF 245 HE SN	828,2	249,5	3,32	4,55	179,0	99	R134a	7895	2200	2584	5325
RTAF 250 HE SN	887,0	270,4	3,28	4,60	181,0	99	R134a	9390	2200	2584	6555
RTAF 280 HE SN	1003,0	301,2	3,33	4,86	191,0	100	R134a	10135	2200	2584	7160
RTAF 310 HE SN	1121,0	339,7	3,30	4,96	195,0	101	R134a	11260	2200	2584	7540
RTAF 350 HE SN	1254,6	377,9	3,32	5,01	197,0	101	R134a	12385	2200	2584	8640
RTAF 355 HE SN	1225,2	378,1	3,24	4,99	197,0	101	R134a	11260	2200	2584	7510
RTAF 380 HE SN	1376,0	415,7	3,31	5,01	197,0	102	R134a	13510	2200	2584	9110
RTAF 410 HE SN	1481,0	459,9	3,22	4,99	197,0	102	R134a	13510	2200	2584	9290
RTAF 450 HE SN	1616,9	513,3	3,15	4,99	197,0	102	R134a	13510	2200	2584	9290

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF SE - XLN Extra Low Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 SE XLN	321,5	98,9	3,25	4,49	177,0	88	R134a	4520	2200	2584	3450
RTAF 105 SE XLN	374,4	117,0	3,20	4,40	173,0	89	R134a	4520	2200	2584	3470
RTAF 125 SE XLN	436,6	142,7	3,06	4,34	171,0	89	R134a	4520	2200	2584	3645
RTAF 140 SE XLN	500,0	168,4	2,97	4,27	168,0	89	R134a	4520	2200	2584	3820

RTAF 145 SE XLN	520,6	161,2	3,23	4,49	177,0	89	R134a	5645	2200	2584	4170
RTAF 150 SE XLN	537,5	185,3	2,90	4,25	167,0	90	R134a	4520	2200	2584	4065
RTAF 155 SE XLN	560,9	175,3	3,20	4,55	179,0	90	R134a	5645	2200	2584	4415
RTAF 170 SE XLN	590,6	200,9	2,94	4,29	169,0	90	R134a	4520	2200	2584	4390
RTAF 175 SE XLN	618,8	197,1	3,14	4,49	177,0	90	R134a	5645	2200	2584	4585
RTAF 185 SE XLN	660,7	212,5	3,11	4,45	175,0	91	R134a	5645	2200	2584	4750
RTAF 190 SE XLN	678,7	205,0	3,31	4,68	184,0	91	R134a	6770	2200	2584	5070
RTAF 200 SE XLN	711,5	236,4	3,01	4,30	169,0	91	R134a	5645	2200	2584	4785
RTAF 205 SE XLN	733,3	227,0	3,23	4,55	179,0	91	R134a	6770	2200	2584	5105
RTAF 245 SE XLN	812,4	256,3	3,17	4,52	178,0	95	R134a	6770	2200	2584	5055
RTAF 250 SE XLN	874,7	273,3	3,20	4,67	184,0	93	R134a	8265	2200	2584	6610
RTAF 280 SE XLN	990,2	323,6	3,06	4,79	189,0	94	R134a	9390	2200	2584	7210
RTAF 310 SE XLN	1095,0	369,9	2,96	4,76	187,0	94	R134a	9390	2200	2584	7275
RTAF 350 SE XLN	1216,2	413,7	2,94	4,75	187,0	94	R134a	10135	2200	2584	8710
RTAF 355 SE XLN	1195,2	395,8	3,02	4,72	186,0	99	R134a	9390	2200	2584	7245
RTAF 380 SE XLN	1347,7	450,7	2,99	4,79	189,0	95	R134a	11260	2200	2584	9055
RTAF 410 SE XLN	1474,3	489,8	3,01	4,89	193,0	95	R134a	12385	2200	2584	9415
RTAF 450 SE XLN	1600,2	524,7	3,05	5,09	201,0	100	R134a	12385	2200	2584	9530

