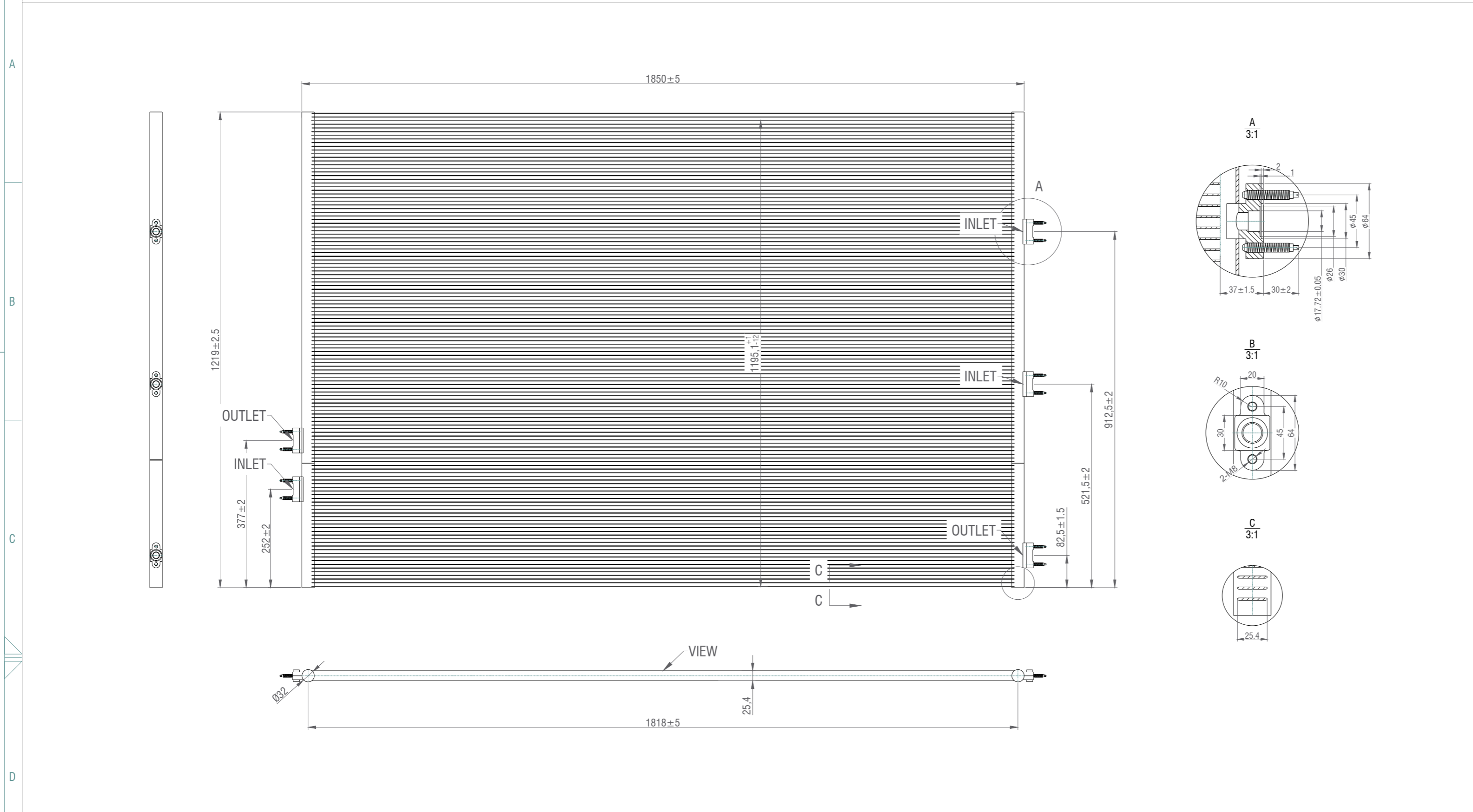


Microchannel Heat Exchanger: CGAF-MCHE-OEM

Product Specification

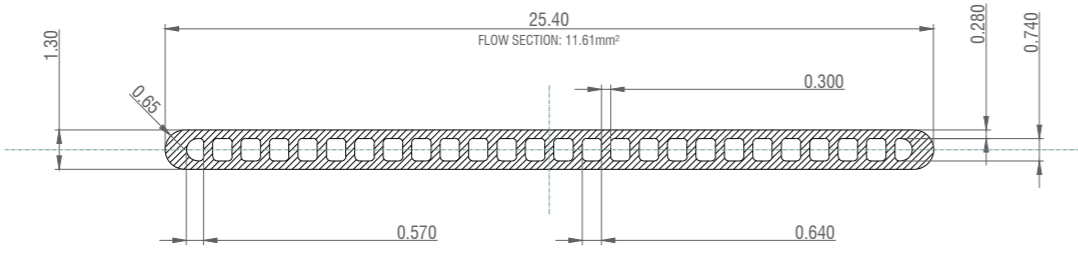
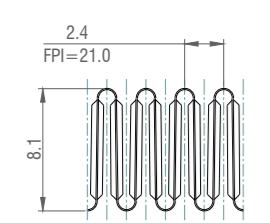


Application/Purpose		REFRIGERANT CONDENSER
Refrigerant(s)		HIGH-PRESSURE
Tube Orientation		HORIZONTAL
Weight	kg	26.3
Internal Volume	dm <sup>3</sup>	4.20
Multi-port Tubes		
Quantity		128
Width	mm	25.4
Height	mm	1.3
Ports/Tube		26
Material		HA9153(3F03) + Zn-H112 (S)LLA ZAS
Refrigerant Manifolds		
Diameter	mm	32.0
Wall Thickness	mm	2.5
Material		AA4045/AA3005
Airside Fins		
Type		LOUVERED
Width	mm	25.4
Fin Density	FPI	21.0
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: 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	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: CGAF-MCHE-OEM			Art. No: CGAF-MCHE-OEM		
Apvl	_____			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	2023/03/10	Manuf. No.
	_____			Checked	2023/03/10	Proj./Order No. n/a
B0	Installation instructions: refer to <a href="https://www.kaltra.com/downloads#replacement-coils">https://www.kaltra.com/downloads#replacement-coils</a>			Drawn	2023/03/10	Sales Order n/a
Rev.	Date	Name	Details of modification(s)	Date	Name	--- Released for approval ---

Model Code: CGAF-MCHE-OEM		Format: A2
 KALTRA Gesellschaft m. b. H. Viktualienmarkt 8 • 80331 München • Deutschland Schwarzenbergplatz 6 • 1030 Wien • Österreich Email: <a href="mailto:info@kaltra.de">info@kaltra.de</a> , <a href="mailto:info@kaltra.at">info@kaltra.at</a> Web: <a href="https://www.kaltra.com">https://www.kaltra.com</a> <small>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.</small>	Drawing No.	CGAF-MCHE-OEM
	Revision	B0
	Date	2023/03/10
	Scale	Not to scale
	File	Trane-CGAF-MCHE-OEM.DWG
	Sheet	1 of 1