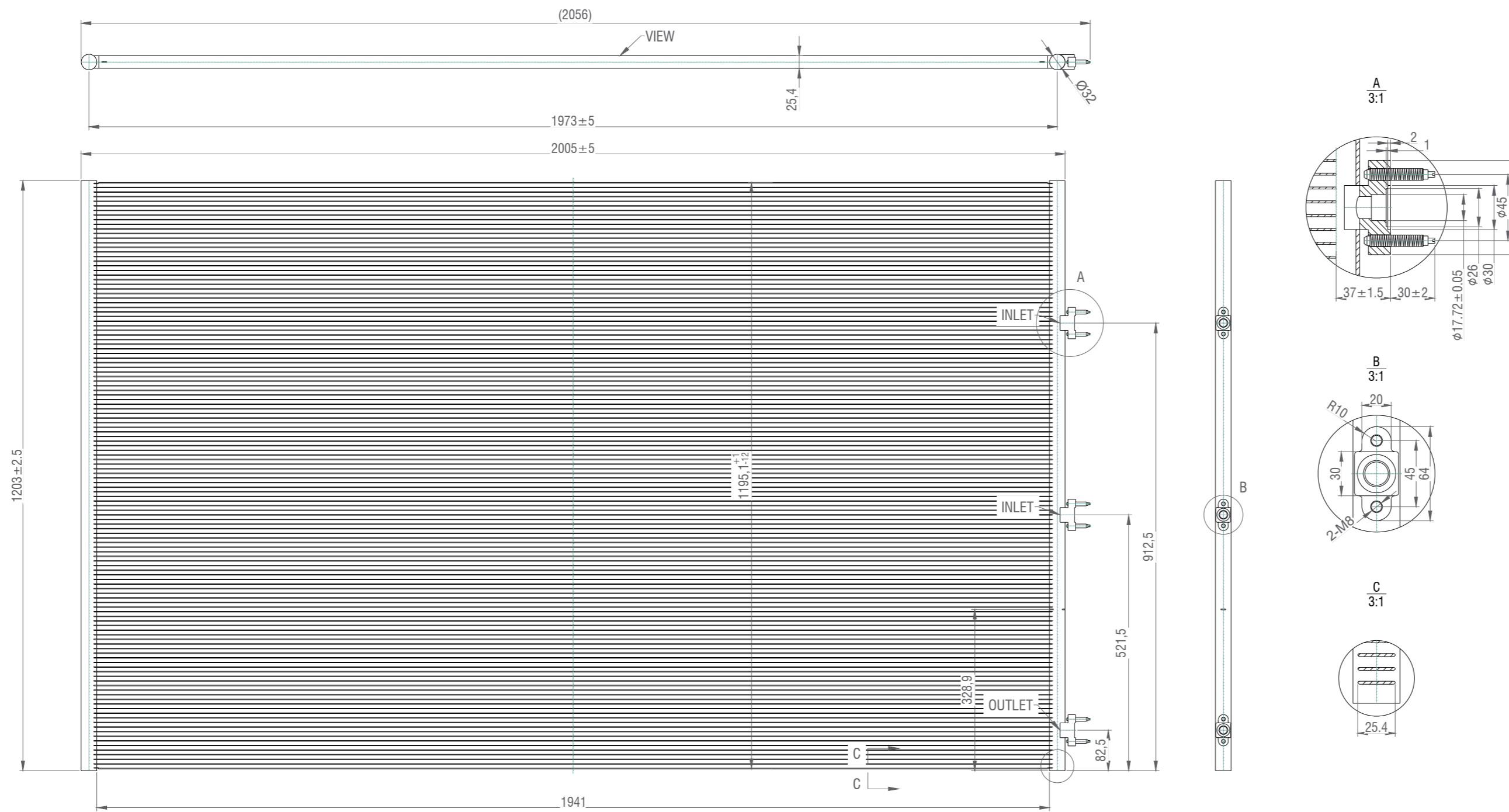


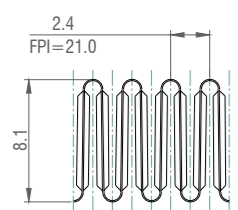
Microchannel Heat Exchanger: RTAF-MCHE-OEM

