



**2025**

**CATALOGUE**

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# INTRODUCTION

## Background

### Company History

Cape Heat Exchange (Pty) Ltd is situated in Paarl, South Africa, about 50 km outside of Cape Town. The company traces its origins back to the establishment of Cape Radiators in 1968. This year the company celebrated its 30th year of existence, and this clearly positions us as a stabilized company in the heat transfer field.

### What we do

We are an independently established and dynamic company that develops, manufactures and markets heat exchangers for use in various original equipment manufacturer (OEM) applications, the automotive industry and industrial aftermarkets.

## Strategy & Vision

### Vision & objectives

Our vision and objectives are to expand and diversify product lines through continuous and innovative improvement, not only product development but also keeping up to date with the latest machinery & equipment.

### Mission statement

Our product quality is a direct result of the many years' experience and the use of the most modern techniques and advances in heat transfer technology (HTT). Our product diversity and experience gains us the recognition of South Africa's most complete supplier of high quality radiator products and industrial coolers. We not only manufacture new products but are also able to repair, clean and test heat exchangers. We also have a fully functional radiator shop on site and are able to help customers while they wait.

### Values

Customer service through superlative service. In that we strive to work with a client to meet their requirements no matter the specifications.

### Growth strategy

To adapt to ever changing nature of the industry and the versatility of the field that we supply.



# INTRODUCTION

## Products & Services

### Products

Our products include the following:

- Inter coolers
- Tube & shell oil coolers
- All types of marine coolers
- Hydraulic oil coolers
- Automotive oil coolers
- Steam heat exchangers
- Oil coolers in various designs
- Heavy duty radiator cores
- Special application radiator cores
- Aftercoolers
- Plastic & brass radiator tanks
- Spiral tubes
- Withnell tube oil coolers
- Transmission oil coolers

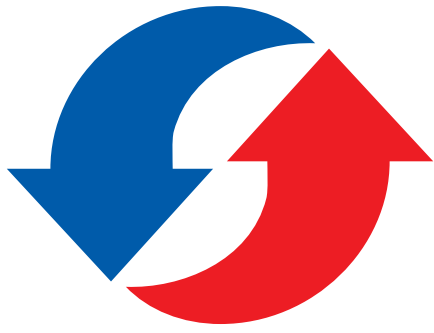
### Services

Manufacturing of new heat transfer products, as well as the cleaning, testing and repairing of older products. Furthermore the radiator shop are able to handle and help walk in customers that have an emergency or whether they are in need for some expert advice.

### Business competitiveness

We have a number of warehouses throughout South Africa and this enables us to reach a broader client base and also supply clients more effectively no matter their location. Our company is the only manufacturer of NCN aluminium heat exchanger in Africa. We are able to manufacture aluminium heat exchangers to client specifications.

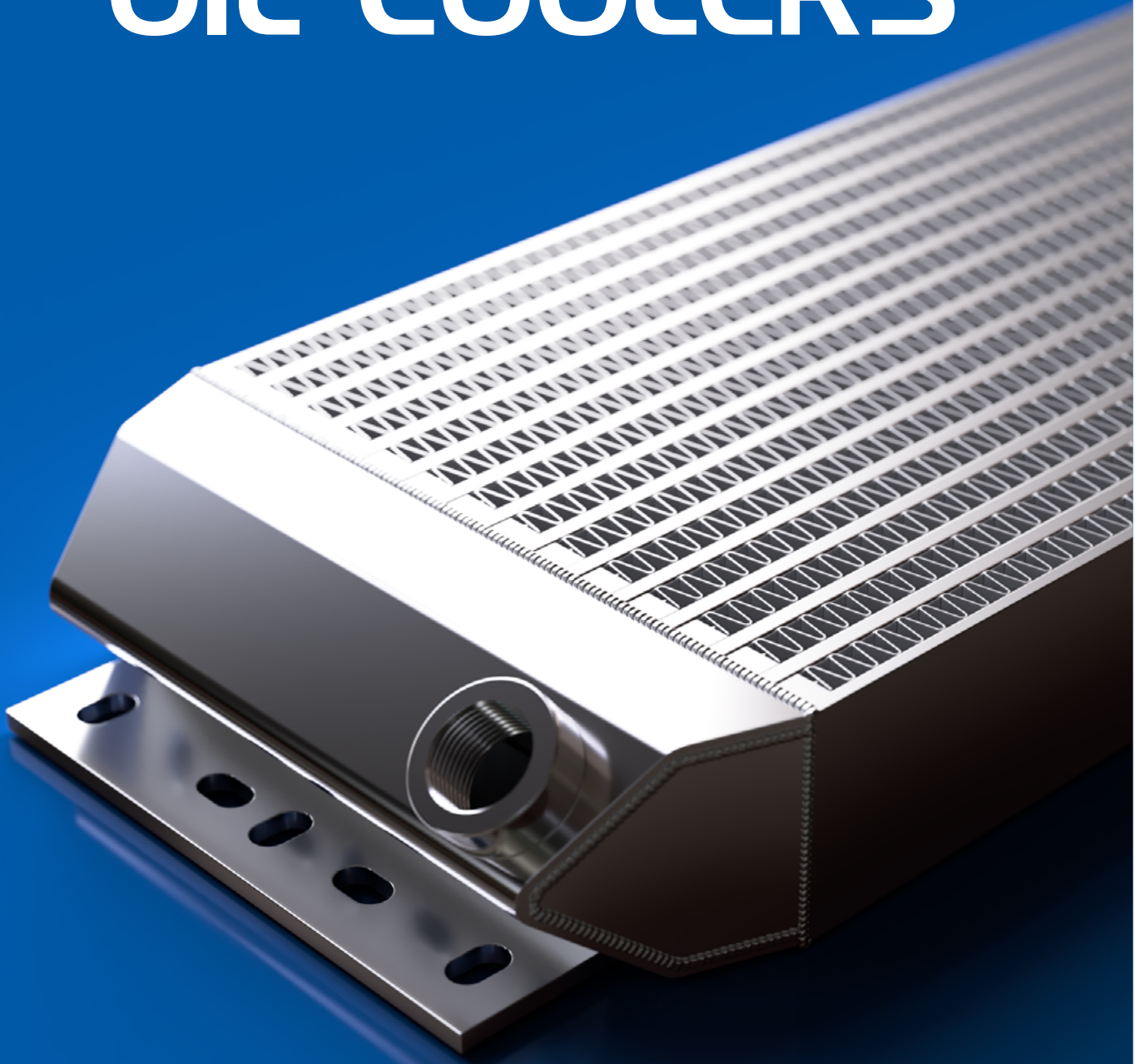




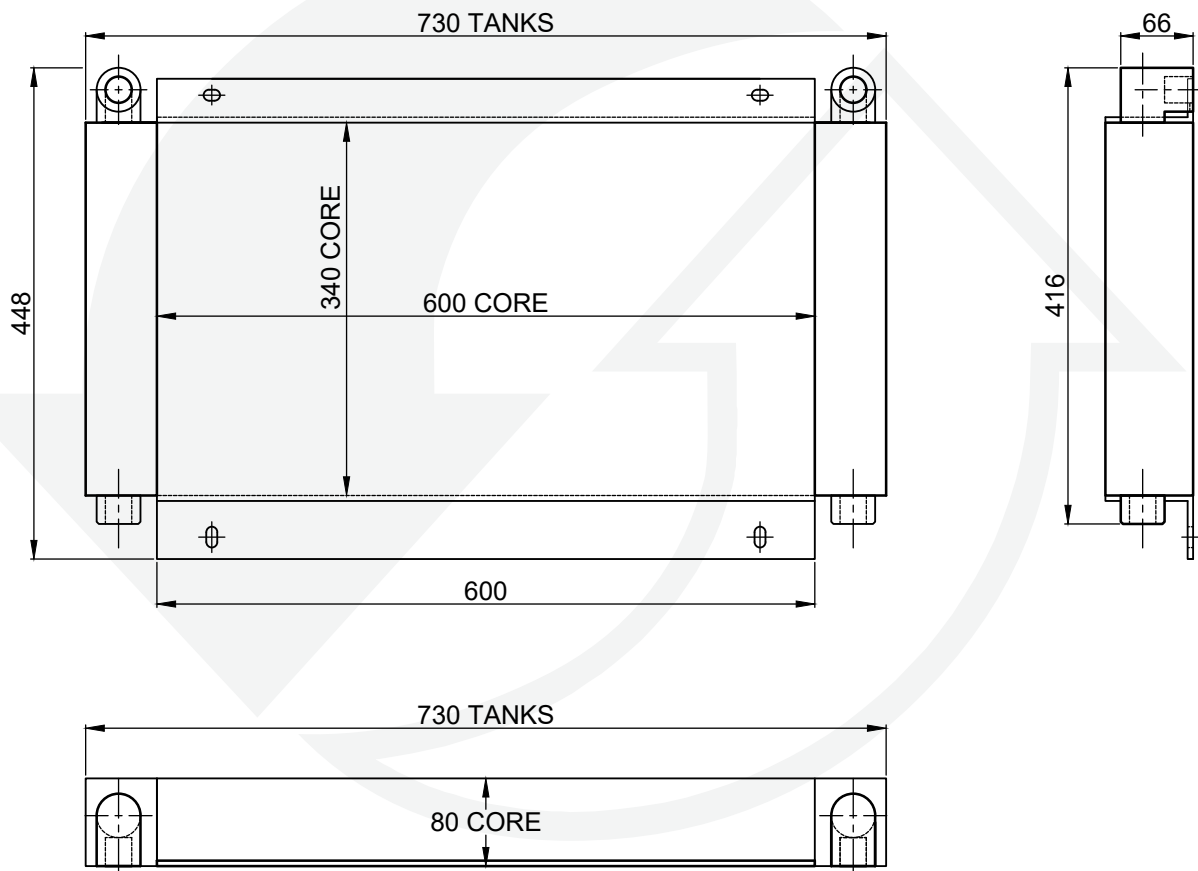
**CHE**

***HEAT TRANSFER PRODUCTS***

# OIL COOLERS

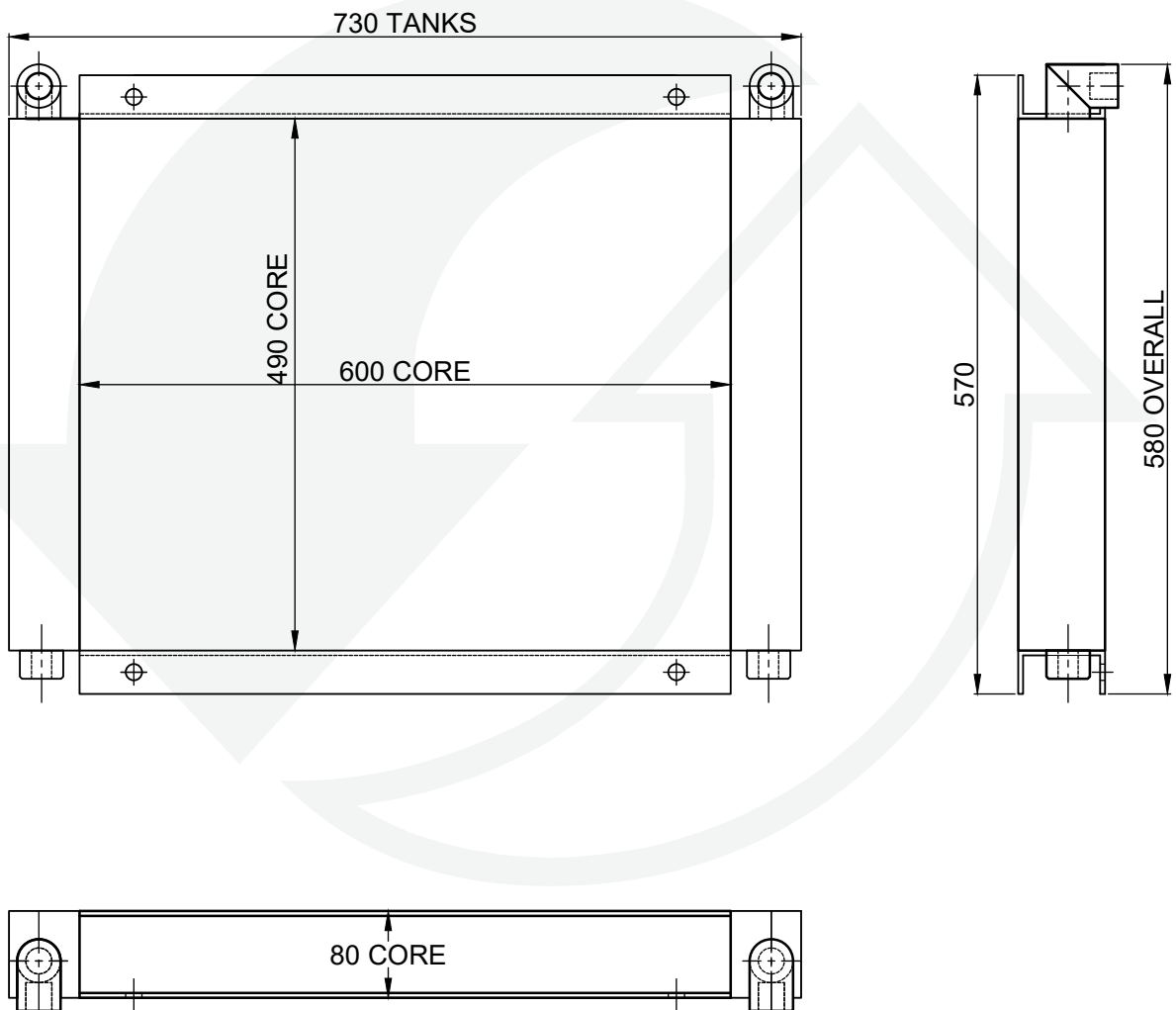


# ATLAS COPCO XA 85



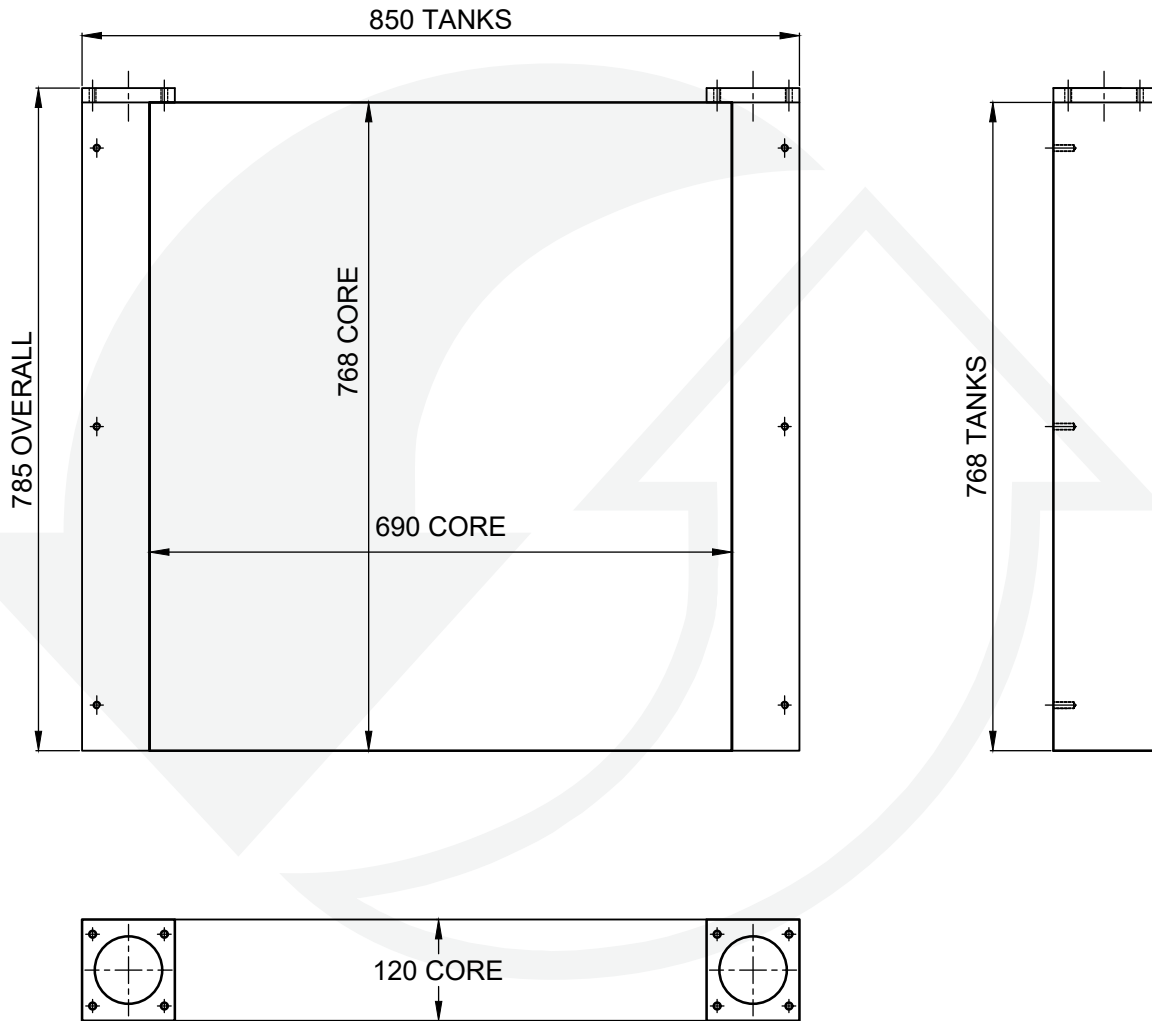
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# ATLAS COPCO



