



**TRANE**



## Sintesis Prime RTAF Air-Cooled Chiller



**TRANE**  
TECHNOLOGIES

## Sintesis Prime RTAF Air-Cooled Chiller



**Cooling capacity: 300-2090 kW**

**Heating capacity: -----**

- Low energy consumption: high full load (EER), seasonal comfort cooling (SEER) and process cooling (SEPR-HT and SEPR-MT) efficiencies
- Ultra wide operating map both on airside and waterside
- Highly configurable product design and options to meet specific performance requirements and budget needs
- Trane design and manufactured semi-hermetic screw compressor technology. Fixed and variable speed versions, plus variable Volume Index models to reach remarkable efficiency levels.
- Trane-patented flooded evaporator CHIL (Compact - High Performance - Integrated design - Low charge) design
- Latest Trane Symbio™ 800 adaptive controller.

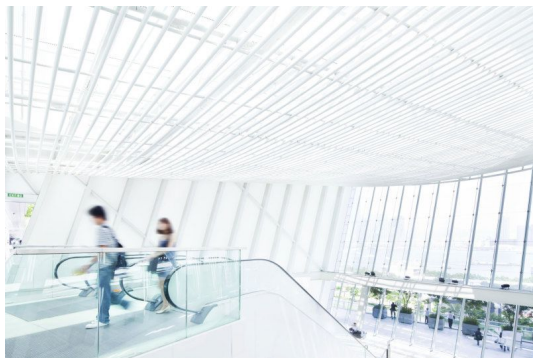


### **Smart, versatile, reliable**

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 RTAF units offer high performance and efficiency to all comfort and process cooling (SEPR-HT and SEPR-MT) applications.

The RTAF chillers operate with R1234ze, R513A or R134a refrigerants. They offer 7 different efficiency versions and versatile set of options, such as free cooling and heat-recovery, to further boost the system energy efficiency.

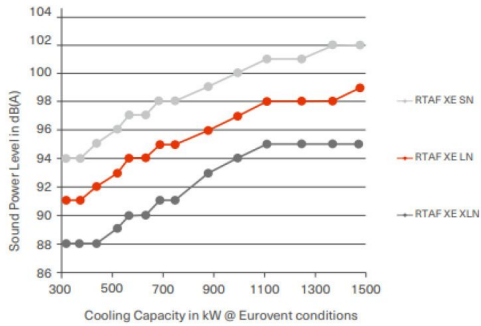


### **System efficiency with energy saving solutions**

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 while cooling.

All Trane Sintesis™ chillers use Symbio™ 800 controller and 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.

Standard, low, extra low, and whisper low noise levels are available.

## Range description

- The RTAF Prime product range of the Sintesis platform is available in seven efficiency versions:
  - SE, HE and XE with fixed speed compressors
  - HSS, HSE, XSS and XSE with variable speed compressors. XSS and XSE have Variable Volume Index screw technology.

These can be coupled with three low noise packages (SN, LN, XLN).

You can also choose between AC and EC fans, and three refrigerants: R1234ze, R513a and R134a.

## Technical specifications

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

## Product data

### RTAF HSE - XLN Extra Low Noise - R1234ze

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	$\eta_{sc}$ (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

$\eta_{sc}$ : 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.  $\eta_{sc}$ /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 <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>/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 - R1234ze

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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>/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 - R1234ze

	P <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>/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 - R1234ze

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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

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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<sub>sc</sub>/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 - R1234ze

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

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

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

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

$\eta_{sc}$ : 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.  $\eta_{sc}$ /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 - SN Standard Noise - R1234ze

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

$\eta_{sc}$ : 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.  $\eta_{s,c}$ /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

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	$\eta_{sc}$ (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

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

$\eta_{sc}$ : 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.  $\eta_{s,c}$ /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 <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>/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 <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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

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

$\eta_{sc}$ : 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.  $\eta_{sc}$ ,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 SE - XLN Extra Low Noise - R1234ze

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

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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

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

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

$\eta_{sc}$ : 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.  $\eta_{sc}$ /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 - R134a

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

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

$\eta_{sc}$ : 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.  $\eta_{s,c}$ /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 HSE - SN Standard Noise - R134a

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

<b>RTAF 450 HSE SN</b>	1597,5	545,2	2,93	5,02	198,0	107	R134a	13510	2200	2584	9050
<b>RTAF 510 HSE SN</b>	1813,3	579,3	3,13	5,18	204,0	104	R134a	13510	2200	2584	9600
<b>RTAF 550 HSE SN</b>	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

$\eta_{sc}$ : 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.  $\eta_{sc}$ ,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 HSS - XLN Extra Low Noise - R134a

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

$\eta_{sc}$ : 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.  $\eta_{s,c}$ /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 HSS - LN Low Noise - R134a

	Pc (1) kW	Pec (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 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  
 $\eta_{s,c}$ : 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 HSS - SN Standard Noise - R134a

	P <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (2) %	LwO (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<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>/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)	$\eta_{sc}$ (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

$\eta_{sc}$ : 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.  $\eta_{sc}$ /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)	$\eta_{sc}$ (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

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

$\eta_{sc}$ : 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.  $\eta_{sc}$ ,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 XE - SN Standard Noise - R134a

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



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

$\eta_{sc}$ : 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.  $\eta_{sc}$ /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 - XLN Extra Low Noise AC - R134a

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

$\eta_{sc}$ : 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.  $\eta_{sc}$ ,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 HE - LN Low Noise - R134a

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	$\eta_{sc}$ (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

$\eta_{sc}$ : 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.  $\eta_{sc}$ ,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 HE - SN Standard Noise - R134a

	P <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>s,c</sub>/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 <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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

$\eta_{sc}$ : 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.  $\eta_{sc}$ /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)	$\eta_{sc}$ (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

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

$\eta_{sc}$ : 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.  $\eta_{sc}$ ,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 SE - SN Standard Noise - R134a

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

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

$\eta_{sc}$ : 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.  $\eta_{sc}$ ,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)	$\eta_{sc}$ (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
<b>RTAF 100 XSE EC WLN</b>	344,8	88,6	3,89	6,33	250,0	83	R134a	5645	2200	2584	3613
<b>RTAF 165 XSE EC WLN</b>	553,2	149,9	3,69	6,35	251,0	89	R134a	6900	2200	2584	4246
<b>RTAF 200 XSE EC WLN</b>	691,2	199,2	3,47	5,97	236,0	88	R134a	7895	2200	2584	5591
<b>RTAF 265 XSE EC WLN</b>	905,5	248,1	3,65	6,27	248,0	91	R134a	10143	2200	2584	7129
<b>RTAF 330 XSE EC WLN</b>	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

$\eta_{sc}$ : 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.  $\eta_{sc}$ ,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 <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>,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 - LN Low Noise - R134a

	P <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>,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 - SN Standard Noise - R134a

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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>,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 XSS - WLN Whisper Low Noise - R134a

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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>,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 XSS - XLN Extra Low Noise - R134a

	P <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>,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 XSS - LN Low Noise - R134a

	P <sub>c</sub> (1) kW	P <sub>ec</sub> (1) kW	EER (1)	SEER (2)	η <sub>sc</sub> (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<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>sc</sub>,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 XSS - SN Standard Noise - R134a

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

P<sub>c</sub>: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

P<sub>ec</sub>: Total power input in cooling

η<sub>sc</sub>: 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<sub>s,c</sub>/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

## 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.



**Read more <https://trane.eu/rental>**

Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.eu](https://trane.eu) or [tranetechnologies.com](https://tranetechnologies.com).