Product Specification

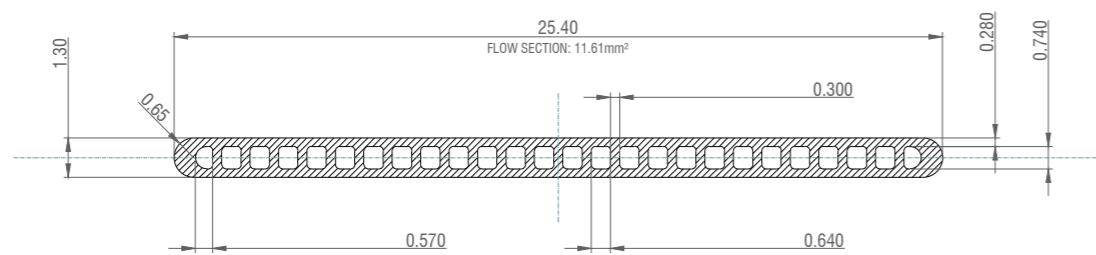


Application/Purpose		REFRIGERANT CONDENSER
Refrigerant(s)		HIGH-PRESSURE
Tube Orientation		HORIZONTAL
Weight	kg	26.0
Internal Volume	dm <sup>3</sup>	4.30
<b>Multi-port Tubes</b>		
Quantity		125
Width	mm	25.4
Height	mm	1.3
Ports/Tube		26
Material		HA9153(3F03) + Zn-H112 (S)LLA ZAS
<b>Refrigerant Manifolds</b>		
Diameter	mm	32.0
Wall Thickness	mm	2.5
Material		AA4045/AA3005
<b>Airside Fins</b>		
Type		LOUVERED
Width	mm	25.4
Fin Density	FPI	21.0
Thickness	mm	0.08
Material		AA4343/FA7971/4343-H14SR
<b>Refrigerant Inlet Connection(s)</b>		
Quantity		2
Type		FLANGED
Outer Diameter	mm	17.72
<b>Refrigerant Outlet Connection(s)</b>		
Quantity		1
Type		FLANGED
Outer Diameter	mm	17.72
Flow Arrangement		2-PASS (TUBES: 91/34)
Pressure Rating	bar	45
Burst Pressure	MPa	13.5
SWAAT Hours w/o Leakages	hrs	3000+
Nitrogen Sealing	MPa	0.05-0.10
Protective Coating/Treatment		UNCOATED/E-COATED

AIRSIDE FINS L25.4-8.1/0.08-21.0  
LOUVERED-TYPE  
5:1



MULTI-PORT EXTRUSION TUBE 25.4/1.3-26-HP  
SECTIONAL VIEW  
10:1



UNSPECIFIED LINEAR DIMENSION TOLERANCE  
ISO 2768-1 GRADE C (GB/T 1804 CLASS C)

TOLERANCE CLASS	BASIC SIZE (MM)						
	0.5	3.0	6.0	30	120	400	1000
m	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±2.0
c	±0.2	±0.3	±0.5	±0.8	±1.2	±2.0	±4.0

TITLE Microchannel Heat Exchanger: RTAF-MCHE-OEM

Art. No: RTAF-MCHE-OEM

Model Code: RTAF-MCHE-OEM

Format: A2

Apvl			
B0			Installation instructions: refer to <a href="https://www.kaltra.com/downloads#replacement-coils">https://www.kaltra.com/downloads#replacement-coils</a>
B0			Microchannel condenser coil for Trane RTAF series chillers / Replacement coil
Rev.	Date	Name	Details of modification(s)

ISO 128	Tolerances: ISO 2768-1 GRADE C	Standards/Norms: EN378-2; JB/T11967; UL207
A2	Unless otherwise specified, all dimensions are specified in MM	
Approved	2020/08/22	Manuf. No.
Checked	2020/08/22	Proj./Order No. n/a
Drawn	2020/08/22	Sales Order n/a
Date	Name	---

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Web: <https://www.kaltra.com>

CE UK CA

Drawing No.	RTAF-MCHE-OEM
Revision	B0
Date	2020/08/22
Scale	Not to scale
File	Trane-RTAF-MCHE-OEM.DWG
Sheet	1 of 1