PART NUMBER: OIL614ATL3COM

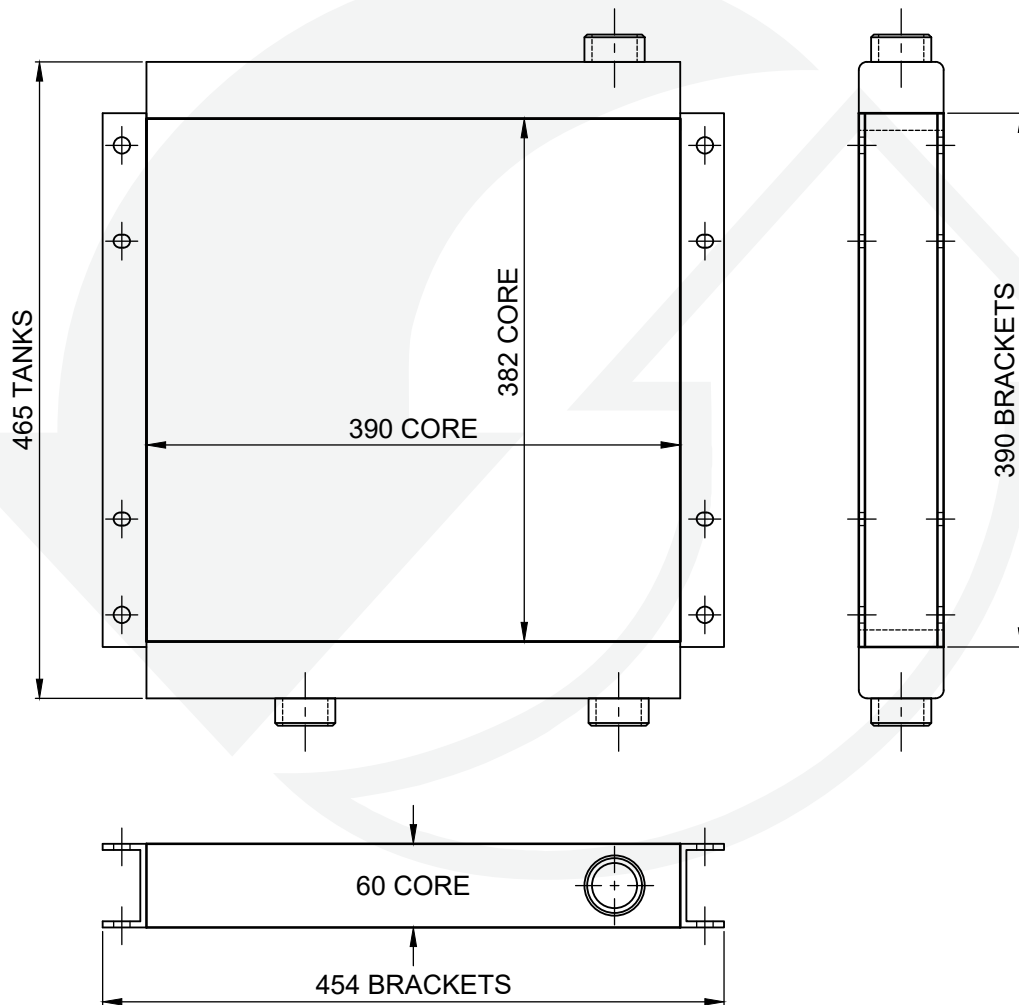
# ATLAS COPCO



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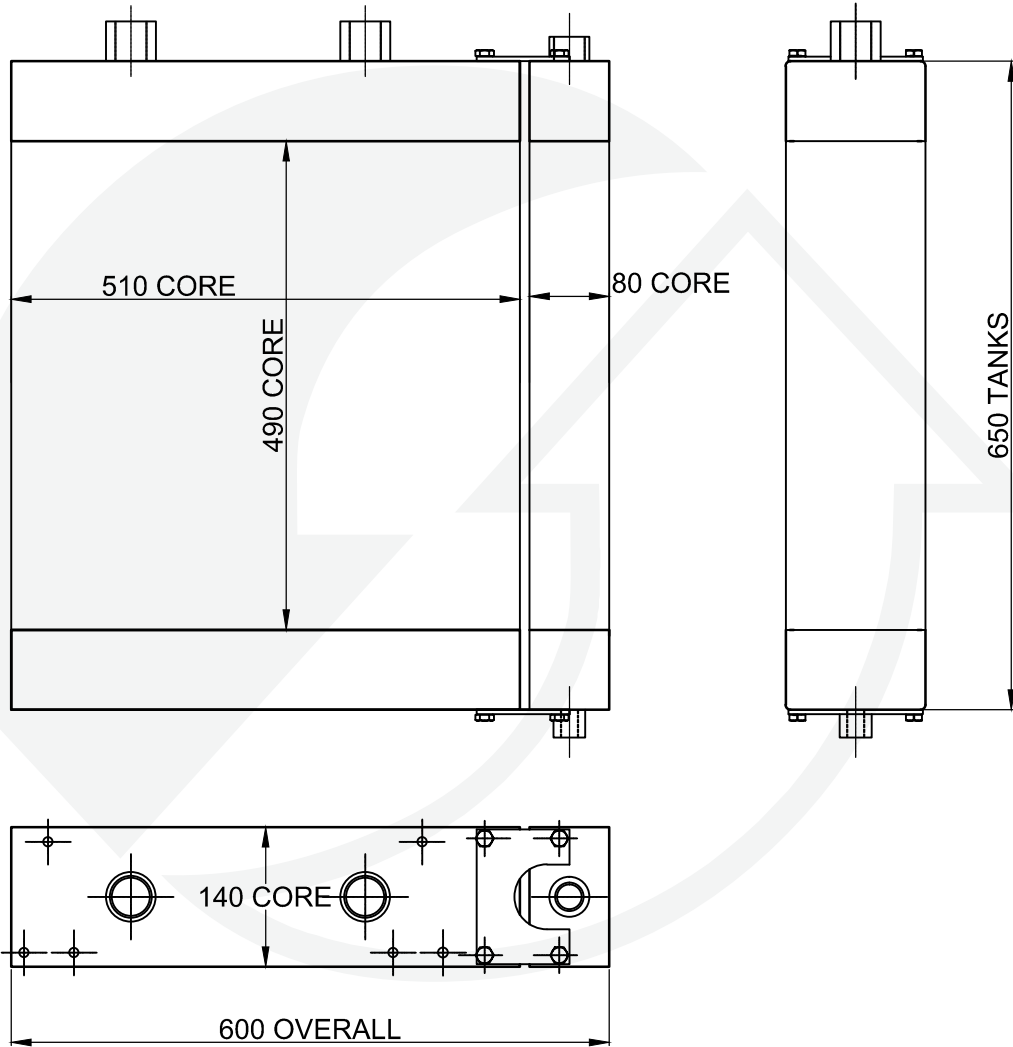


# BELL B40



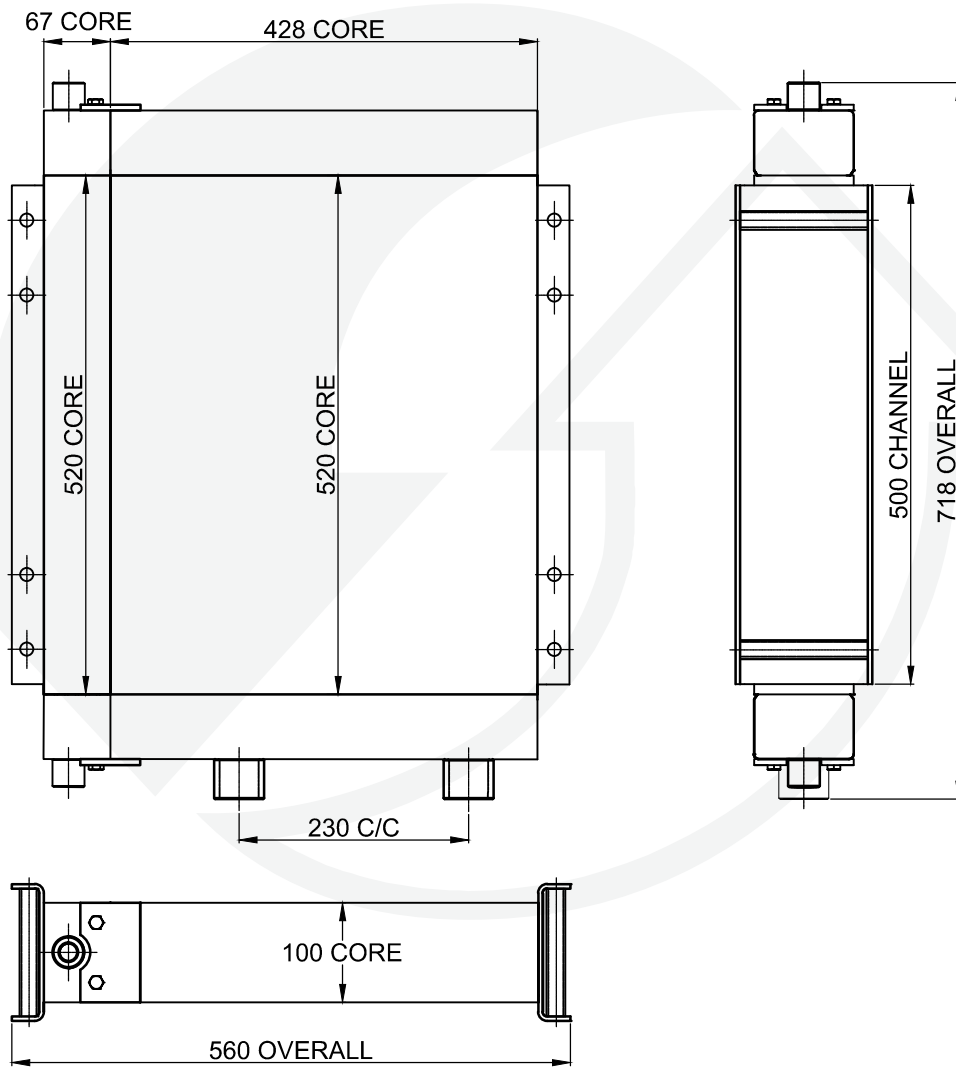
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# BELL



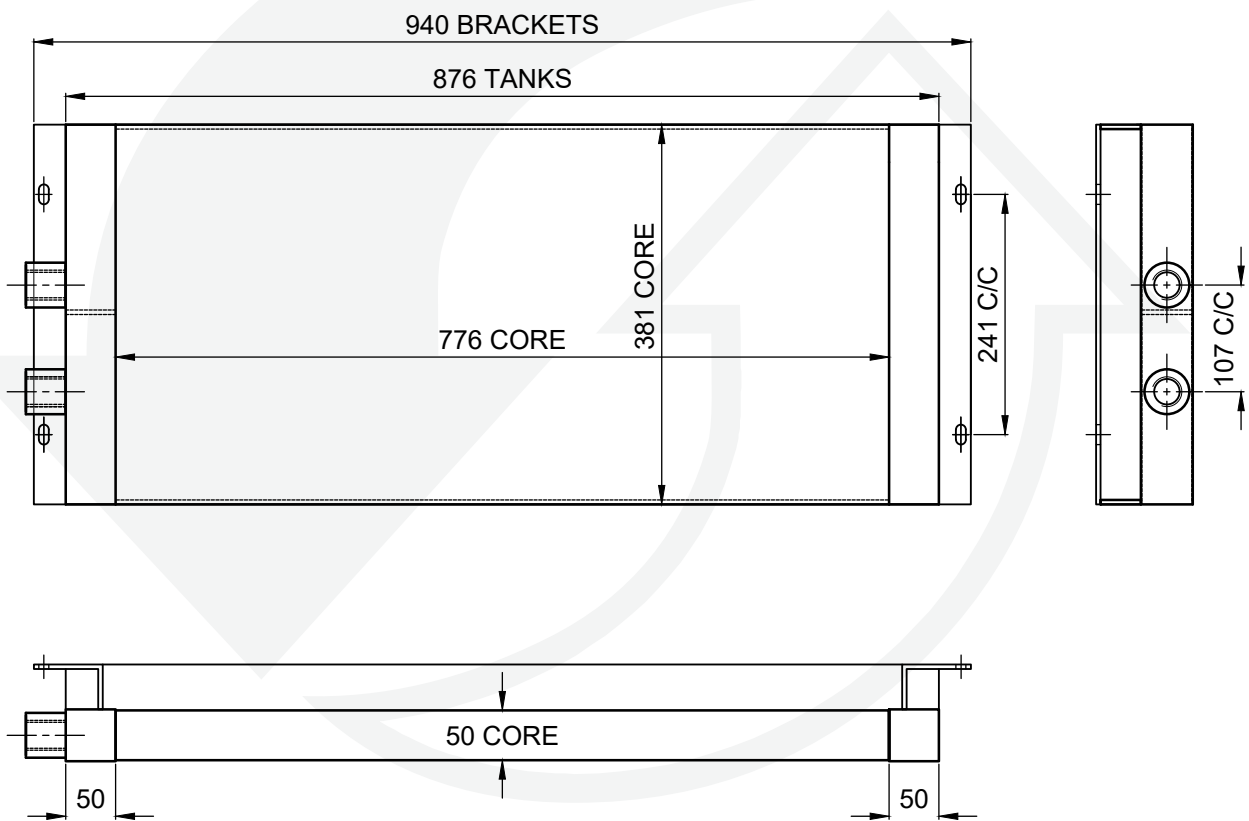
PART NUMBER: OIL490BEL1COM (LARGE)  
OIL490BEL2COM (SMALL)

# BELL



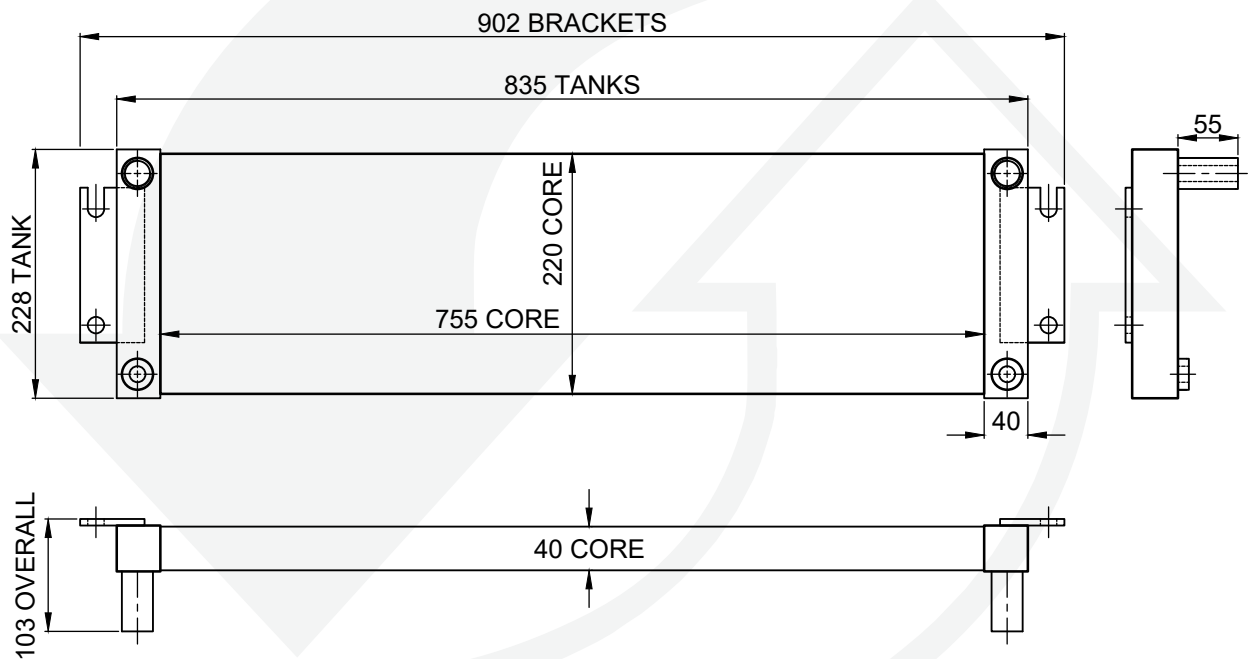
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OIL533BELL2COM (SMALL)

