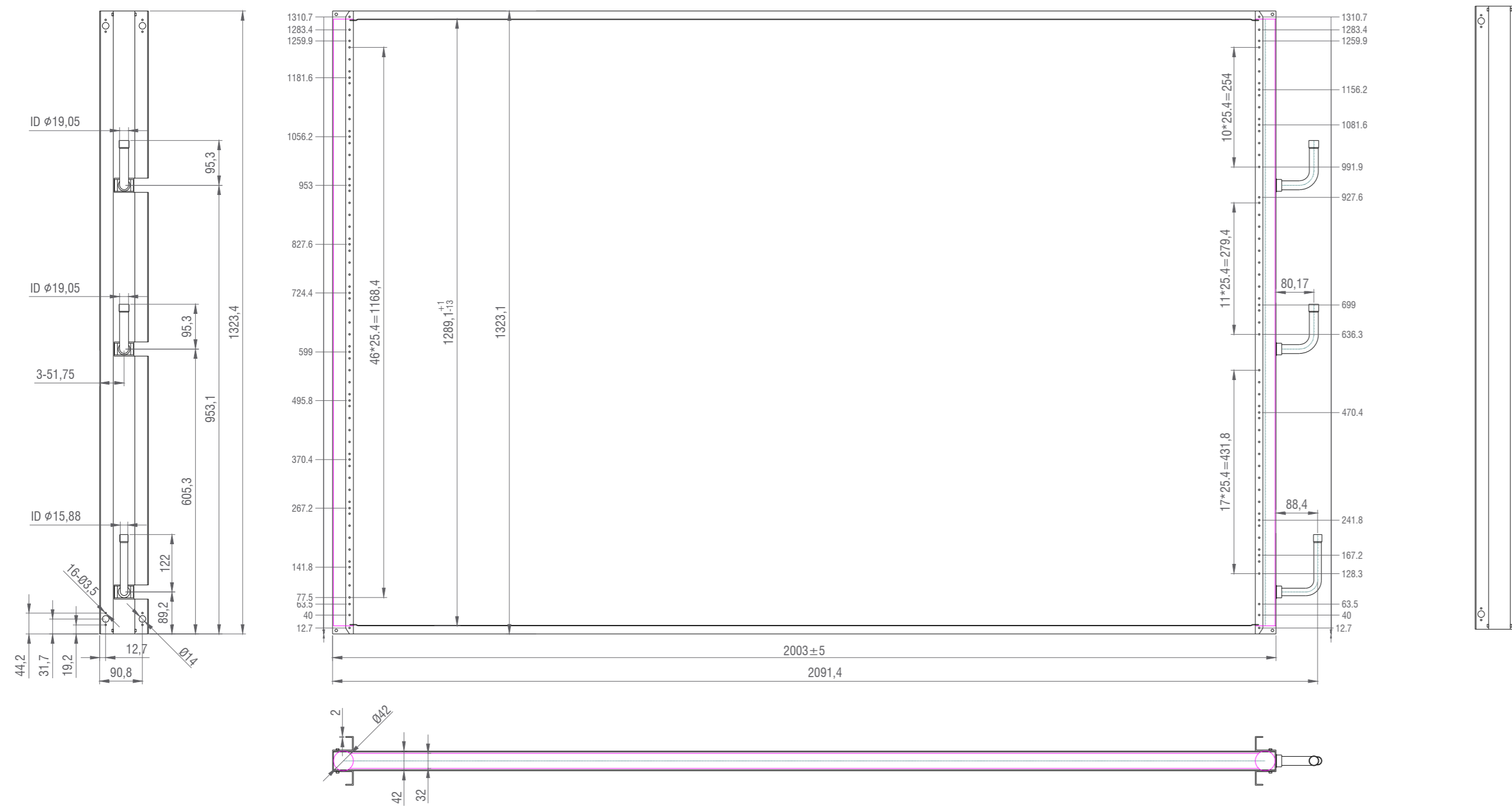


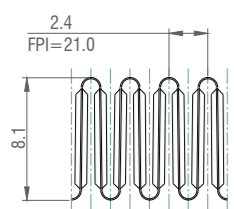
Microchannel Heat Exchanger: 30XV50048601 / 30XV50048602

Product Specification

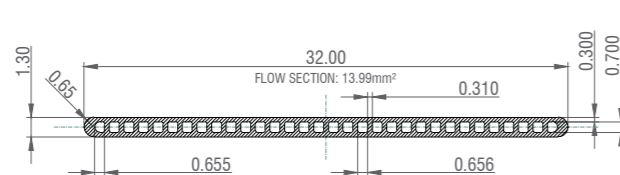


Application/Purpose		REFRIGERANT CONDENSER
Refrigerant(s)		MEDIUM-PRESSURE
Tube Orientation		HORIZONTAL
Weight	kg	---
Internal Volume	dm ³	---
Multi-port Tubes		
Quantity		136
Width	mm	32.0
Height	mm	1.3
Ports/Tube		32
Material		HA9153(3F03) + Zn-H112 (S)LLA ZAS
Refrigerant Manifolds		
Diameter	mm	42.0
Wall Thickness	mm	2.5
Material		AA4045/AA3005
Airside Fins		
Type		LOUVERED
Width	mm	32.0
Fin Density	FPI	21.0
Thickness	mm	0.08
Material		AA4343/FA7971/4343-H14SR
Refrigerant Inlet Connection(s)		
Quantity		2
Type		COPPER TUBE / HEATSHRINK
Outer Diameter	mm	19.05
Refrigerant Outlet Connection(s)		
Quantity		1
Type		COPPER TUBE / HEATSHRINK
Outer Diameter	mm	15.88
Flow Arrangement		2-PASS (TUBES: 86/50)
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 32.0/1.3-32-HP
SECTIONAL VIEW
5:1



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: 30XV50048601 / 30XV50048602

Art. No: 30XV50048601 / 30XV50048602

Model Code: 30XV50048601 / 30XV50048602

Format: A2

Apvl			
B0			
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	2020/02/16	Manuf. No.
Checked	2020/02/16	Proj./Order No. n/a
Drawn	2020/02/16	Sales Order n/a
Date	Name	---

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	Revision	B0
	Date	2020/02/16
	Scale	Not to scale
	File	30XV-OEM-MCHE-Rev.B0.DWG
	Sheet	1 of 1

--- Released for approval ---