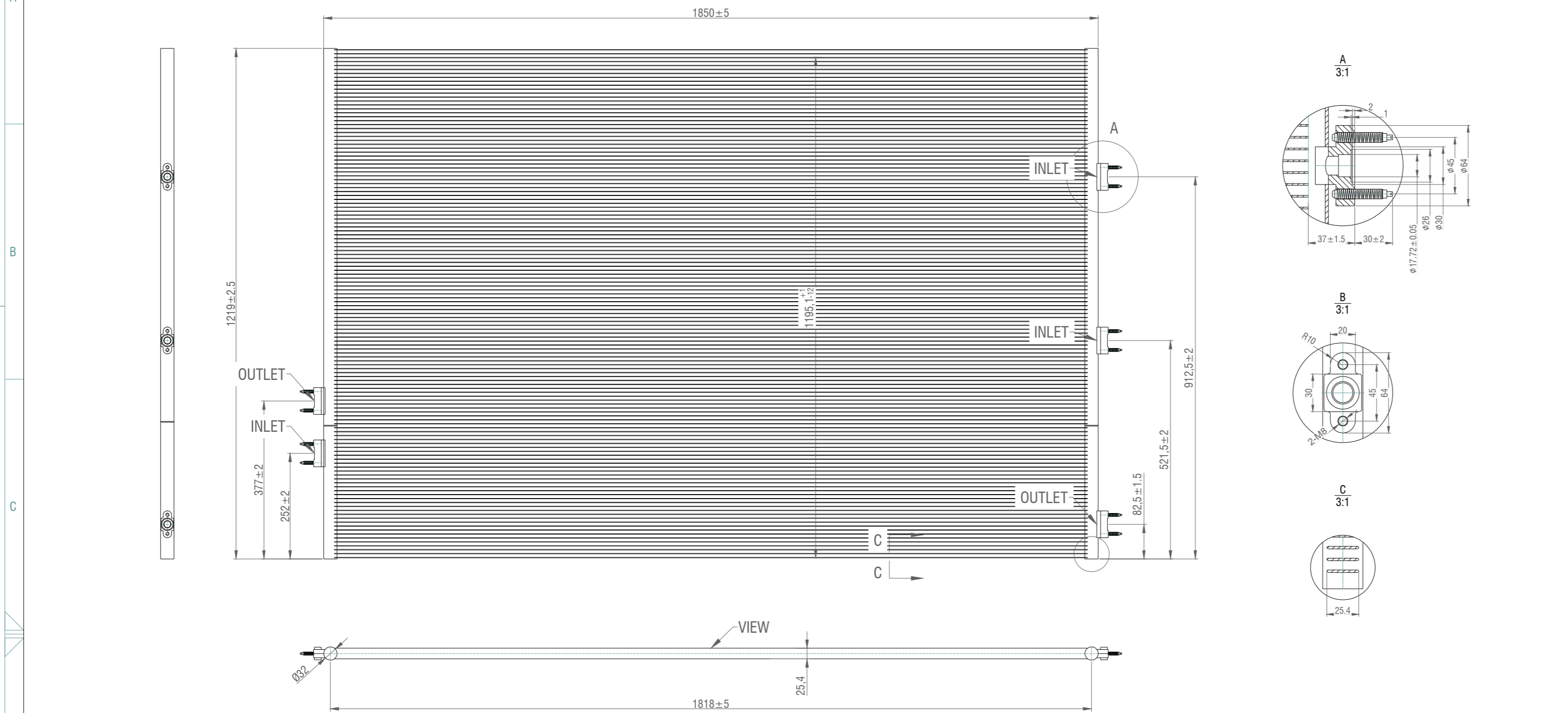
The present drawing is to be read in conjunction with other relevant drawings and specifications related to the product.  
This drawing is the property of Kaltra GmbH. It must not be disclosed to any third party, copied or used for production without written authorization from the owner.