# BELL B25 API



PART NUMBER: OIL760BEL1COM

# CATERPILLAR 140G

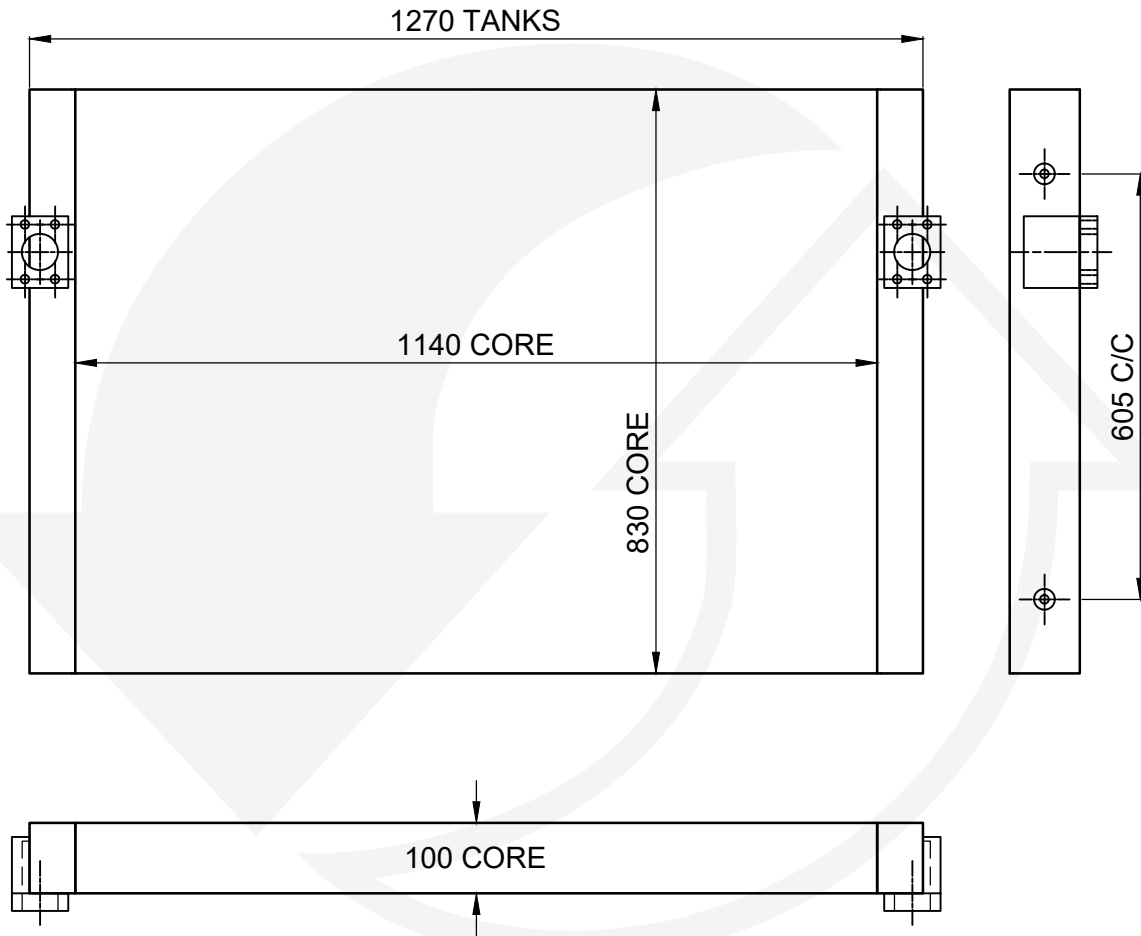


ORIGINAL UNIT IS A STEEL UNIT



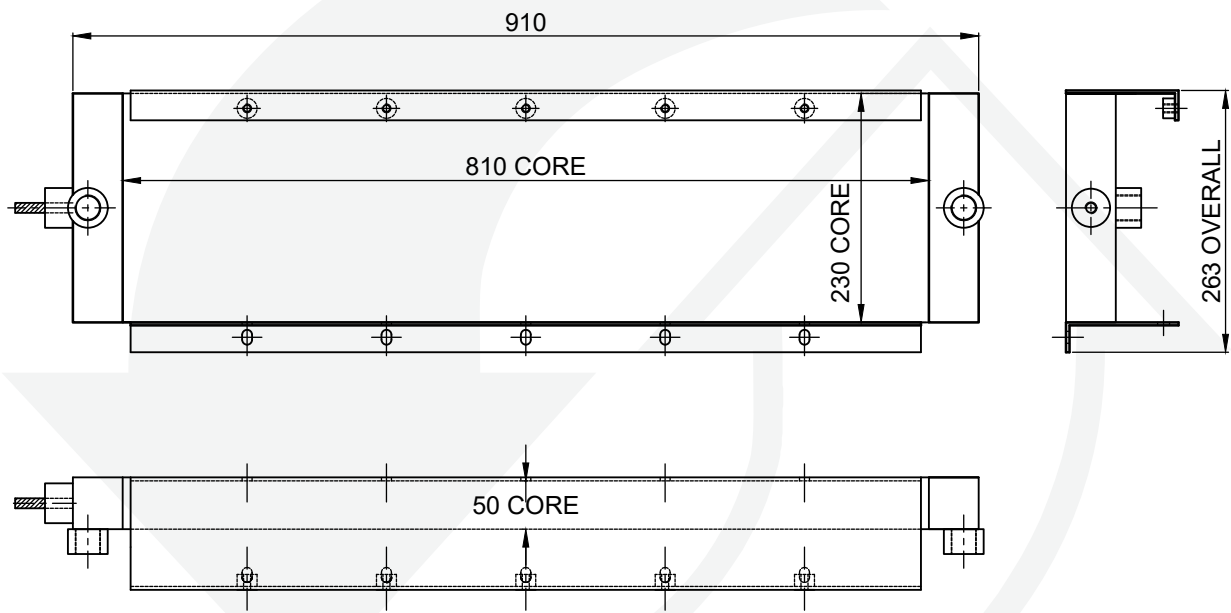
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# CATERPILLAR 345D EXCAVATOR



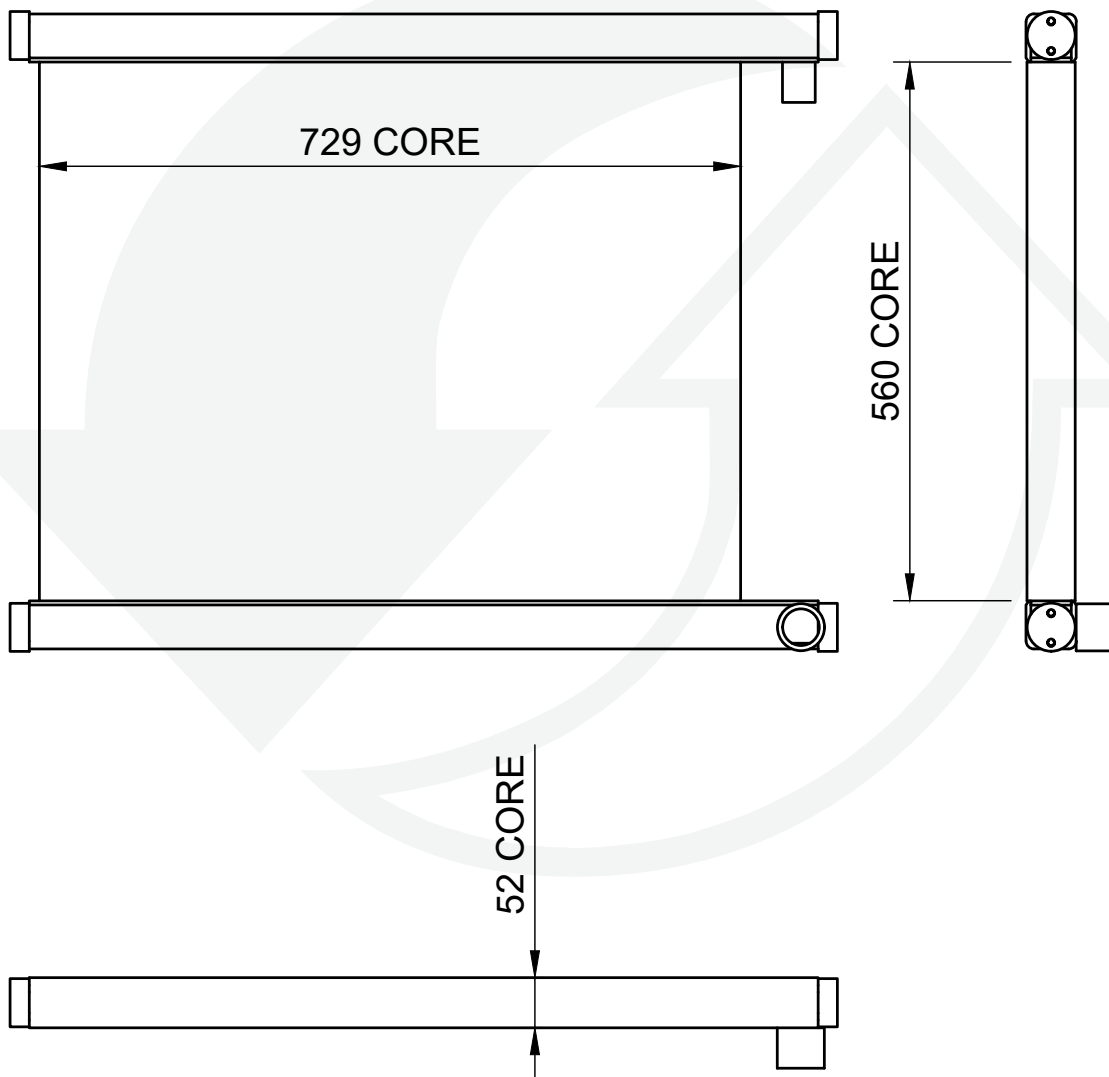
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# GALLION T500/T600



