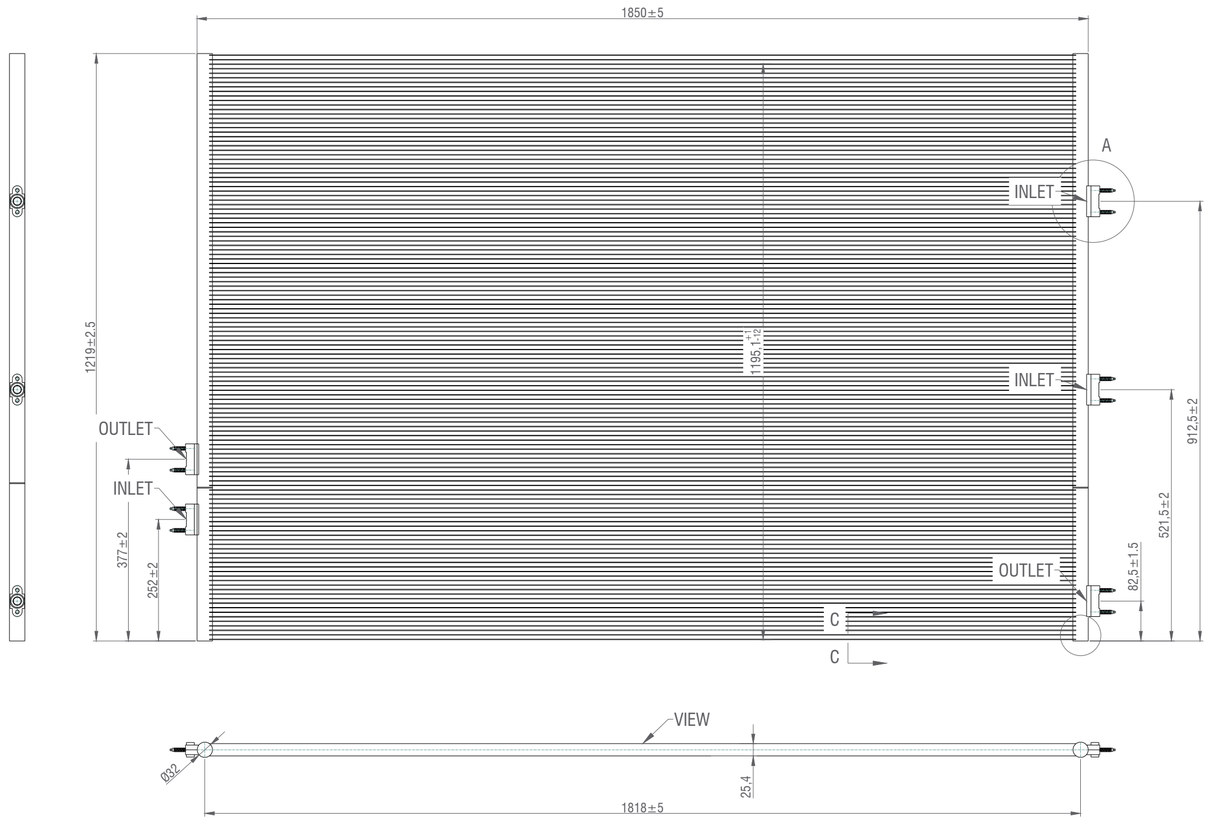
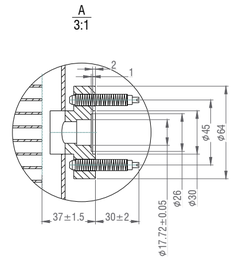
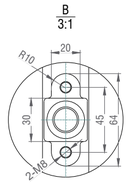
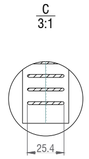
Microchannel Heat Exchanger: CGAF-MCHE-OEM

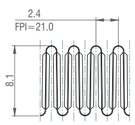




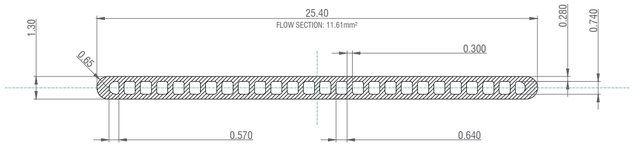




AIRSIDE FINS L25.4-8.1/0.08-21.0
LOUVERED-TYPE
5:1



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

Product Specification

Application/Purpose		*REFRIGERANT CONDENSER*
Refrigerant(s)		*HIGH-PRESSURE*
Tube Orientation		*HORIZONTAL*
Weight	*kg*	*26.3*
Internal Volume	*dm³*	*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*

CE UKCA

TITLE	Microchannel Heat Exchanger: CGAF-MCHE-OEM		
Apvl	___/__/__	____	_____
B0			Installation instructions: refer to https://www.kaltra.com/downloads#replacement-coils
B0			Microchannel condenser coil for Trane CGAF series chillers / Replacement coil
Rev.	Date	Name	Details of modification(s)

Art. No: CGAF-MCHE-OEM				
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
Drawn	2023/03/10		Sales Order	n/a
	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: info@kaltra.de, info@kaltra.at
Web: https://www.kaltra.com

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.

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