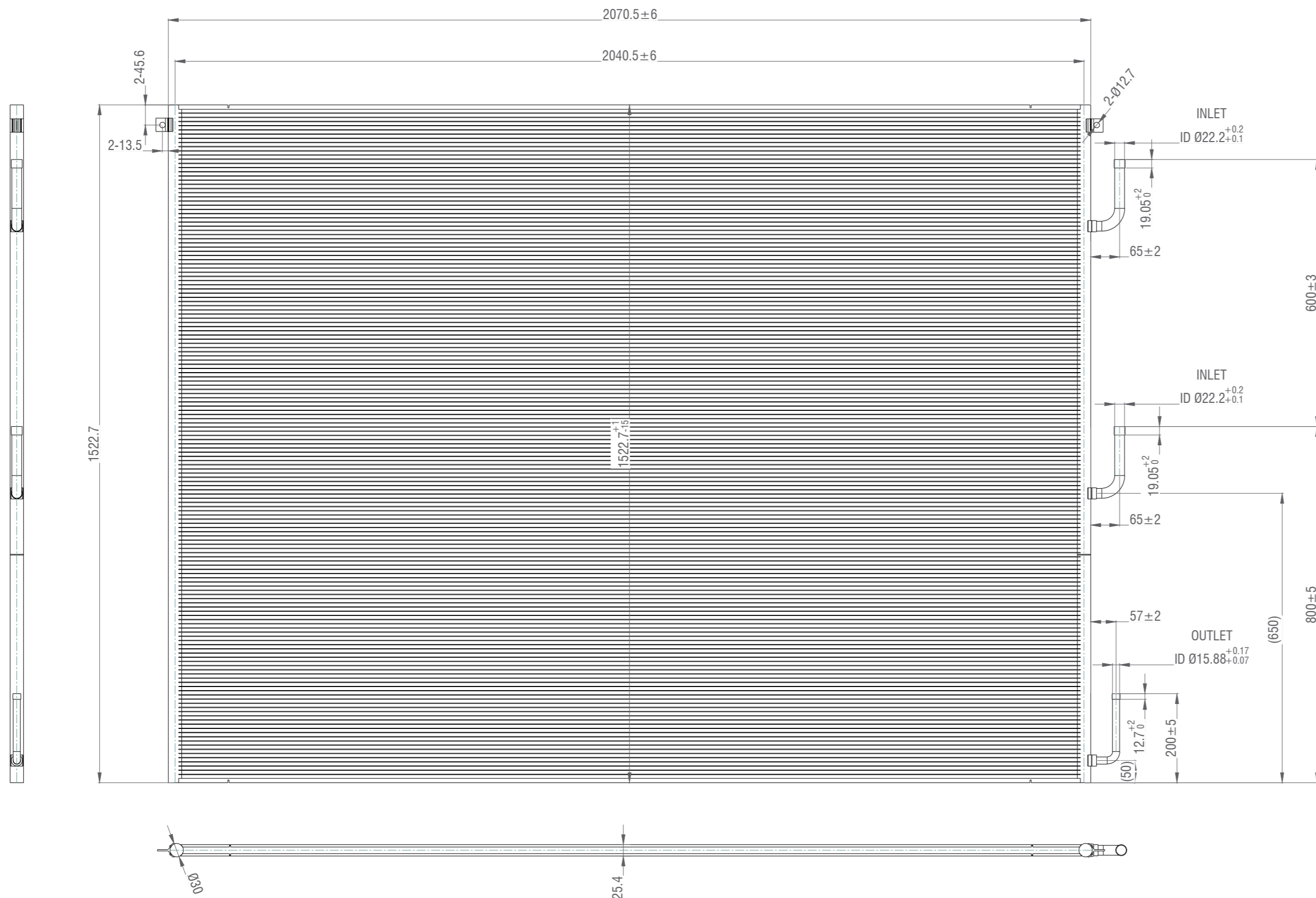
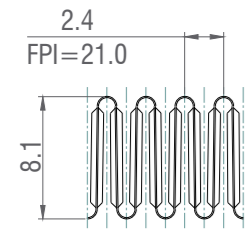


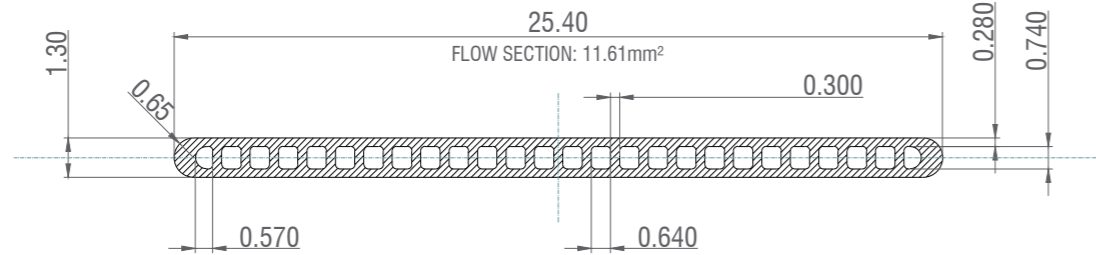
Microchannel Heat Exchanger: 38AP400946-OEM



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 | | CARRIER 38AP400946 CONDENSER COIL |
| Refrigerant(s) | | HIGH-PRESSURE |
| Tube Orientation | | HORIZONTAL |
| Weight | kg | --- |
| Internal Volume | dm³ | 5.50 |
| Multi-port Tubes | | |
| Quantity | | 159 |
| 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 | | 1 |
| Type | | COPPER w/ SHRINK SLEEVE |
| Outer Diameter | mm | 15.88 |
| Flow Arrangement | | 2-PASS (TUBES: 106/53) |
| 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 |



| | | | | | | | | | | | | | | | |
|--|--|--|--|-------------------------|--|--|--|--|--|--|--|------------|--|--|--|
| TITLE: Microchannel Heat Exchanger: 38AP400946-OEM | | | | Art. No: 38AP400946-OEM | | | | Model Code: 38AP400946-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: Installation instructions: refer to https://www.kaltra.com/downloads#replacement-coils | | | | Approved | | 2024/11/27 | | Manuf. No. | | | | | | | |
| A0: Microchannel condenser coil for Carrier 38AP Series (38AP400946) / Replacement coil | | | | Checked | | 2024/11/27 | | Proj./Order No. | | n/a | | | | | |
| Rev. Date Name Details of modification(s) | | | | Drawn | | 2024/11/27 | | Sales Order | | n/a | | | | | |
| | | | | Date | | Name | | --- Released for approval --- | | | | | | | |

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. | 38AP400946-MCHE-OEM |
| Revision | A0 |
| Date | 2024/11/27 |
| Scale | Not to scale |
| File | Carrier-38AP400946-OEM.DWG |
| Sheet | 1 of 1 |