PART NUMBER: OIL794GAL1COM

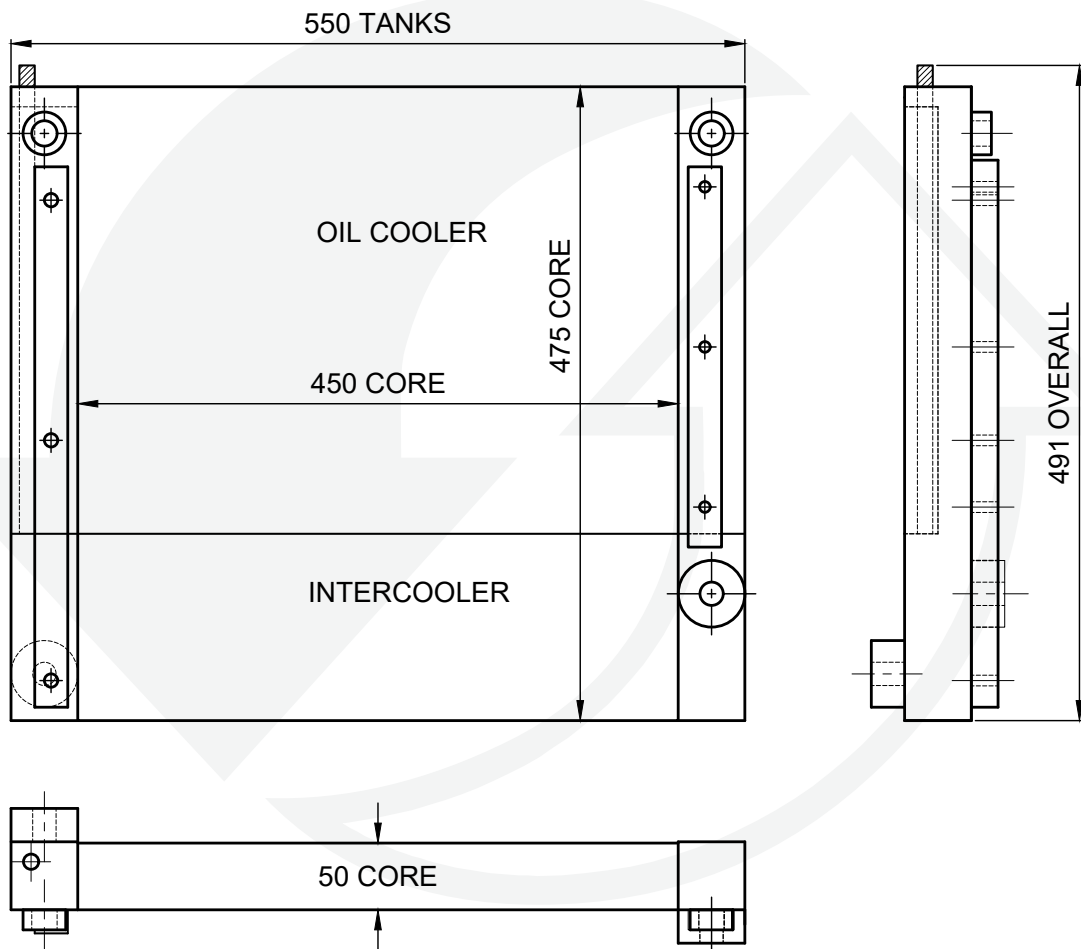
# HITACHI ZX130-5G



PART NUMBER: OIL560HIT1COM

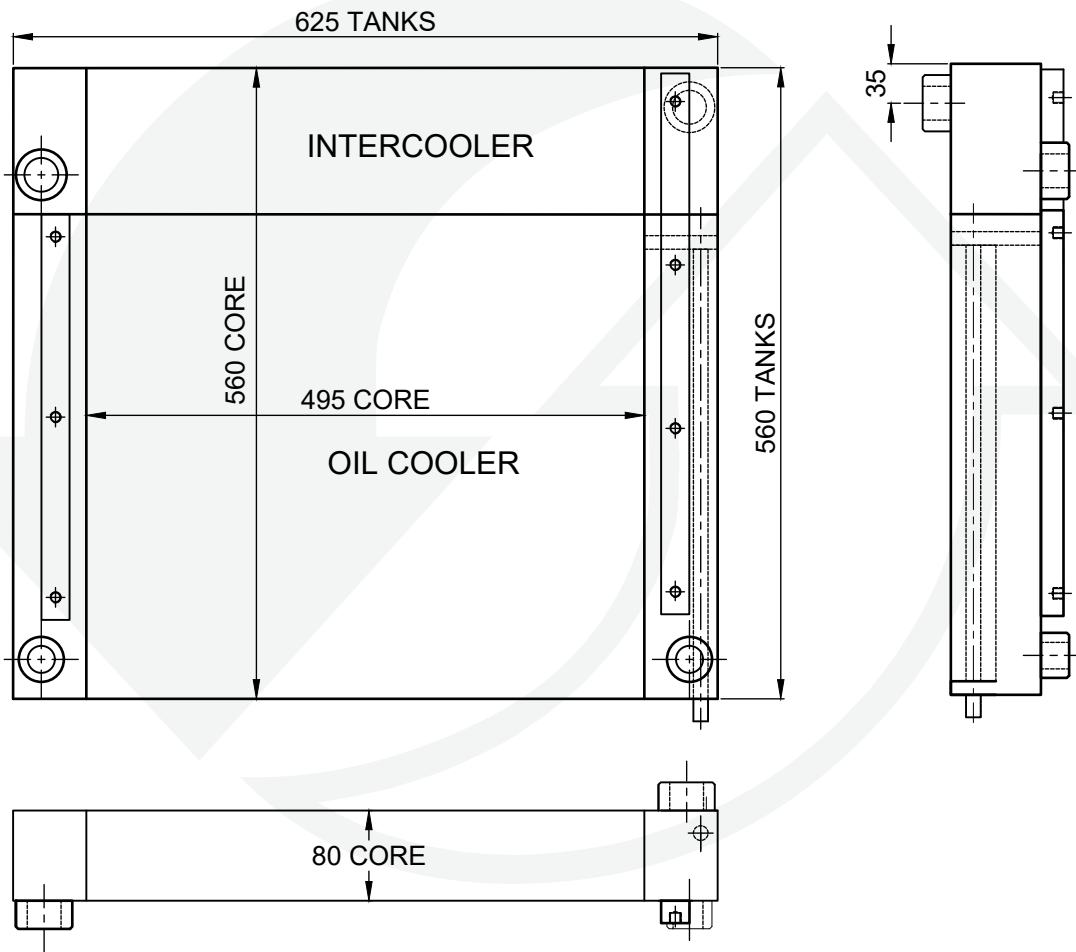


# HYDROVANE



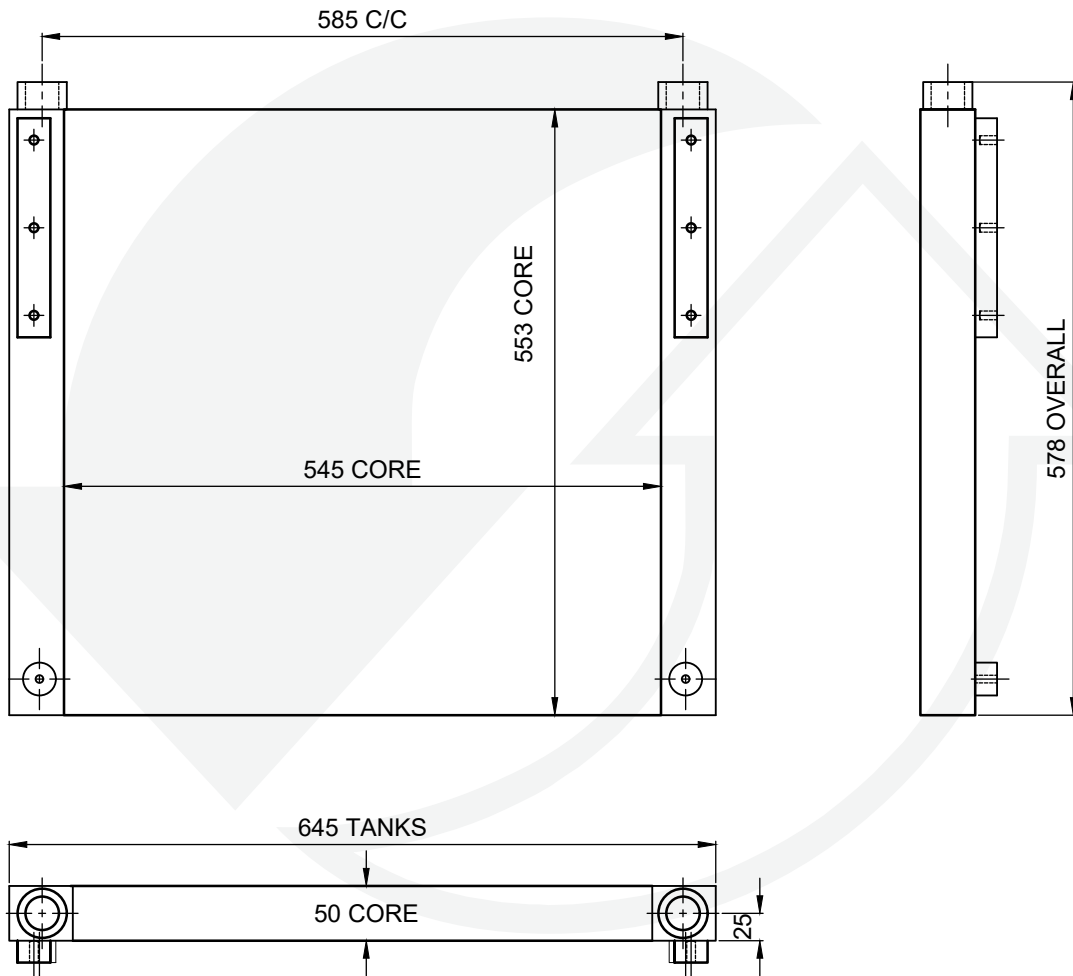
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# HYDROVANE



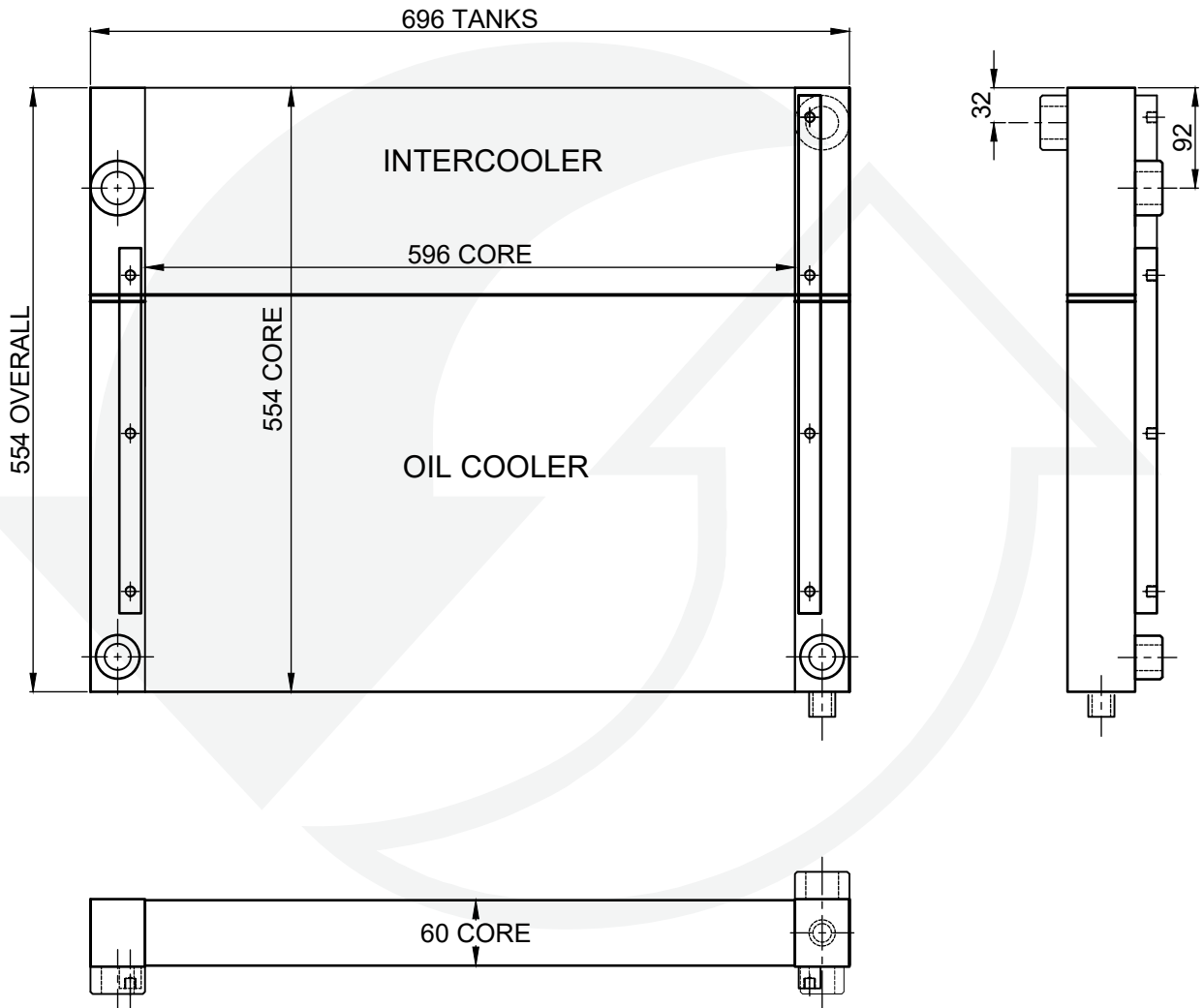
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# HYDROVANE



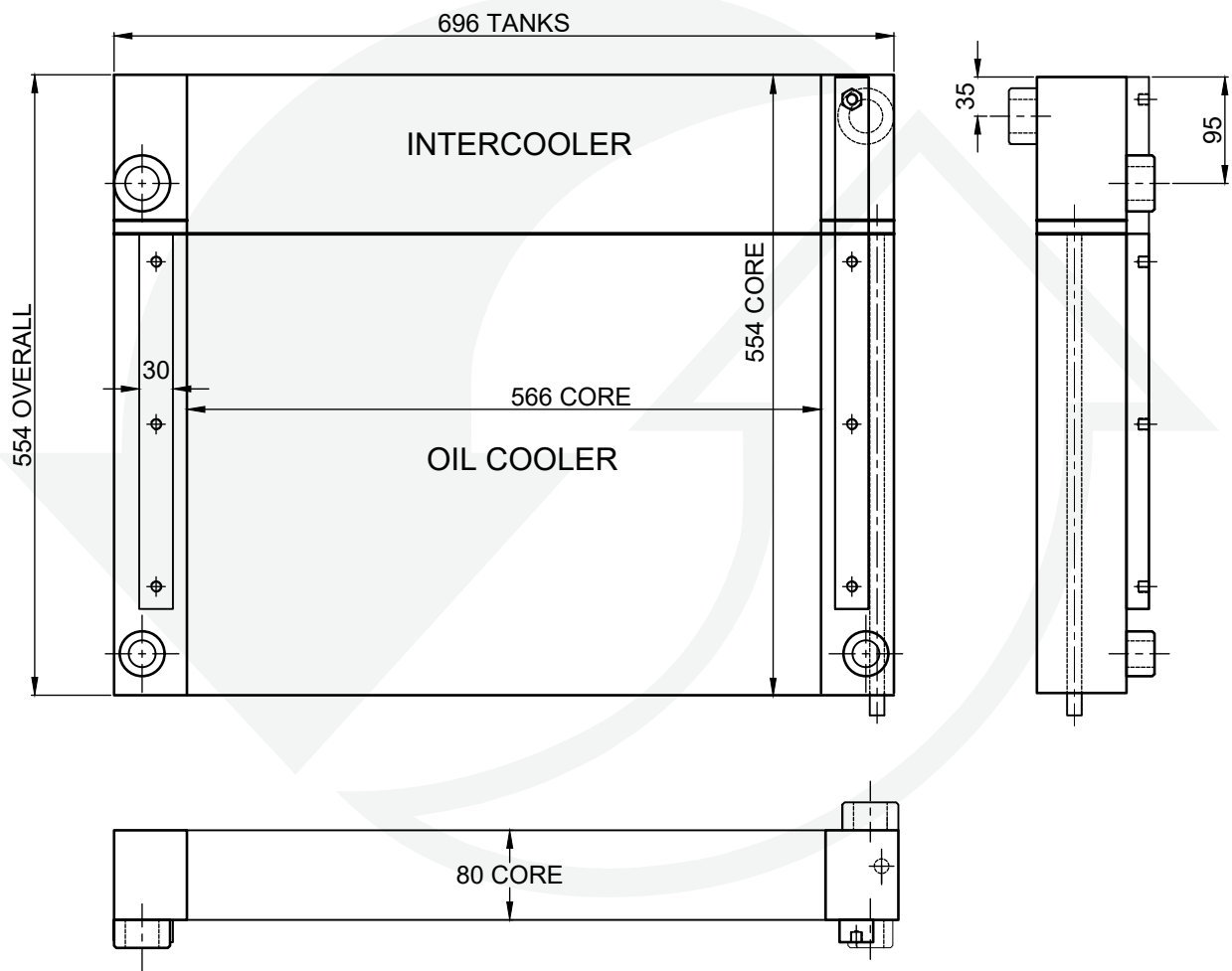
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# HYDROVANE



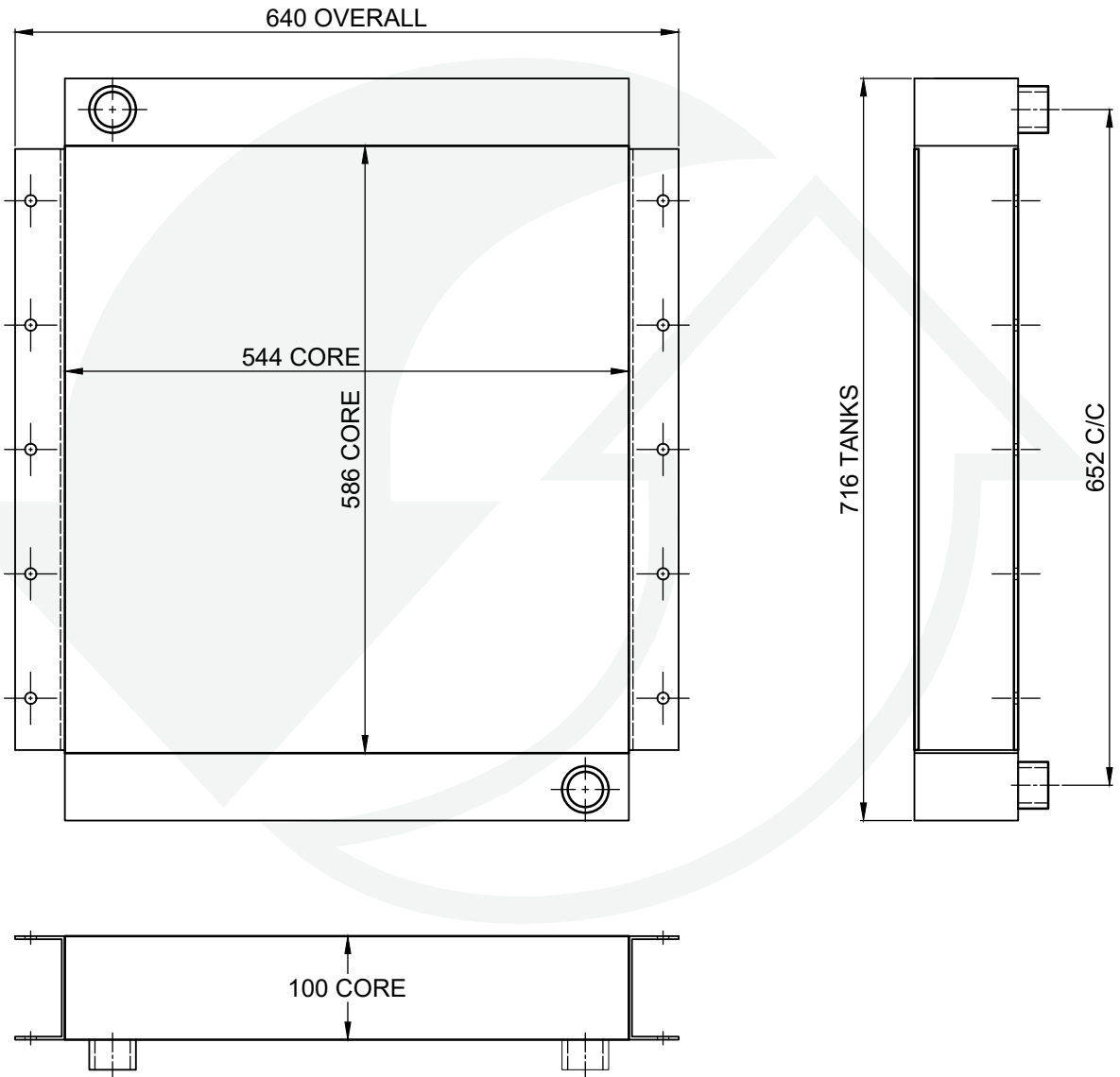
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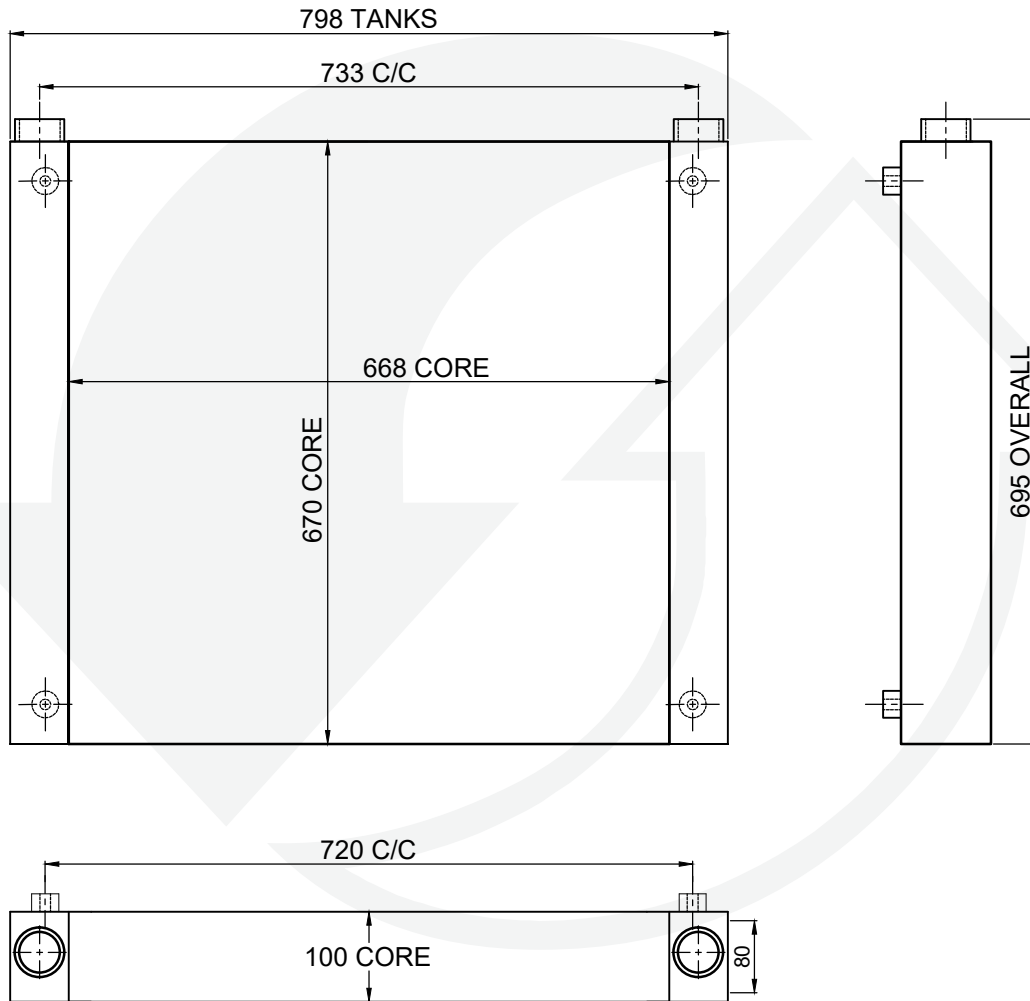
PART NUMBER: OIL580HYD3COM

