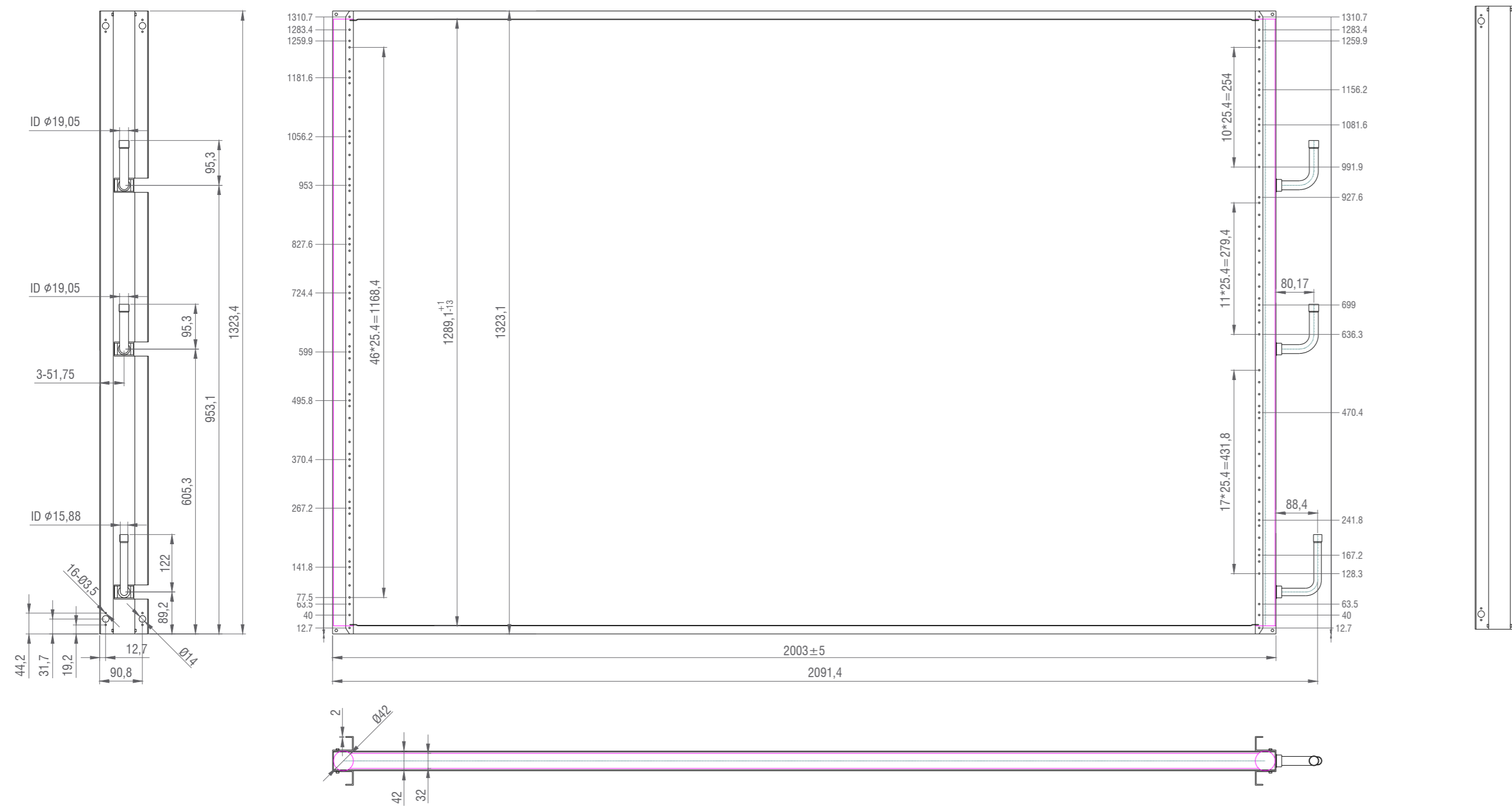


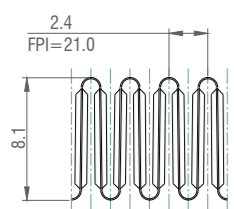
Microchannel Heat Exchanger: 30XV50048601 / 30XV50048602

Product Specification

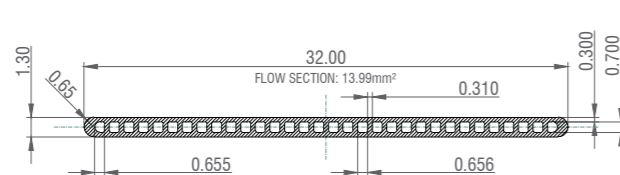


Application/Purpose		REFRIGERANT CONDENSER
Refrigerant(s)		MEDIUM-PRESSURE
Tube Orientation		HORIZONTAL
Weight	kg	---
Internal Volume	dm <sup>3</sup>	---
<b>Multi-port Tubes</b>		
Quantity		136
Width	mm	32.0
Height	mm	1.3
Ports/Tube		32
Material		HA9153(3F03) + Zn-H112 (S)LLA ZAS
<b>Refrigerant Manifolds</b>		
Diameter	mm	42.0
Wall Thickness	mm	2.5
Material		AA4045/AA3005
<b>Airside Fins</b>		
Type		LOUVERED
Width	mm	32.0
Fin Density	FPI	21.0
Thickness	mm	0.08
Material		AA4343/FA7971/4343-H14SR
<b>Refrigerant Inlet Connection(s)</b>		
Quantity		2
Type		COPPER TUBE / HEATSHRINK
Outer Diameter	mm	19.05
<b>Refrigerant Outlet Connection(s)</b>		
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			Installation instructions: refer to <a href="https://www.kaltra.com/downloads#replacement-coils">https://www.kaltra.com/downloads#replacement-coils</a>
B0			Microchannel condenser coil for Carrier 30XV series chillers / Replacement coil
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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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.	30XV-OEM-MCHE (Carrier 30XV)
Revision	B0
Date	2020/02/16
Scale	Not to scale
File	30XV-OEM-MCHE-Rev.B0.DWG
Sheet	1 of 1