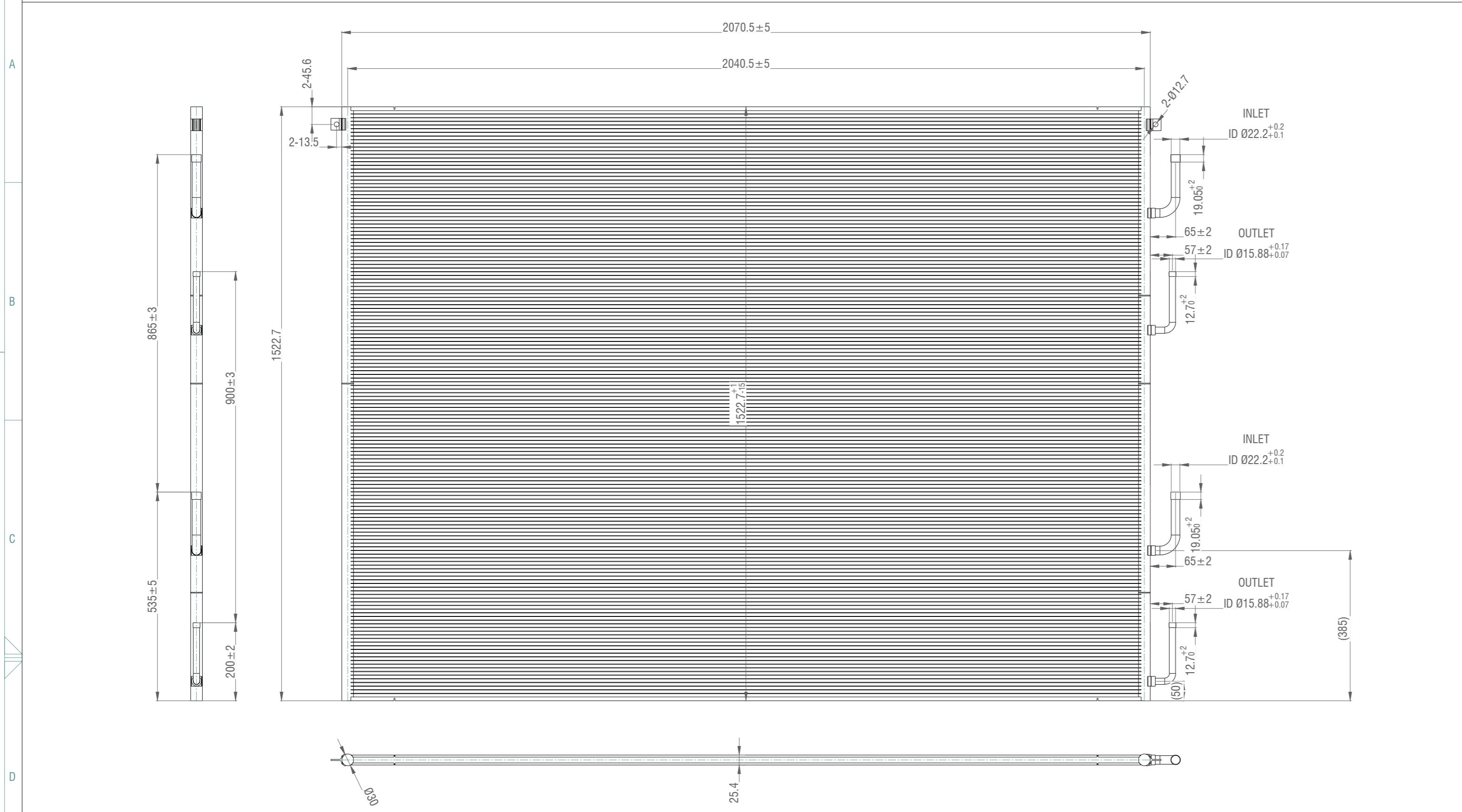


Microchannel Heat Exchanger: 38AP400947-OEM

Product Specification

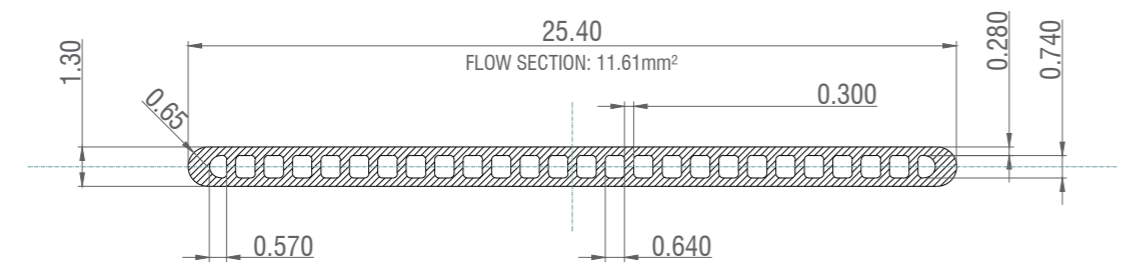
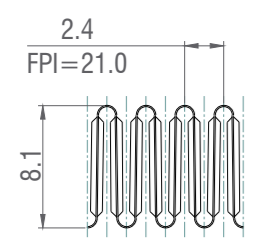


Application/Purpose		CARRIER 38AP400947 CONDENSER COIL
Refrigerant(s)		HIGH-PRESSURE
Tube Orientation		HORIZONTAL
Weight	kg	---
Internal Volume	dm ³	5.60
Multi-port Tubes		
Quantity		74 + 85
Width	mm	25.4
Height	mm	1.3
Ports/Tube		26
Material		HA9153(3F03) + Zn-H112 (S)LLA ZAS
Refrigerant Manifolds		
Diameter	mm	30.0
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		COPPER w/ SHRINK SLEEVE
Outer Diameter	mm	22.20
Refrigerant Outlet Connection(s)		
Quantity		2
Type		COPPER w/ SHRINK SLEEVE
Outer Diameter	mm	15.88
Flow Arrangement		2x 2-PASS (TUBES: 50/24 + 57/28)
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	3.0 +6	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: 38AP400947-OEM				Art. No: 38AP400947-OEM				Model Code: 38AP400947-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					
				A2		Unless otherwise specified, all dimensions are specified in MM									
A0				Approved		2024/11/27		Manuf. No.							
A0				Checked		2024/11/27		Proj./Order No.		n/a					
A0				Drawn		2024/11/27		Sales Order		n/a					
Rev.				Date		Name		---		Released for approval ---					
Installation instructions: refer to https://www.kaltra.com/downloads#replacement-coils												Drawing No. 38AP400947-MCHE-OEM			
Microchannel condenser coil for Carrier 38AP Series (38AP400947) / Replacement coil												Revision A0			
												Date 2024/11/27			
												Scale Not to scale			
												File Carrier-38AP400947-OEM.DWG			
												Sheet 1 of 1			