# HYDROVANE



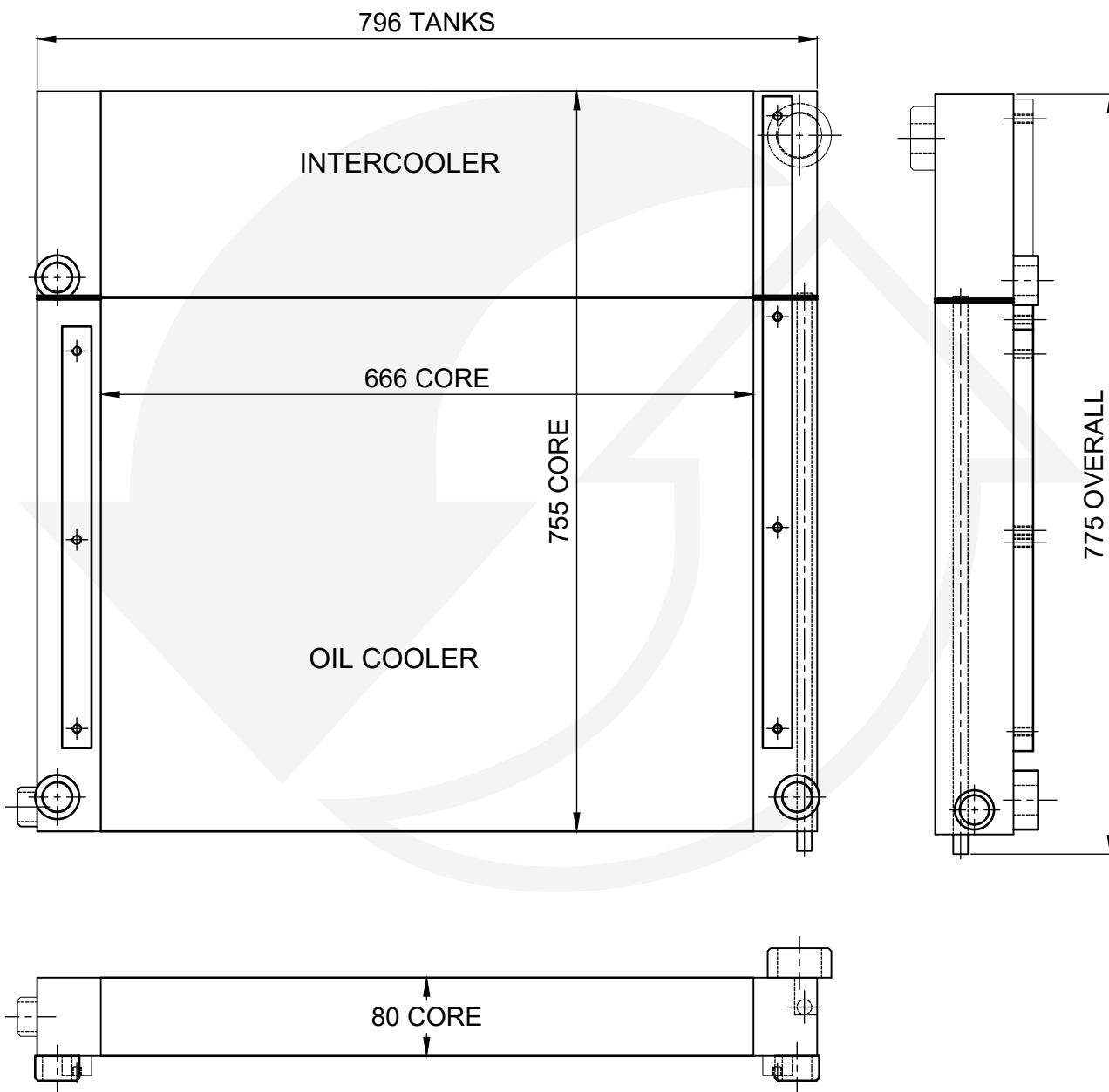
PART NUMBER:OIL600HYD1COM

# HYDROVANE



PART NUMBER: OIL602HYD1COM

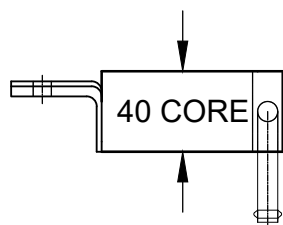
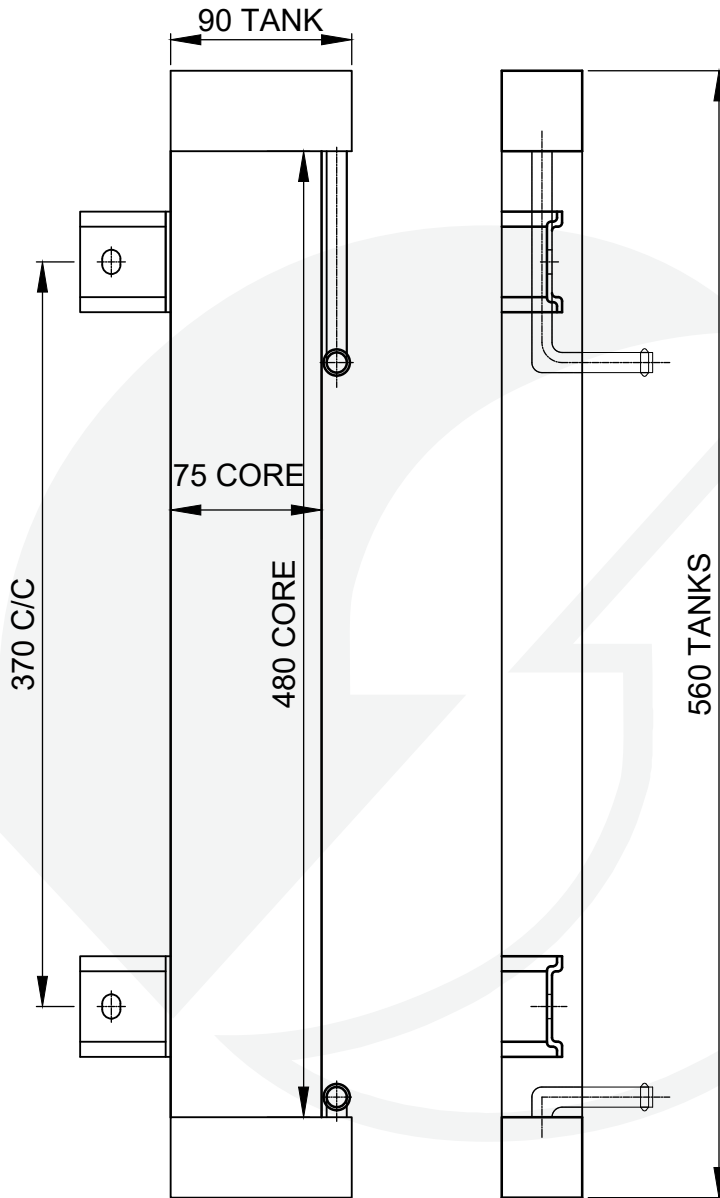
# HYDROVANE



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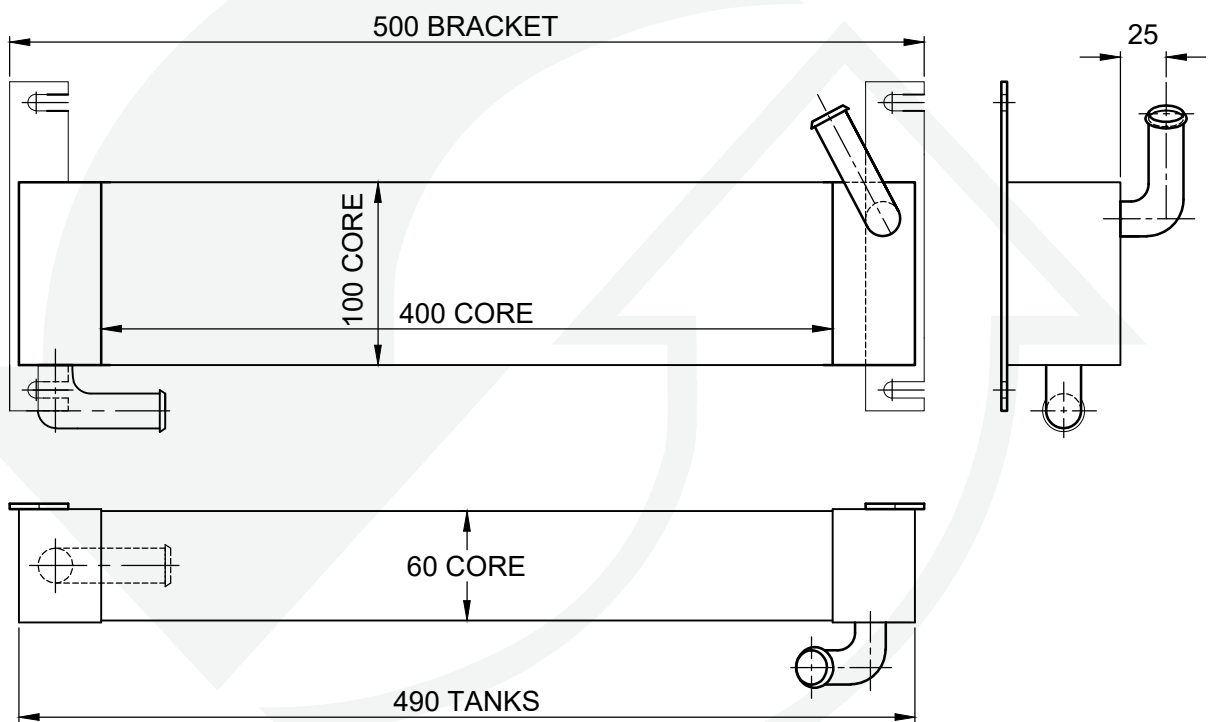


# HYUNDAI



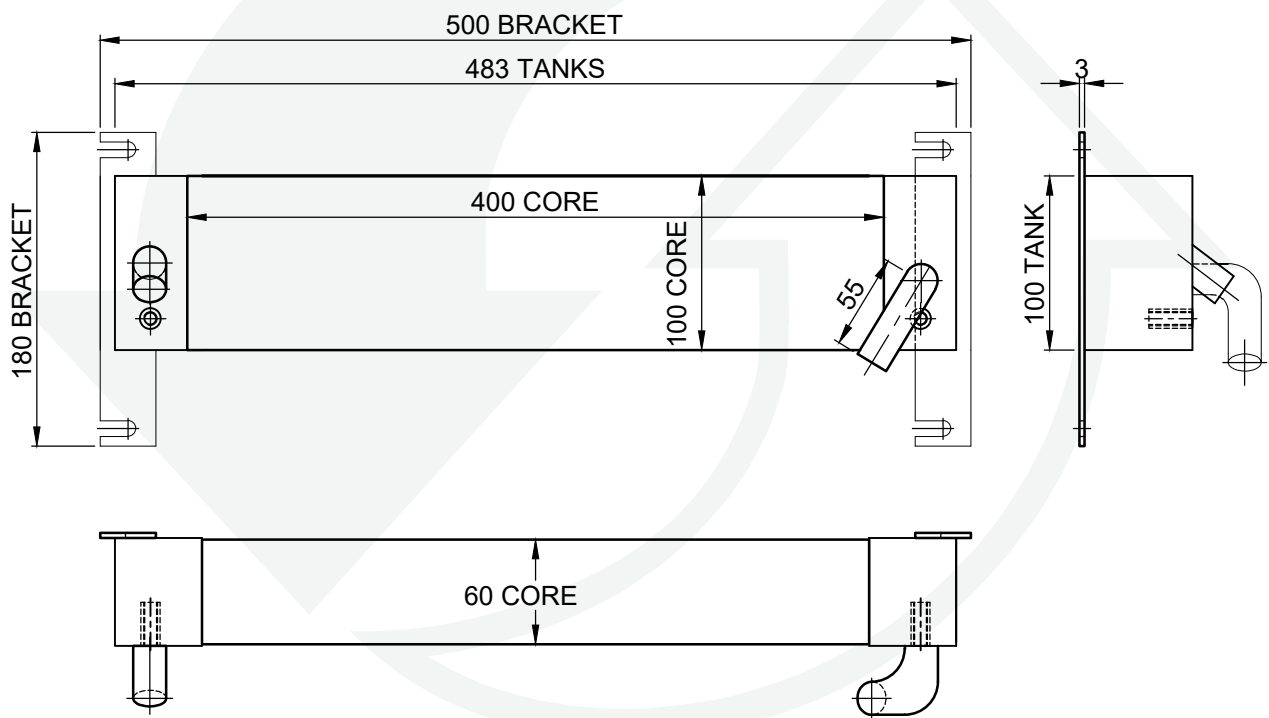
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# JOHN DEERE



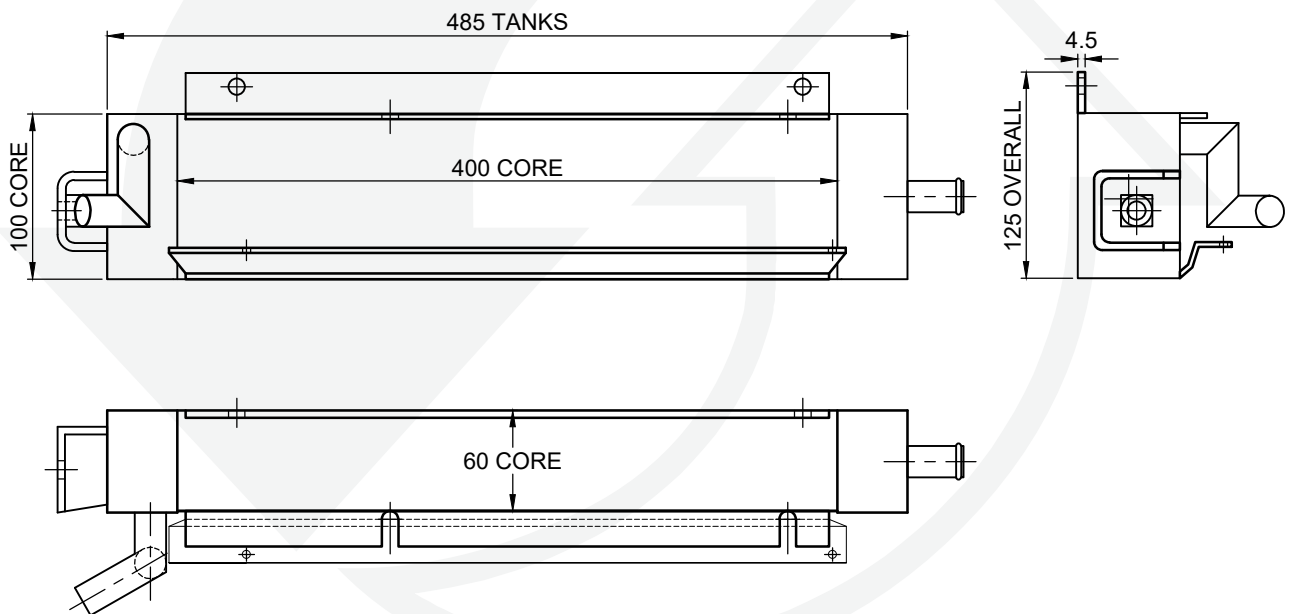
PART NUMBER: OIL400JOH1COM

# JOHN DEERE



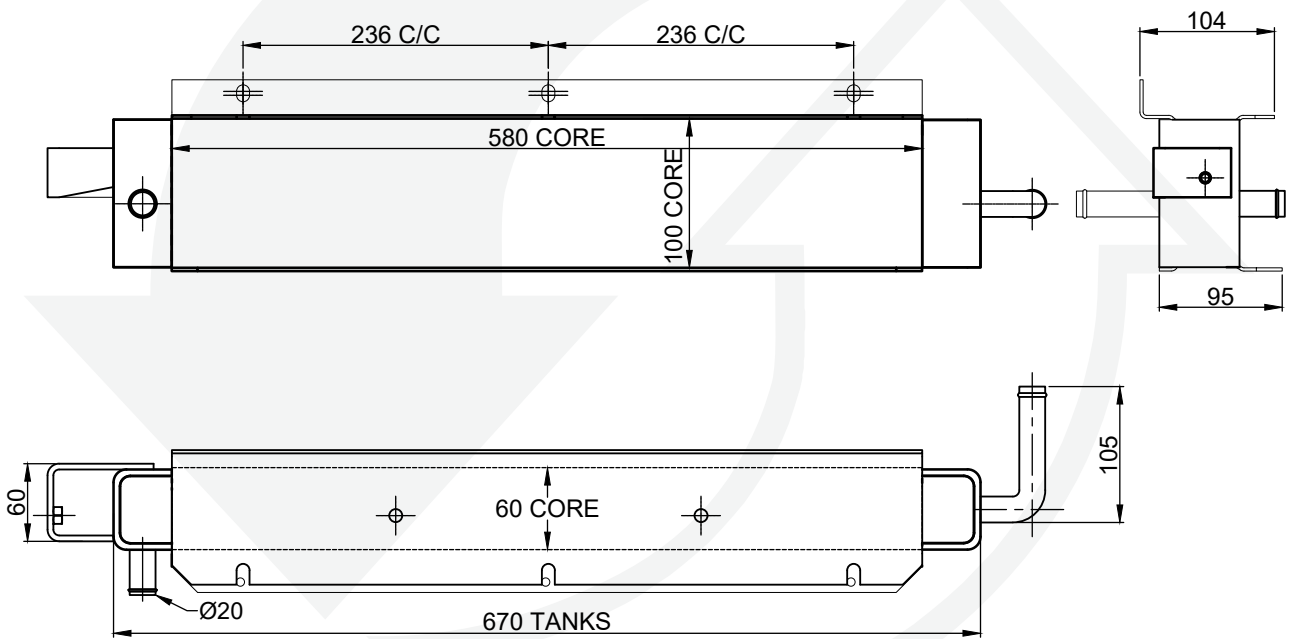
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# JOHN DEERE