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

η_{sc} : Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc} /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF SE - LN Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	η_{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 SE LN	330,0	101,8	3,24	4,38	172,0	92	R134a	4520	2200	2584	3450
RTAF 105 SE LN	379,9	119,1	3,19	4,30	169,0	92	R134a	4520	2200	2584	3470
RTAF 125 SE LN*	445,1	143,6	3,10	4,29	169,0	92	R134a	4520	2200	2584	3645
RTAF 140 SE LN	511,8	168,9	3,03	4,27	168,0	93	R134a	4520	2200	2584	3820
RTAF 145 SE LN	529,4	162,9	3,25	4,38	172,0	93	R134a	5645	2200	2584	4170
RTAF 150 SE LN	551,3	184,4	2,99	4,27	168,0	93	R134a	4520	2200	2584	4065
RTAF 155 SE LN	571,2	176,9	3,23	4,43	174,0	93	R134a	5645	2200	2584	4415

RTAF 170 SE LN	592,5	201,5	2,94	4,25	167,0	94	R134a	4520	2200	2584	4390
RTAF 175 SE LN	620,3	198,2	3,13	4,44	175,0	94	R134a	5645	2200	2584	4585
RTAF 185 SE LN	662,5	213,7	3,10	4,39	173,0	94	R134a	5645	2200	2584	4750
RTAF 190 SE LN	680,0	207,3	3,28	4,60	181,0	94	R134a	6770	2200	2584	5070
RTAF 200 SE LN	713,6	237,9	3,00	4,26	167,0	94	R134a	5645	2200	2584	4785
RTAF 205 SE LN	735,0	229,0	3,21	4,50	177,0	94	R134a	6770	2200	2584	5105
RTAF 245 SE LN	812,8	258,0	3,15	4,47	176,0	97	R134a	6770	2200	2584	5055
RTAF 250 SE LN	872,9	276,2	3,16	4,51	177,0	96	R134a	8265	2200	2584	6610
RTAF 280 SE LN	988,1	326,1	3,03	4,62	182,0	97	R134a	9390	2200	2584	7210
RTAF 310 SE LN	1092,3	372,8	2,93	4,66	183,0	98	R134a	9390	2200	2584	7275
RTAF 350 SE LN	1213,2	416,9	2,91	4,61	181,0	98	R134a	10135	2200	2584	8710
RTAF 355 SE LN	1191,1	398,4	2,99	4,68	184,0	100	R134a	9390	2200	2584	7245
RTAF 380 SE LN	1344,5	454,2	2,96	4,65	183,0	98	R134a	11260	2200	2584	9055
RTAF 410 SE LN	1470,9	493,6	2,98	4,73	186,0	99	R134a	12385	2200	2584	9415
RTAF 450 SE LN	1594,9	528,1	3,02	4,96	195,0	101	R134a	12385	2200	2584	9530

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

ηsc: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. ηs,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF SE - SN Standard Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	ηsc (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 090 SE SN	330,0	101,8	3,24	4,38	172,0	95	R134a	4520	2200	2584	3350
RTAF 105 SE SN	379,9	119,1	3,19	4,30	169,0	95	R134a	4520	2200	2584	3370
RTAF 125 SE SN	445,1	143,6	3,10	4,29	169,0	95	R134a	4520	2200	2584	3545
RTAF 140 SE SN	511,8	168,9	3,03	4,27	168,0	96	R134a	4520	2200	2584	3720
RTAF 145 SE SN	529,4	162,9	3,25	4,38	172,0	96	R134a	5645	2200	2584	4050
RTAF 150 SE SN	551,3	184,4	2,99	4,27	168,0	96	R134a	4520	2200	2584	3965
RTAF 155 SE SN	571,2	176,9	3,23	4,43	174,0	96	R134a	5645	2200	2584	4295
RTAF 170 SE SN	592,5	201,5	2,94	4,25	167,0	97	R134a	4520	2200	2584	4290
RTAF 175 SE SN	620,3	198,2	3,13	4,44	175,0	97	R134a	5645	2200	2584	4465
RTAF 185 SE SN	662,5	213,7	3,10	4,39	173,0	97	R134a	5645	2200	2584	4630

