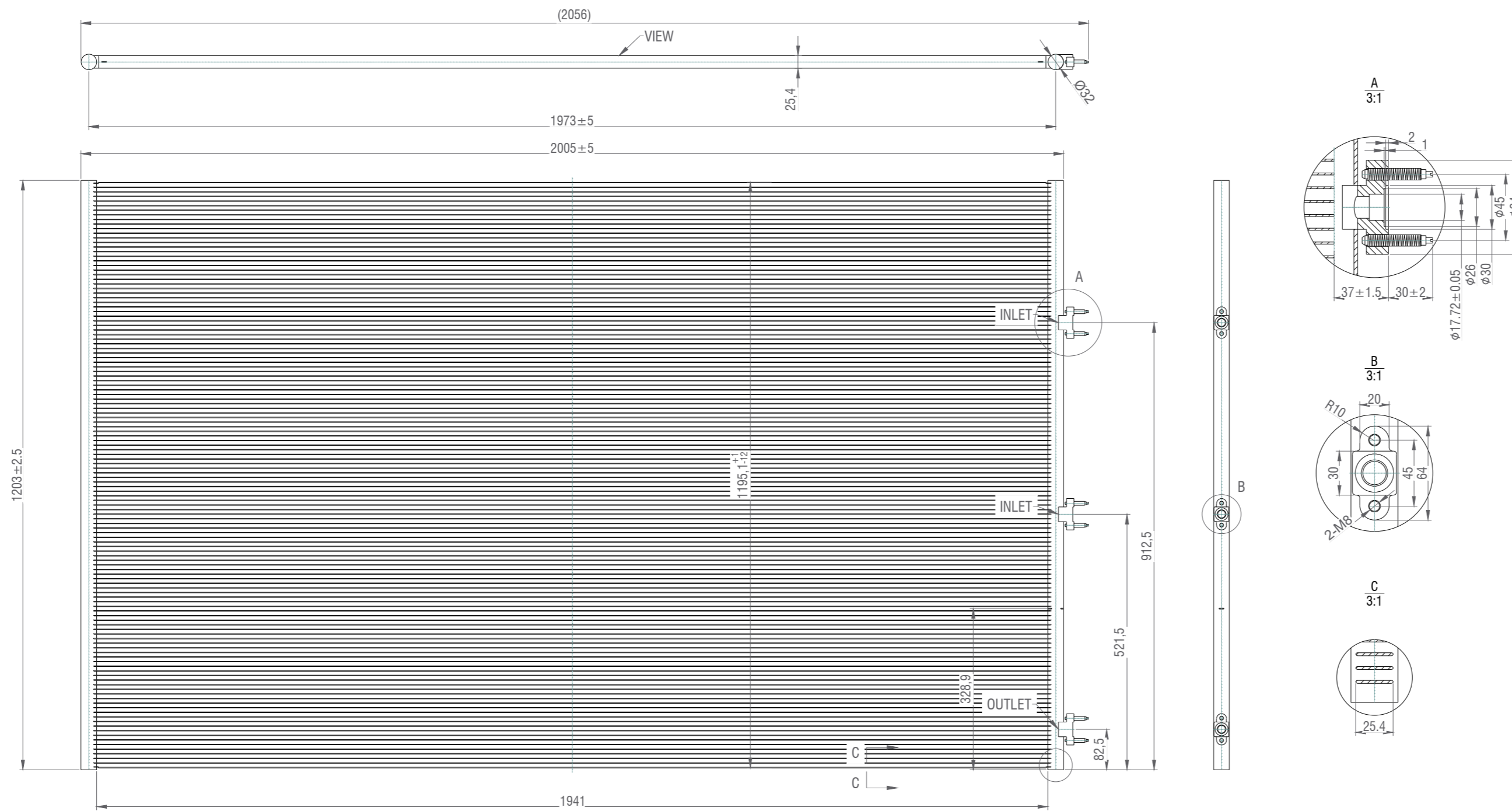


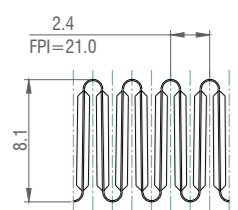
Microchannel Heat Exchanger: RTAF-MCHE-OEM

Product Specification

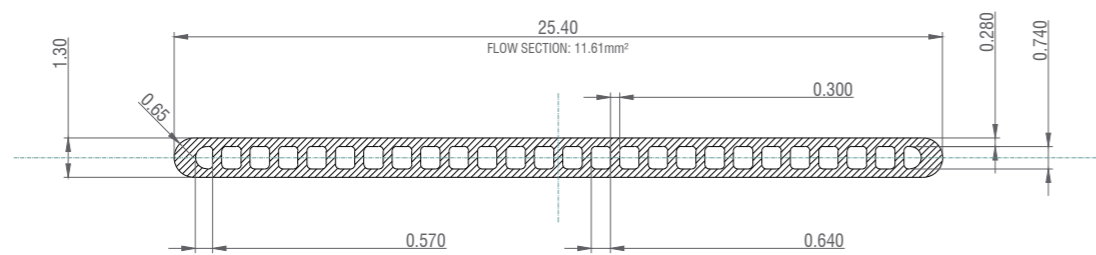


Application/Purpose		REFRIGERANT CONDENSER
Refrigerant(s)		HIGH-PRESSURE
Tube Orientation		HORIZONTAL
Weight	kg	26.0
Internal Volume	dm <sup>3</sup>	4.30
<b>Multi-port Tubes</b>		
Quantity		125
Width	mm	25.4
Height	mm	1.3
Ports/Tube		26
Material		HA9153(3F03) + Zn-H112 (S)LLA ZAS
<b>Refrigerant Manifolds</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	3.0 +6.0	6.0 +30	30 +120	120 +400	400 +1000	1000 +2000
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			
Rev.	Date	Name	Details of modification(s)
1			
2			
3			
4			

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	---

 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.	RTAF-MCHE-OEM
	Revision	B0
	Date	2020/08/22
	Scale	Not to scale
	File	Trane-RTAF-MCHE-OEM.DWG
	Sheet	1 of 1

--- Released for approval ---