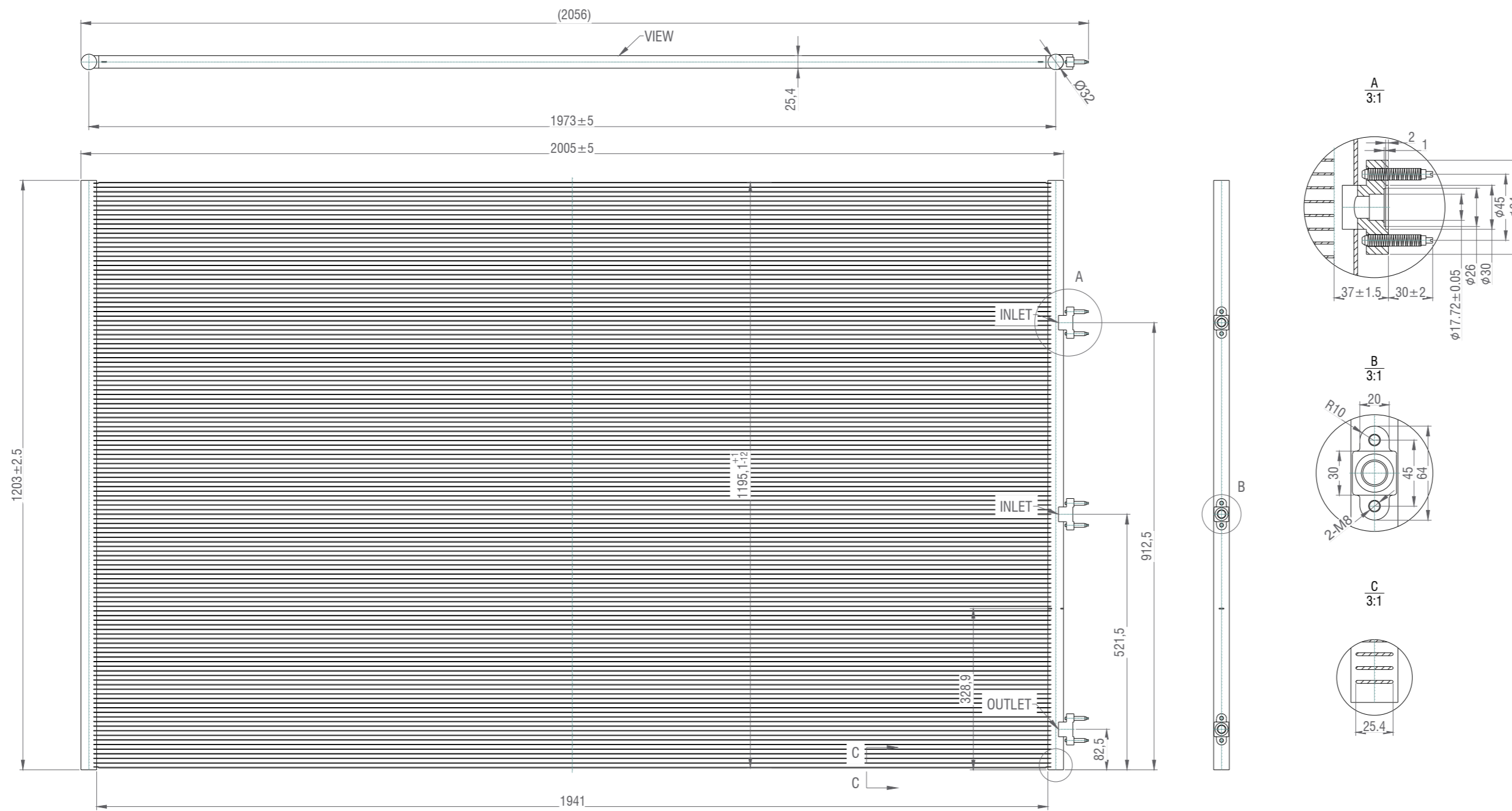


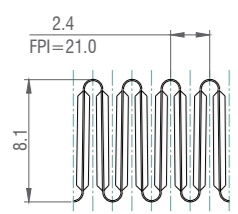
Microchannel Heat Exchanger: RTAF-MCHE-OEM

Product Specification

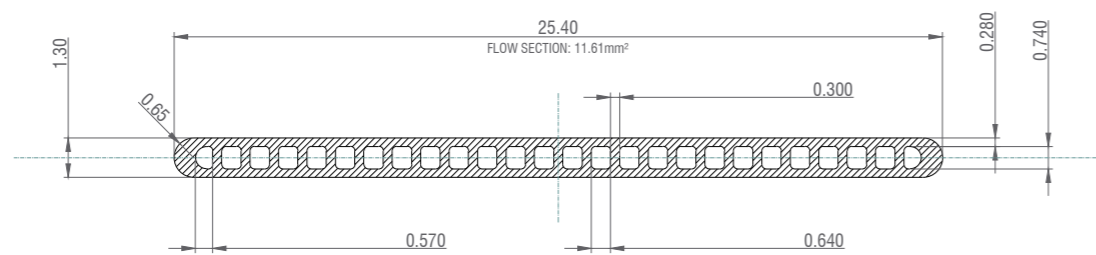


Application/Purpose		REFRIGERANT CONDENSER
Refrigerant(s)		HIGH-PRESSURE
Tube Orientation		HORIZONTAL
Weight	kg	26.0
Internal Volume	dm ³	4.30
Multi-port Tubes		
Quantity		125
Width	mm	25.4
Height	mm	1.3
Ports/Tube		26
Material		HA9153(3F03) + Zn-H112 (S)LLA ZAS
Refrigerant Manifolds		
Diameter	mm	32.0
Wall Thickness	mm	2.5
Material		AA4045/AA3005
Airside Fins		
Type		LOUVERED
Width	mm	25.4
Fin Density	FPI	21.0
Thickness	mm	0.08
Material		AA4343/FA7971/4343-H14SR
Refrigerant Inlet Connection(s)		
Quantity		2
Type		FLANGED
Outer Diameter	mm	17.72
Refrigerant Outlet Connection(s)		
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 https://www.kaltra.com/downloads#replacement-coils
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	---

KALTRA
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>

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 ---