--- Released for approval ---

Microchannel Heat Exchanger: CGAF-MCHE-OEM

Product Specification

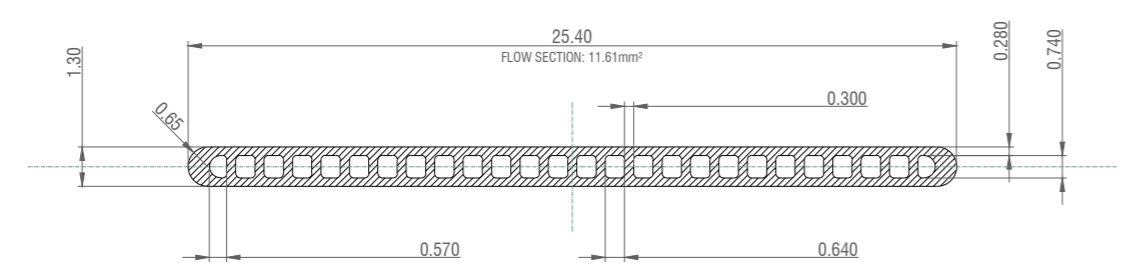
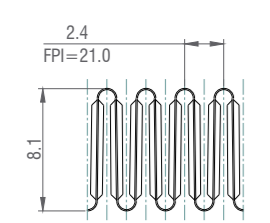
Application/Purpose		REFRIGERANT CONDENSER
Refrigerant(s)		HIGH-PRESSURE
Tube Orientation		HORIZONTAL
Weight	kg	26.3
Internal Volume	dm <sup>3</sup>	4.20
Multi-port Tubes		
Quantity		128
Width	mm	25.4
Height	mm	1.3
Ports/Tube		26
Material		HA9153(3F03) + Zn-H112 (S)LLA ZAS
Refrigerant Manifolds		
Diameter	mm	32.0
Wall Thickness	mm	2.5
Material		AA4045/AA3005
Airside Fins		
Type		LOUVERED
Width	mm	25.4
Fin Density	FPI	21.0
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Refrigerant Inlet Connection(s)		
Quantity		2
Type		FLANGED
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Refrigerant Outlet Connection(s)		
Quantity		1
Type		FLANGED
Outer Diameter	mm	17.72
Flow Arrangement		2-PASS (TUBES: 96/32)
Pressure Rating	bar	45
Burst Pressure	MPa	13.5
SWAAT Hours w/o Leakages	hrs	3000+
Nitrogen Sealing	MPa	0.05-0.10
Protective Coating/Treatment		UNCOATED/E-COATED



AIRSIDE FINS L25.4-8.1/0.08-21.0  
LOUVERED-TYPE  
5:1

MULTI-PORT EXTRUSION TUBE 25.4/1.3-26-HP  
SECTIONAL VIEW  
10:1

UNSPECIFIED LINEAR DIMENSION TOLERANCE  
ISO 2768-1 GRADE C (GB/T 1804 CLASS C)



TOLERANCE CLASS	BASIC SIZE (MM)						
	0.5	3.0	6.0	30	120	400	1000
m	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±2.0
c	±0.2	±0.3	±0.5	±0.8	±1.2	±2.0	±4.0



TITLE: Microchannel Heat Exchanger: CGAF-MCHE-OEM				Art. No: CGAF-MCHE-OEM				Model Code: CGAF-MCHE-OEM				Format: A2	
Apvl				ISO 128	Tolerances: ISO 2768-1 GRADE C		Standards/Norms: EN378-2; JB/T11967; UL207		 KALTRA Gesellschaft m. b. H. Viktualienmarkt 8 • 80331 München • Deutschland Schwarzenbergplatz 6 • 1030 Wien • Österreich Email: info@kaltra.de, info@kaltra.at Web: https://www.kaltra.com		Drawing No.	CGAF-MCHE-OEM	
				A2	Unless otherwise specified, all dimensions are specified in MM						Revision	B0	
B0	Installation instructions: refer to <a href="https://www.kaltra.com/downloads#replacement-coils">https://www.kaltra.com/downloads#replacement-coils</a>			Approved	2023/03/10	Manuf. No.				Date	2023/03/10		
B0	Microchannel condenser coil for Trane CGAF series chillers / Replacement coil			Checked	2023/03/10	Proj./Order No.		n/a		Scale	Not to scale		
Rev.	Date	Name	Details of modification(s)	Drawn	2023/03/10	Sales Order		n/a		File	Trane-CGAF-MCHE-OEM.DWG		
				Date	Name	---		Released for approval ---		Sheet	1 of 1		