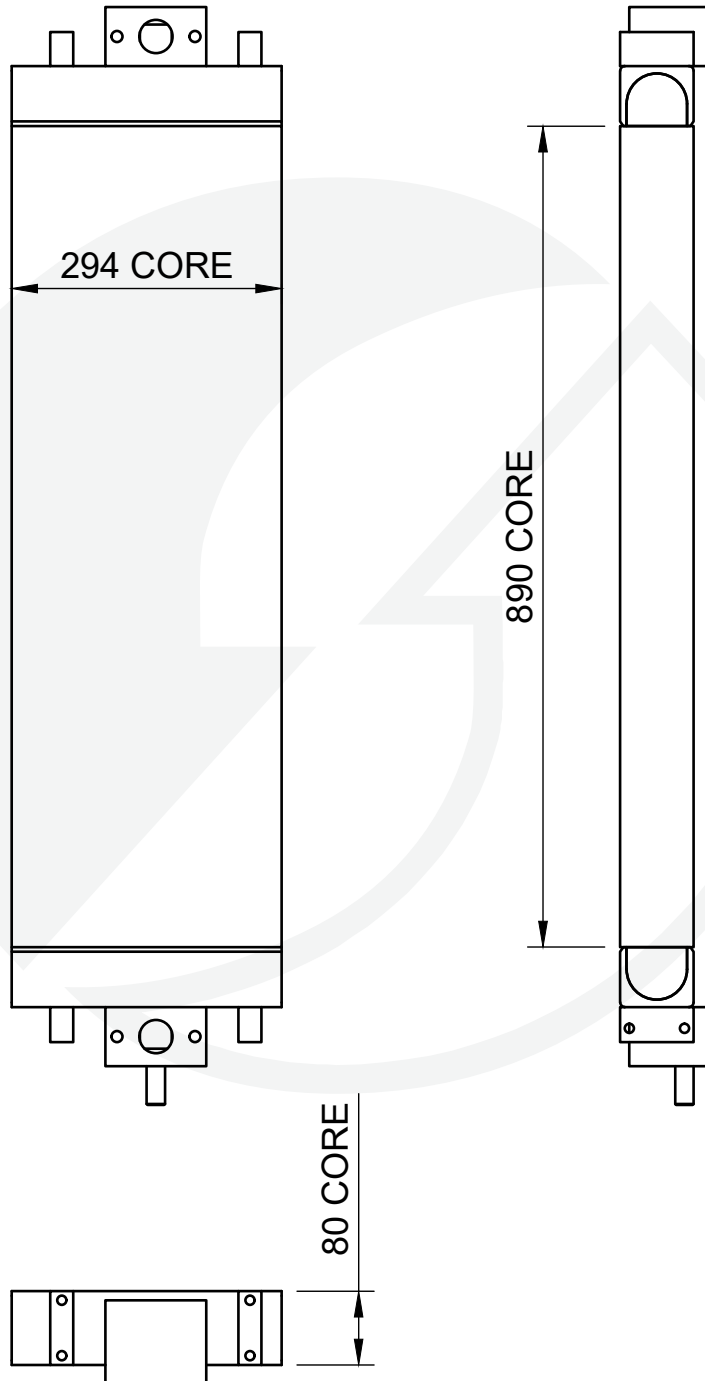
PART NUMBER: OIL400JOH3COM

# JOHN DEERE



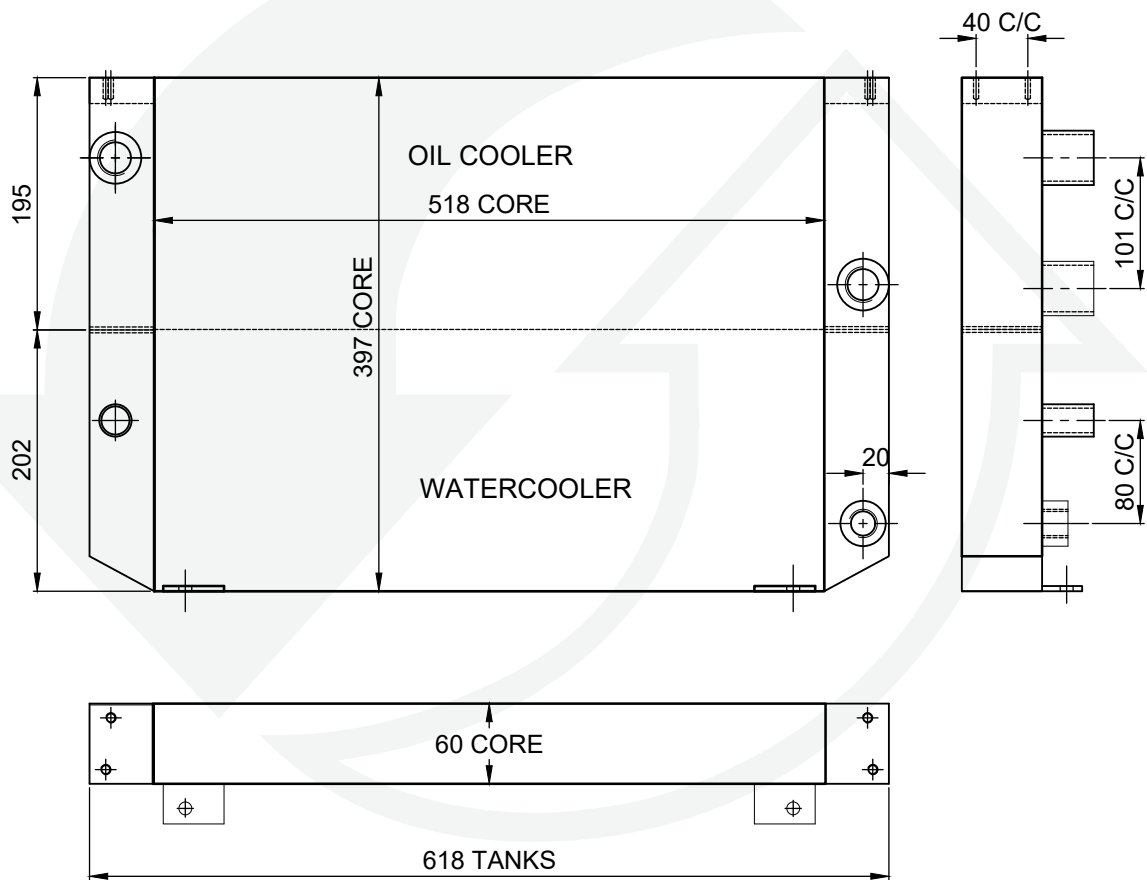
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# KOMATSU PC200-8/I