RTAF 190 SE SN	680,0	207,3	3,28	4,60	181,0	97	R134a	6770	2200	2584	4930
RTAF 200 SE SN	713,6	237,9	3,00	4,26	167,0	97	R134a	5645	2200	2584	4665
RTAF 205 SE SN	735,0	229,0	3,21	4,50	177,0	97	R134a	6770	2200	2584	4965
RTAF 245 SE SN	812,8	258,0	3,15	4,47	176,0	99	R134a	6770	2200	2584	4915
RTAF 250 SE SN	872,9	276,2	3,16	4,51	177,0	99	R134a	8265	2200	2584	6450
RTAF 280 SE SN	988,1	326,1	3,03	4,62	182,0	100	R134a	9390	2200	2584	7030
RTAF 310 SE SN	1092,3	372,8	2,93	4,66	183,0	101	R134a	9390	2200	2584	7075
RTAF 350 SE SN	1213,2	416,9	2,91	4,61	181,0	101	R134a	10135	2200	2584	8490
RTAF 355 SE SN	1191,1	398,4	2,99	4,68	184,0	101	R134a	9390	2200	2584	7045
RTAF 380 SE SN	1344,5	454,2	2,96	4,65	183,0	101	R134a	11260	2200	2584	8815
RTAF 410 SE SN	1470,9	493,6	2,98	4,73	186,0	102	R134a	12385	2200	2584	9175
RTAF 450 SE SN	1594,9	528,1	3,02	4,96	195,0	102	R134a	12385	2200	2584	9290

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

η_{sc} : Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc} ,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XSE - WLN Whisper Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	η_{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 100 XSE EC WLN	344,8	88,6	3,89	6,33	250,0	83	R134a	5645	2200	2584	3613
RTAF 165 XSE EC WLN	553,2	149,9	3,69	6,35	251,0	89	R134a	6900	2200	2584	4246
RTAF 200 XSE EC WLN	691,2	199,2	3,47	5,97	236,0	88	R134a	7895	2200	2584	5591
RTAF 265 XSE EC WLN	905,5	248,1	3,65	6,27	248,0	91	R134a	10143	2200	2584	7129
RTAF 330 XSE EC WLN	1101,8	297,8	3,70	6,41	253,0	92	R134a	12393	2200	2584	8112

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

η_{sc} : Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc} ,c/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XSE - XLN Extra Low Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 100 XSE EC XLN	368,5	96,0	3,84	6,29	249,0	88	R134a	5645	2200	2584	3670
RTAF 165 XSE EC XLN	596,0	165,1	3,61	6,28	248,0	93	R134a	6900	2200	2584	4320
RTAF 200 XSE EC XLN	728,6	203,0	3,59	5,97	236,0	92	R134a	7895	2200	2584	5645
RTAF 265 XSE EC XLN	976,1	270,4	3,61	6,19	245,0	96	R134a	10143	2200	2584	7220
RTAF 330 XSE EC XLN	1224,2	333,6	3,67	6,44	255,0	97	R134a	12393	2200	2584	8200

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XSE - LN Low Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 100 XSE LN	368,5	96,0	3,84	6,29	249,0	92	R134a	5645	2200	2584	3670
RTAF 165 XSE LN	596,0	165,1	3,61	6,28	248,0	98	R134a	6900	2200	2584	4320
RTAF 200 XSE LN	728,6	203,0	3,59	5,97	236,0	97	R134a	7895	2200	2584	5645
RTAF 265 XSE LN	976,1	270,4	3,61	6,19	245,0	100	R134a	10143	2200	2584	7220
RTAF 330 XSE LN	1224,2	333,6	3,67	6,44	255,0	102	R134a	12393	2200	2584	8200

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

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OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XSE - SN Standard Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 100 XSE SN	368,5	96,0	3,84	6,29	249,0	93	R134a	5645	2200	2584	3520
RTAF 165 XSE SN	596,0	165,1	3,61	6,28	248,0	99	R134a	6900	2200	2584	4150
RTAF 200 XSE SN	728,7	202,4	3,60	5,97	236,0	98	R134a	7895	2200	2584	5405
RTAF 265 XSE SN	976,2	270,4	3,61	6,19	245,0	102	R134a	10143	2200	2584	6940
RTAF 330 XSE SN	1224,2	333,6	3,67	6,44	255,0	103	R134a	12393	2200	2584	7900