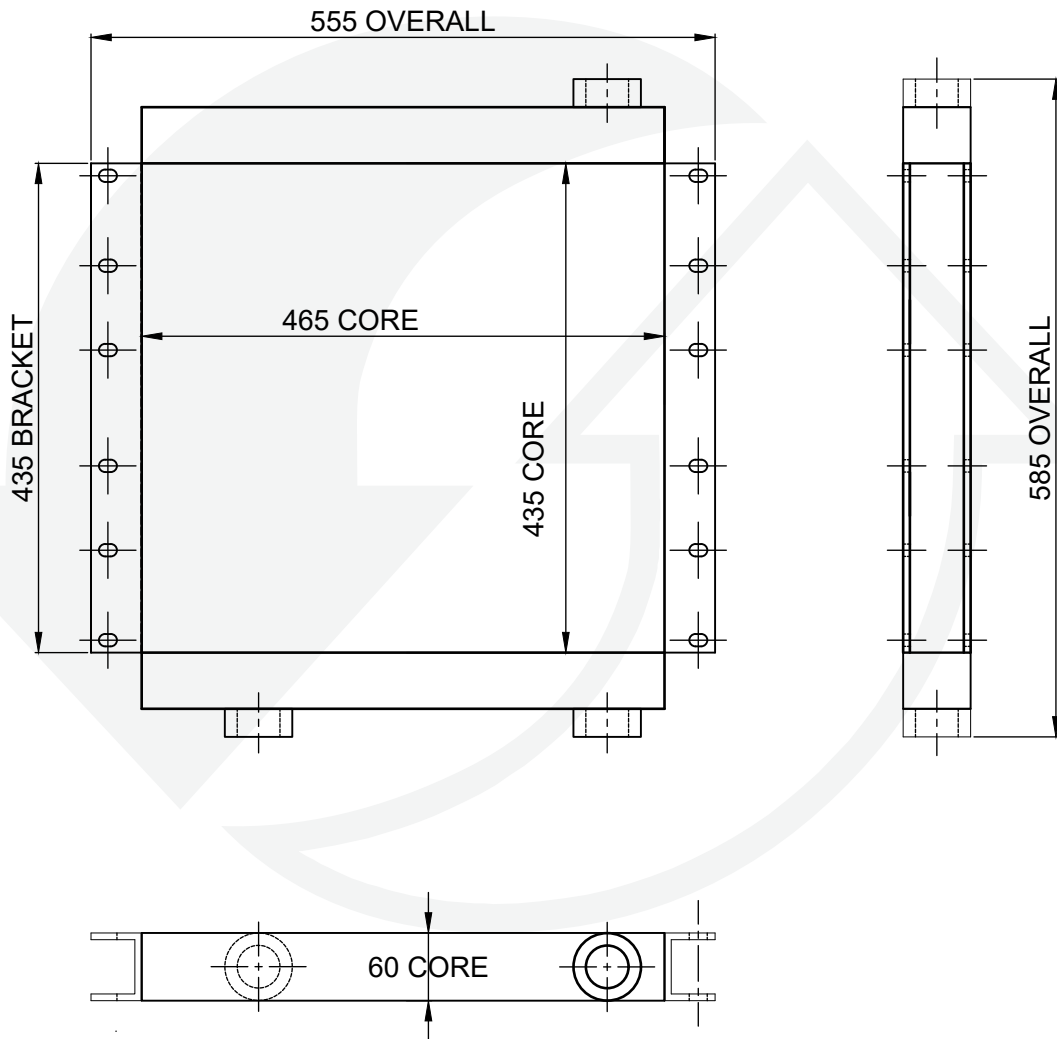
PART NUMBER: OIL890KOM1COM

# LINDE



PART NUMBER: OIL502LIN1COM

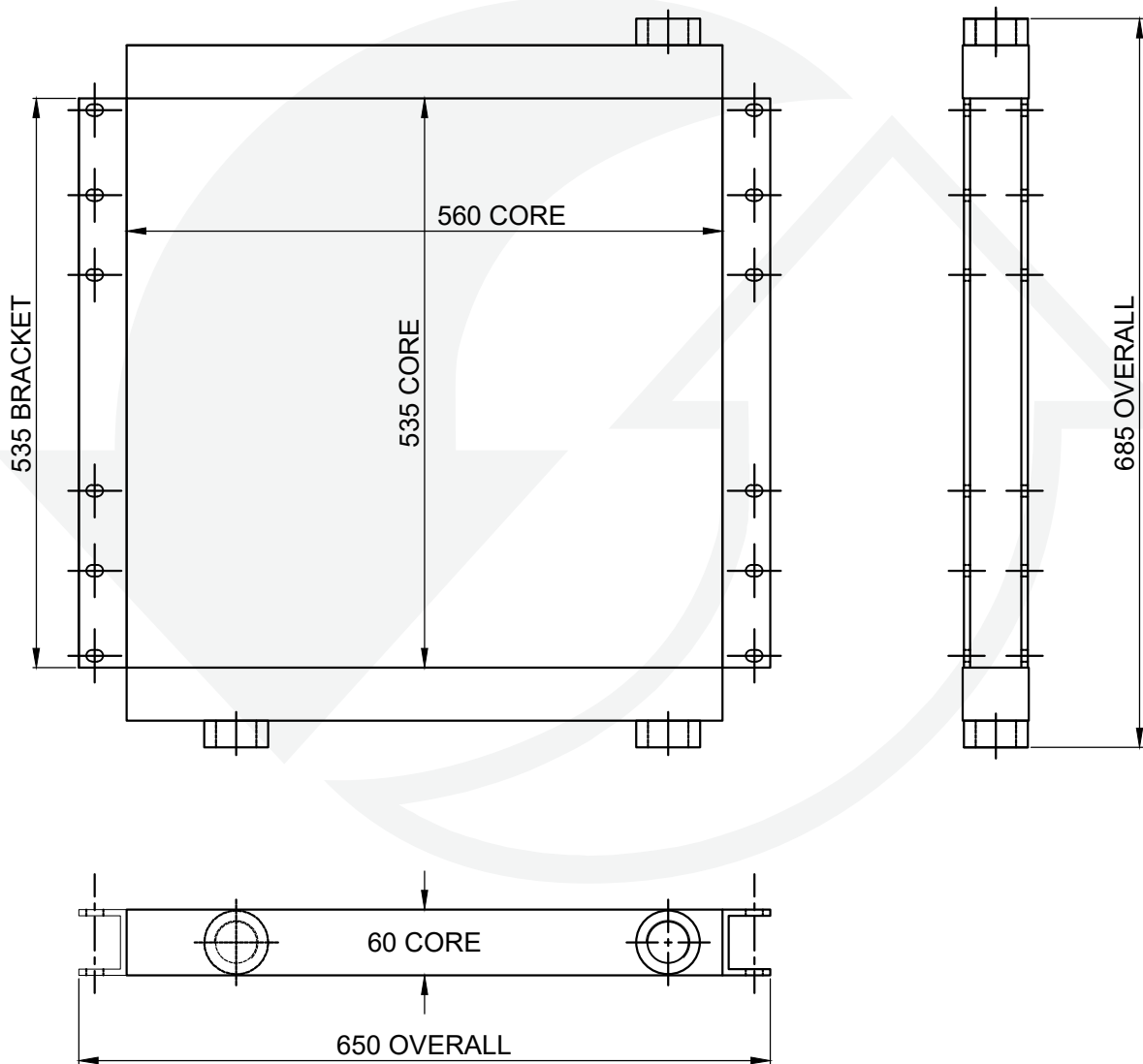
# MAN



PART NUMBER: OIL419MAN1COM

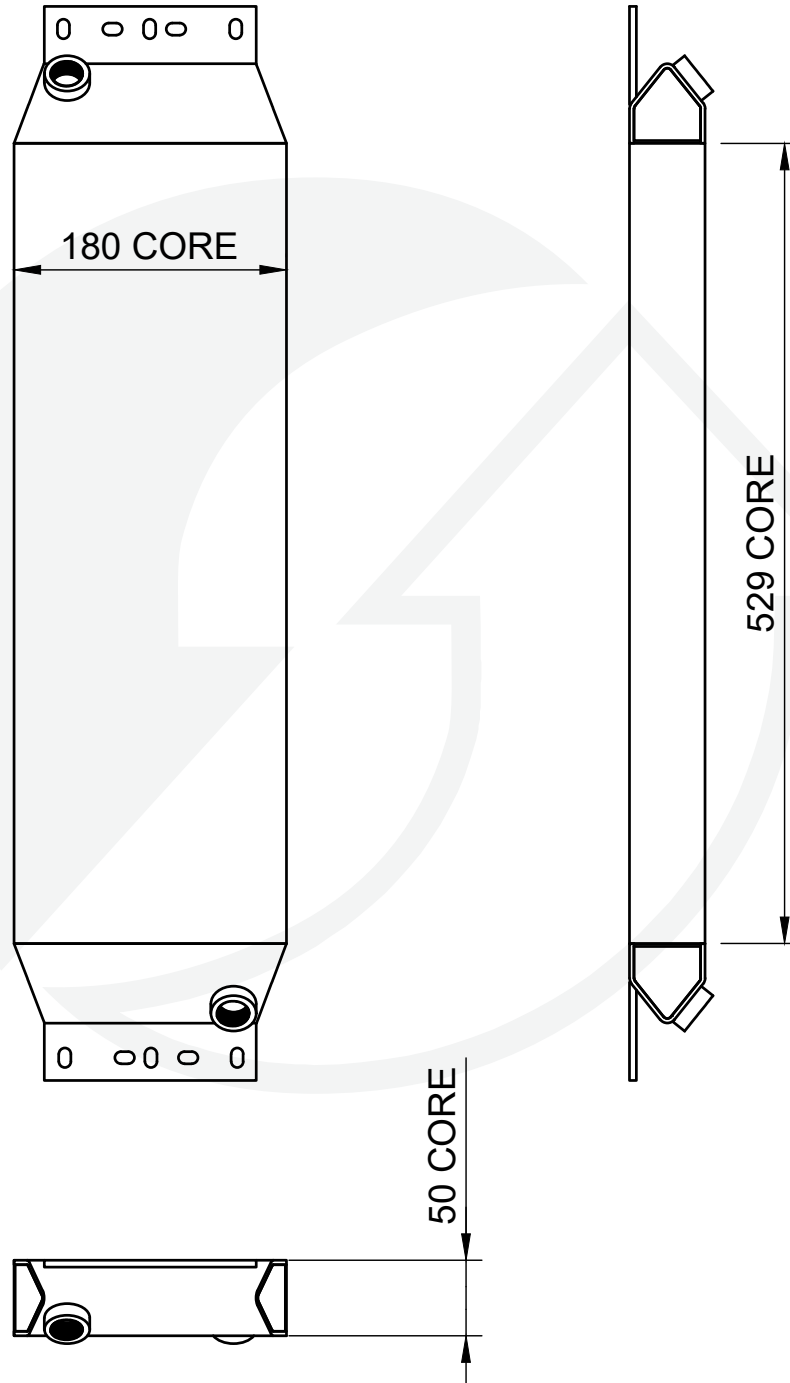


# MAN



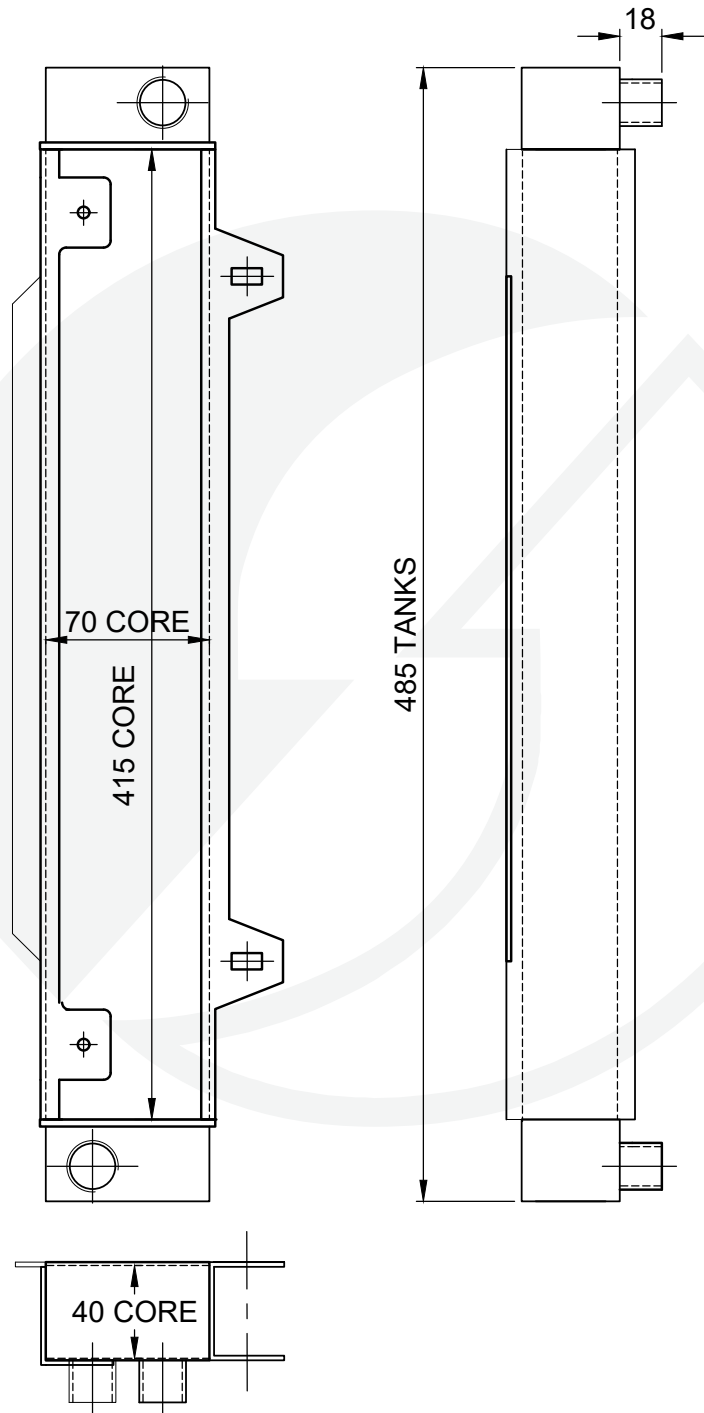
PART NUMBER: OIL519MAN1COM

# MAN



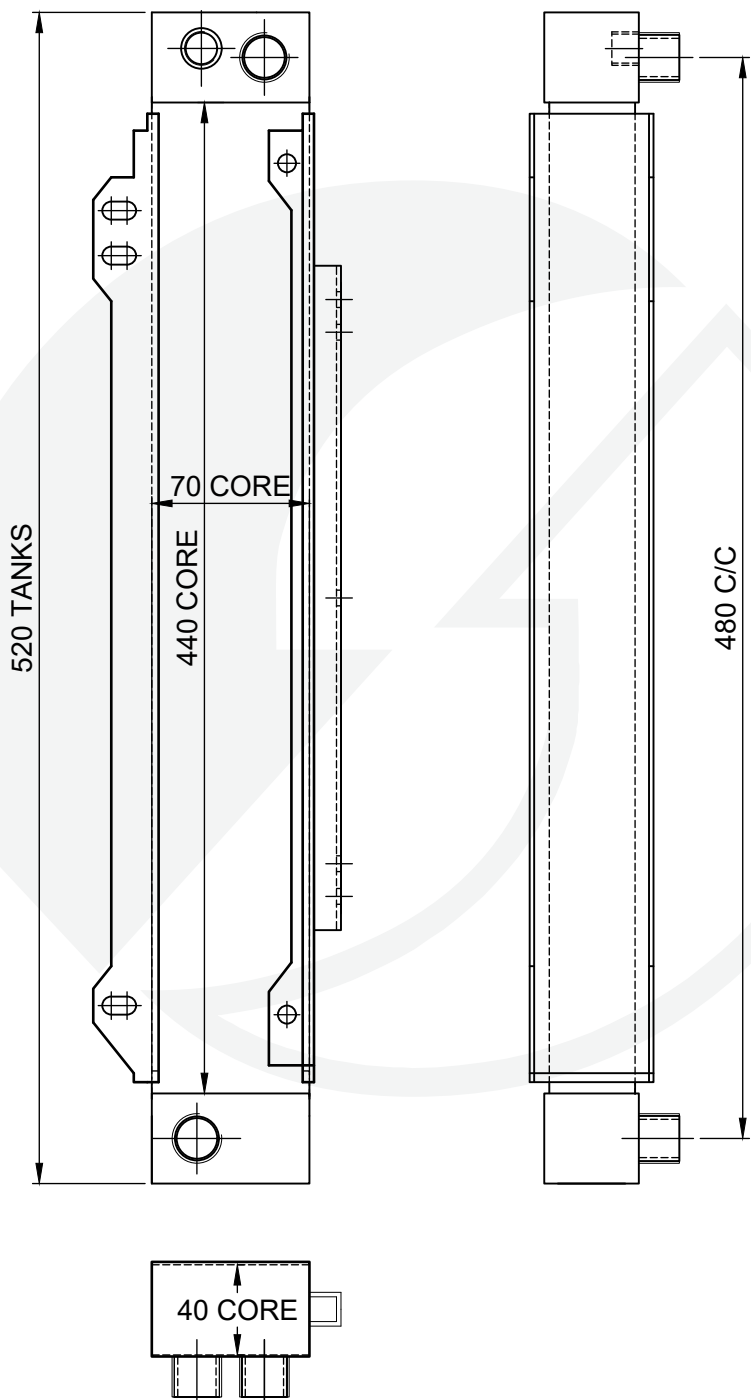
PART NUMBER: OIL529MAN1COM

# MERCEDES BENZ



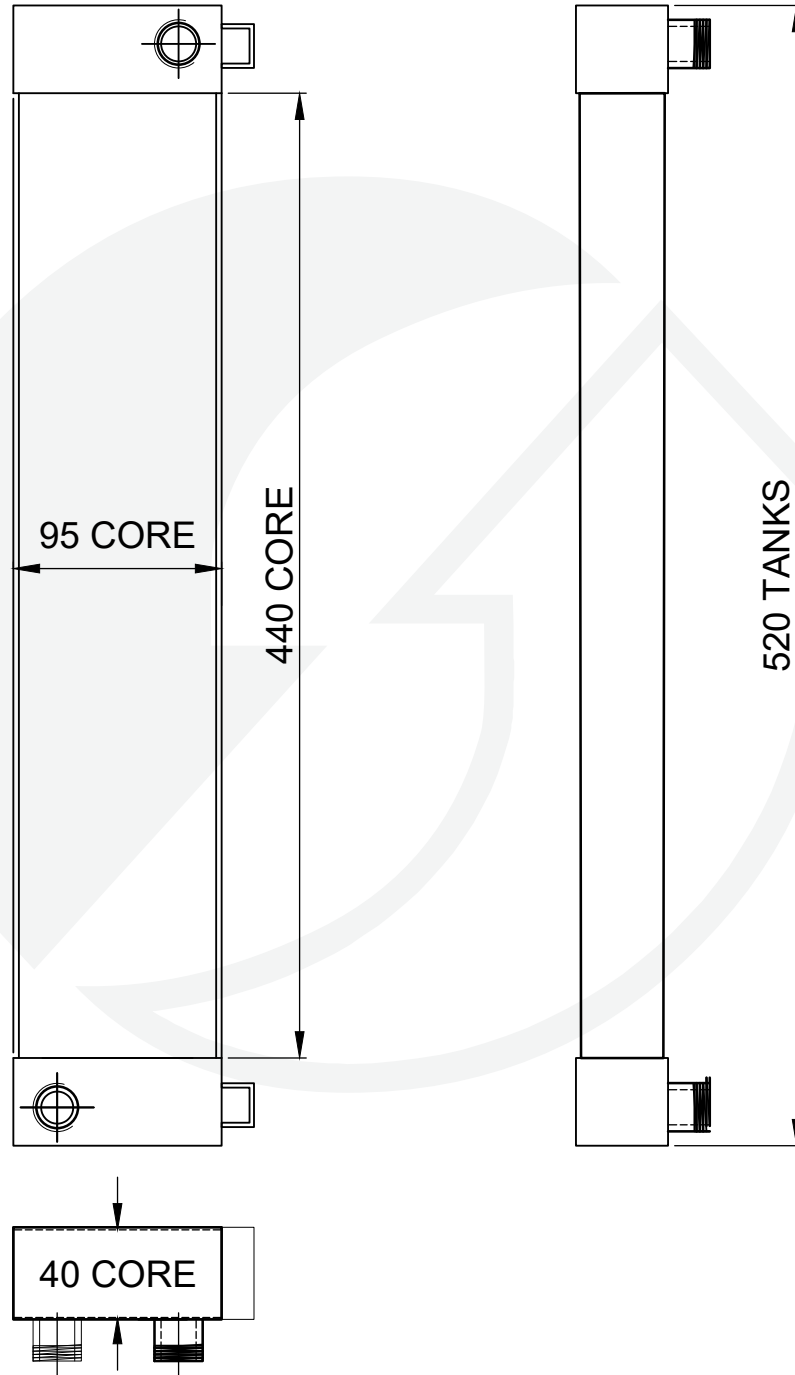
PART NUMBER: OIL415MER1COM

# MERCEDES BENZ



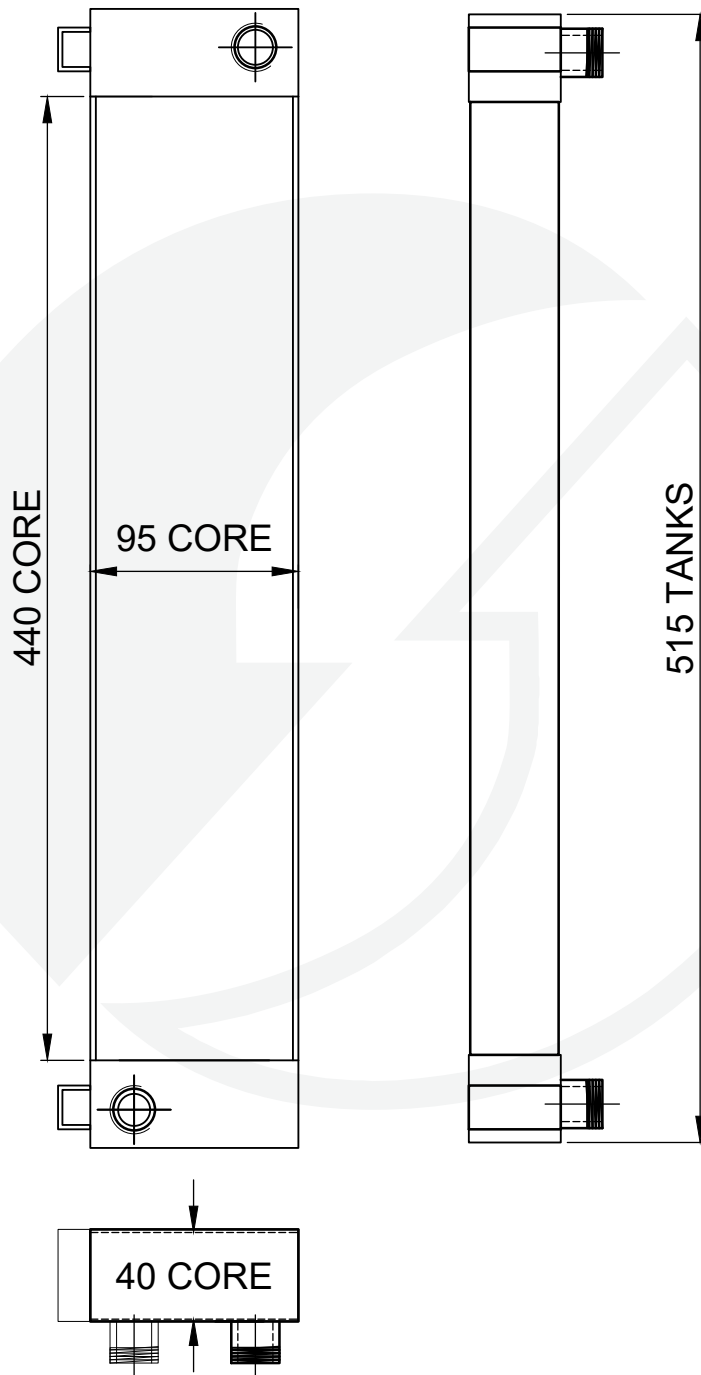
PART NUMBER: OIL440MER1COM

# MERCEDES BENZ



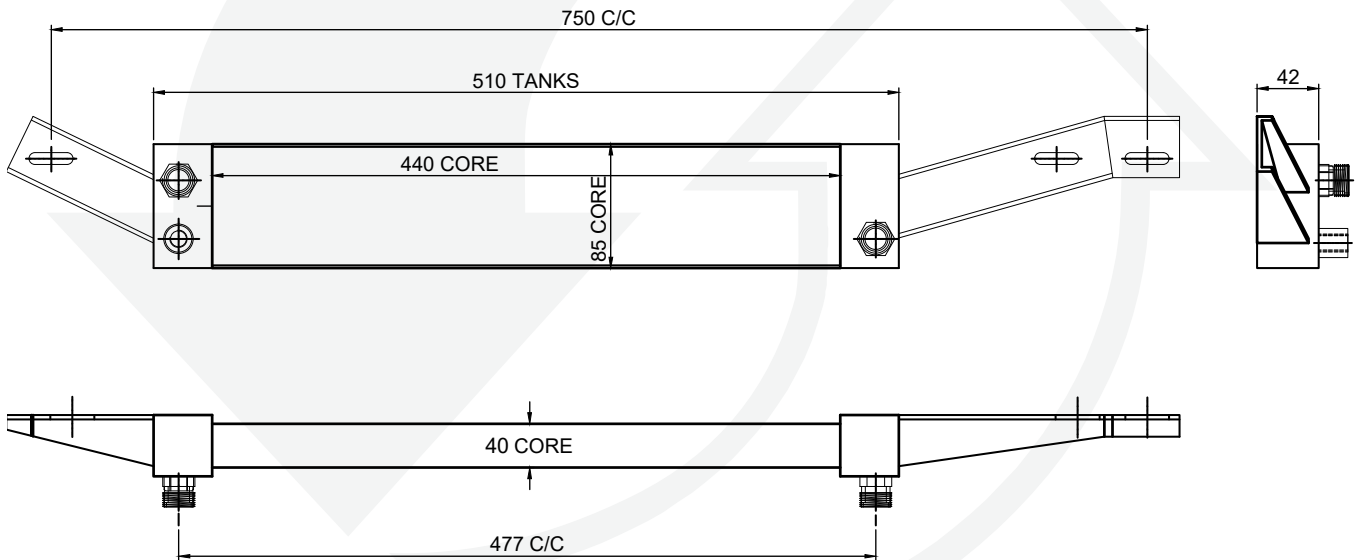
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# MERCEDES BENZ