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XSS - WLN Whisper Low Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 100 XSS EC WLN	336,2	98,0	3,43	5,86	231,0	86	R134a	4520	2200	2584	3013
RTAF 165 XSS EC WLN	514,0	161,1	3,19	5,95	235,0	92	R134a	4650	2200	2584	3596
RTAF 200 XSS EC WLN	659,4	209,3	3,15	5,60	221,0	90	R134a	5645	2200	2584	4951
RTAF 265 XSS EC WLN	869,0	288,7	3,01	5,68	224,0	94	R134a	7524	2200	2584	6149
RTAF 330 XSS EC WLN	1062,0	321,8	3,30	6,13	242,0	95	R134a	9396	2200	2584	7127

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XSS - XLN Extra Low Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 100 XSS EC XLN	348,5	105,6	3,30	5,80	229,0	90	R134a	4520	2200	2584	2970
RTAF 165 XSS EC XLN	569,1	182,4	3,12	5,86	231,0	97	R134a	4650	2200	2584	3550
RTAF 200 XSS EC XLN	700,3	218,9	3,20	5,60	221,0	94	R134a	5645	2200	2584	4865
RTAF 265 XSS EC XLN	926,9	301,9	3,07	5,66	223,0	97	R134a	7524	2200	2584	6060
RTAF 330 XSS EC XLN	1177,2	363,4	3,24	6,03	238,0	100	R134a	9396	2200	2584	7015

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XSS - LN Low Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 100 XSS LN	358,9	105,9	3,39	5,08	200,0	94	R134a	4520	2200	2584	2970
RTAF 165 XSS LN	570,5	184,6	3,09	5,43	214,0	102	R134a	4650	2200	2584	3550
RTAF 200 XSS LN	702,1	221,5	3,17	5,23	206,0	99	R134a	5645	2200	2584	4865
RTAF 265 XSS LN	929,7	304,8	3,05	5,39	213,0	102	R134a	7524	2200	2584	6060
RTAF 330 XSS LN	1172,4	372,2	3,15	5,53	218,0	105	R134a	9396	2200	2584	7015

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF XSS - SN Standard Noise - R134a

	P _c (1) kW	P _{ec} (1) kW	EER (1)	SEER (2)	η _{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
RTAF 100 XSS SN	358,9	105,9	3,39	5,08	200,0	96	R134a	4520	2200	2584	2920
RTAF 165 XSS SN	570,5	184,6	3,09	5,43	214,0	103	R134a	4650	2200	2584	3500
RTAF 200 XSS SN	702,1	221,5	3,17	5,23	206,0	101	R134a	5645	2200	2584	4765
RTAF 265 XSS SN	929,7	304,8	3,05	5,39	213,0	104	R134a	7524	2200	2584	5960
RTAF 330 XSS SN	1172,4	372,2	3,15	5,53	218,0	106	R134a	9396	2200	2584	6915

P_c: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P_{ec}: Total power input in cooling

η_{sc}: Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{s,c}/SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

RTAF G Process

	P _c (1) kW	SEPR-MT (1)	L (2) mm	W (2) mm	H (2) mm	OW (2) kg
RTAF 101 HSE SN/LN/XLN R1234	360,7	3,44	5645	2200	2526	4720
RTAF 141 HSE SN/LN/XLN R1234	478,2	3,44	8265	2200	2526	6675
RTAF 191 HSE SN/LN/XLN R1234	616,0	3,36	10135	2200	2526	8500

P_c: Cooling capacity

W: Width

SEPR-MT: Seasonal Energy Performance Ratio

H: Height

L: Length

OW : Operating Weight

(1): Outdoor air temperature 35°C and chilled water temperature -8°C / -4°C with 30% EG

(2): Basic unit without accessories

Improve Operations

Technology is continuously evolving and Trane Engineering is ahead of the curve in bringing innovation into product development. Our sustainable solutions deliver enhancements to the Trane installed base to make your chillers and heat pumps even "better than before". That's Trane Building Advantage - TBA.

Trane Rental Services

Cooling and heating are services, not products. A process or a building does not need a chiller or a boiler sitting on a roof, but a reliable and efficiency supply of cold or hot water, cold or warm air. This is the essence of what we do at Trane Rental Services. Let us take care of it for you.



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