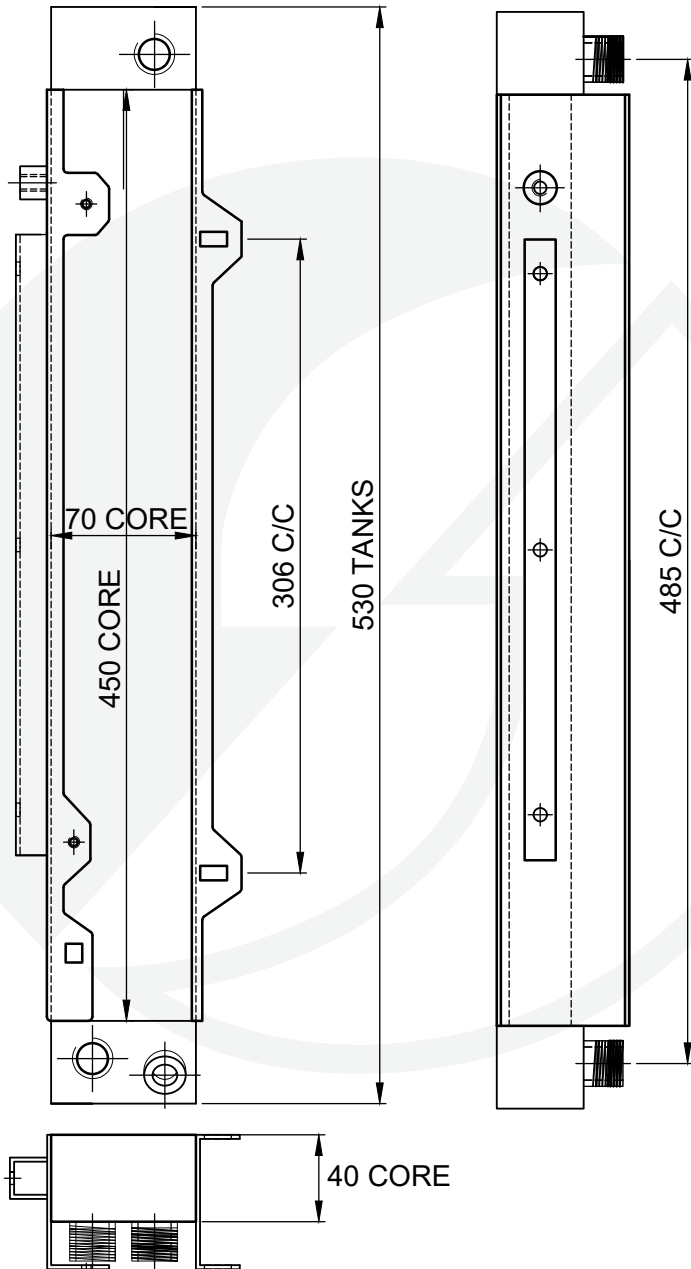
PART NUMBER: OIL440MER3COM

# MERCEDES BENZ



PART NUMBER: OIL440MER4COM

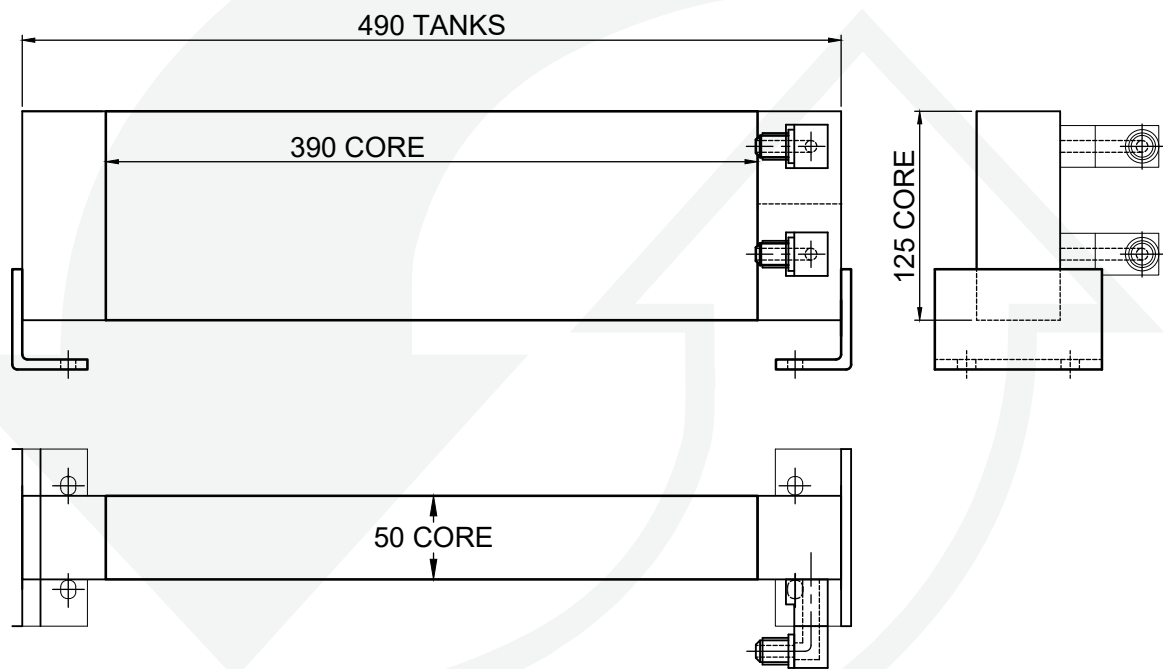
# MERCEDES BENZ



PART NUMBER: OIL450MER1COM

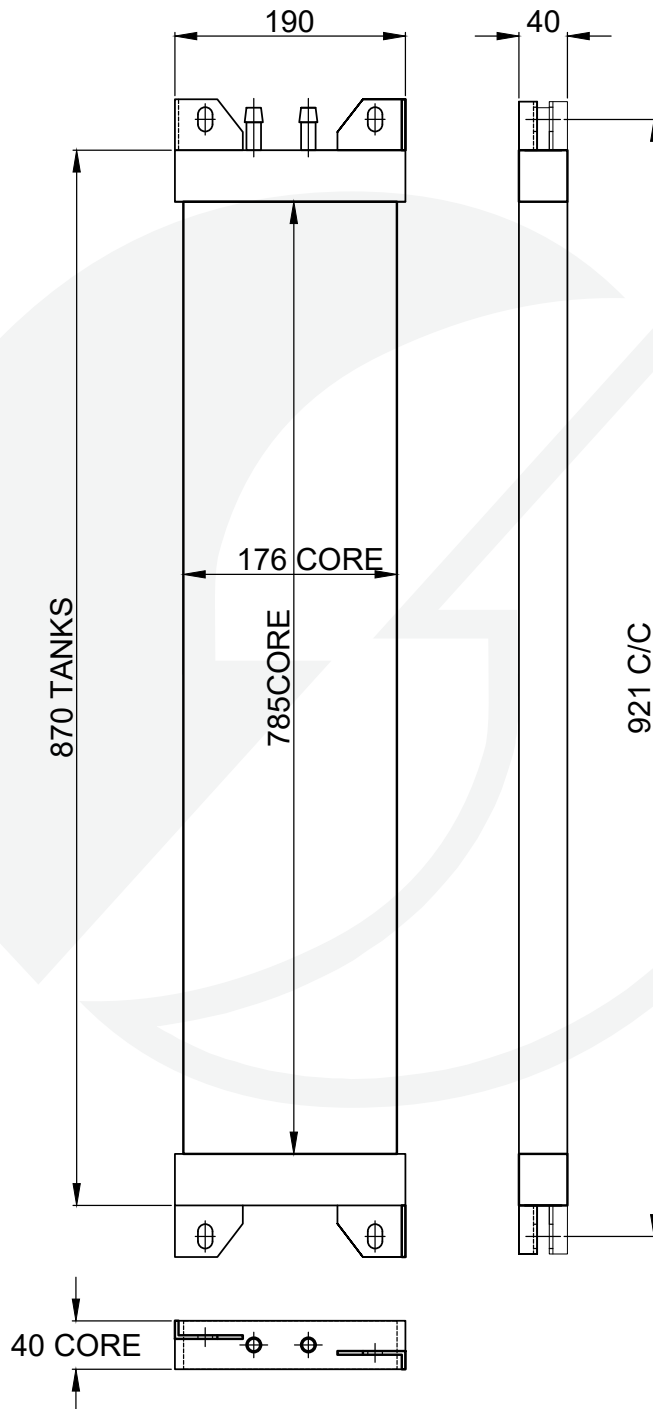


# NISSAN



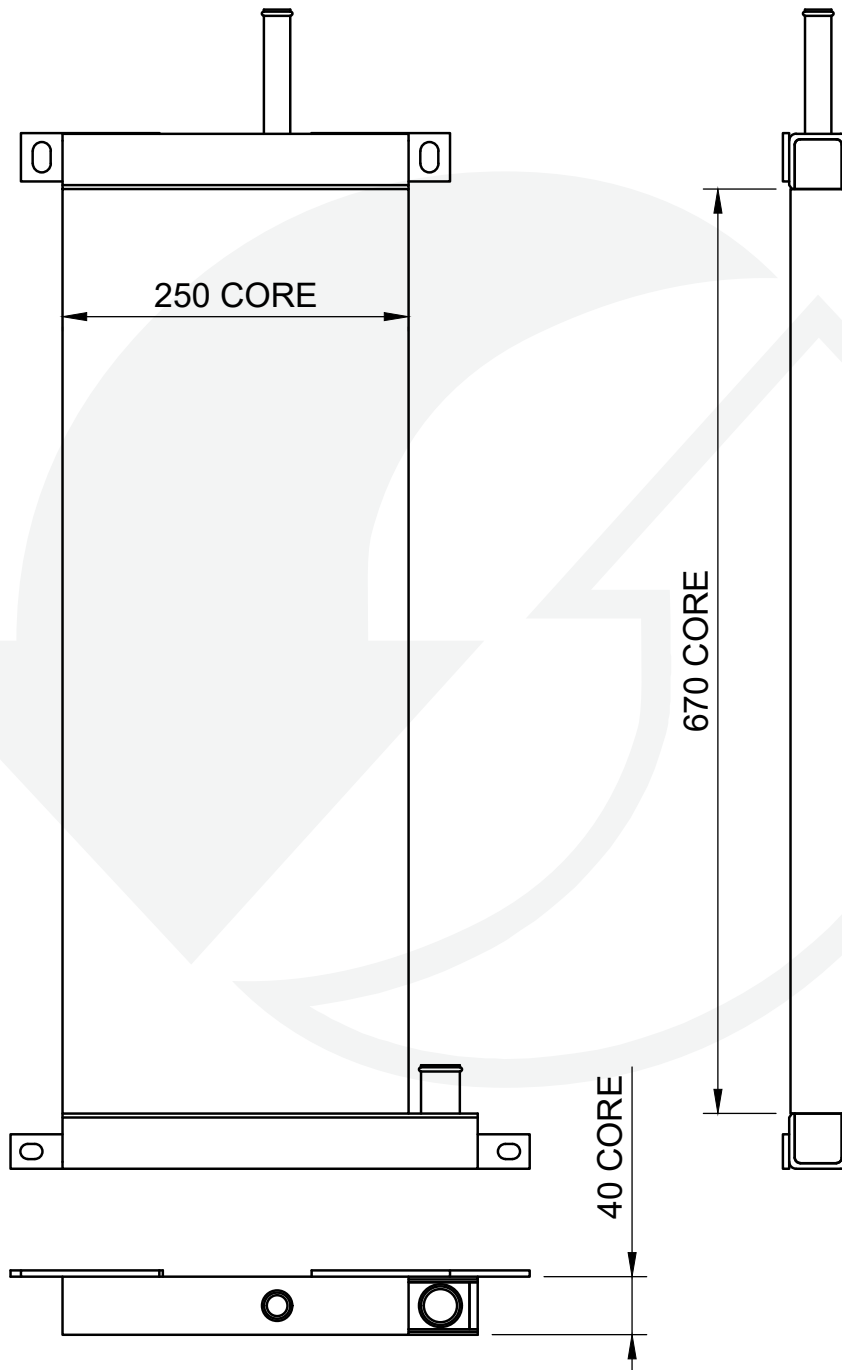
PART NUMBER: OIL394NIS1COM

# SCANIA



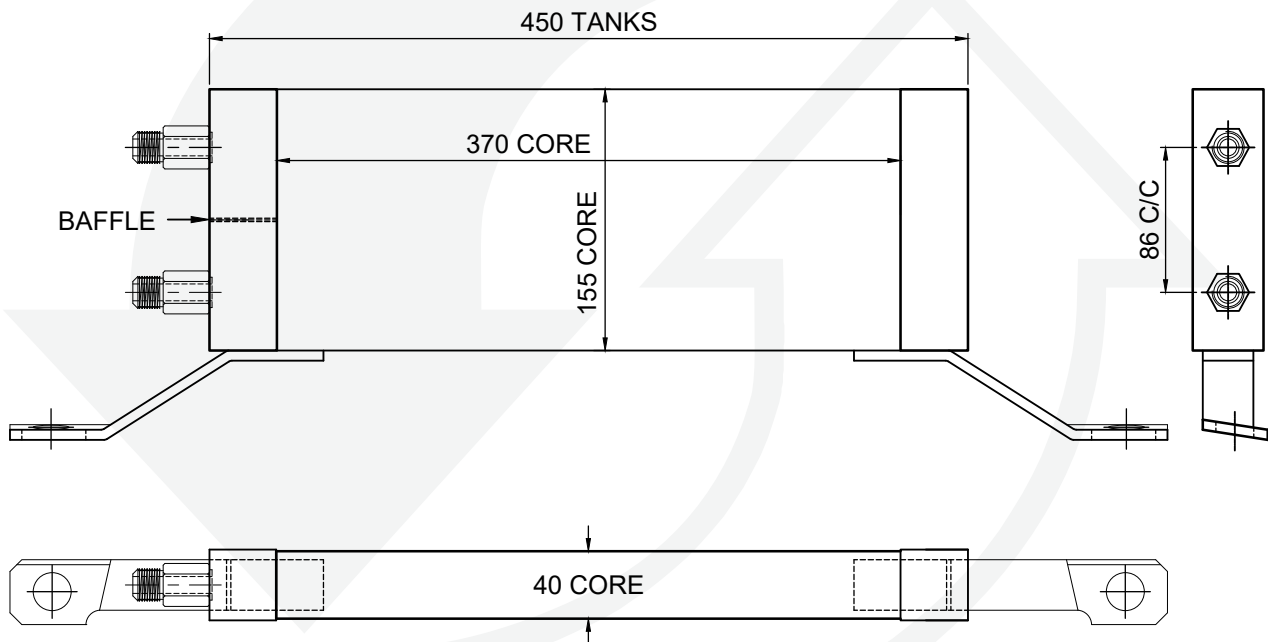
PART NUMBER: OIL785SCA1COM

# SCANIA



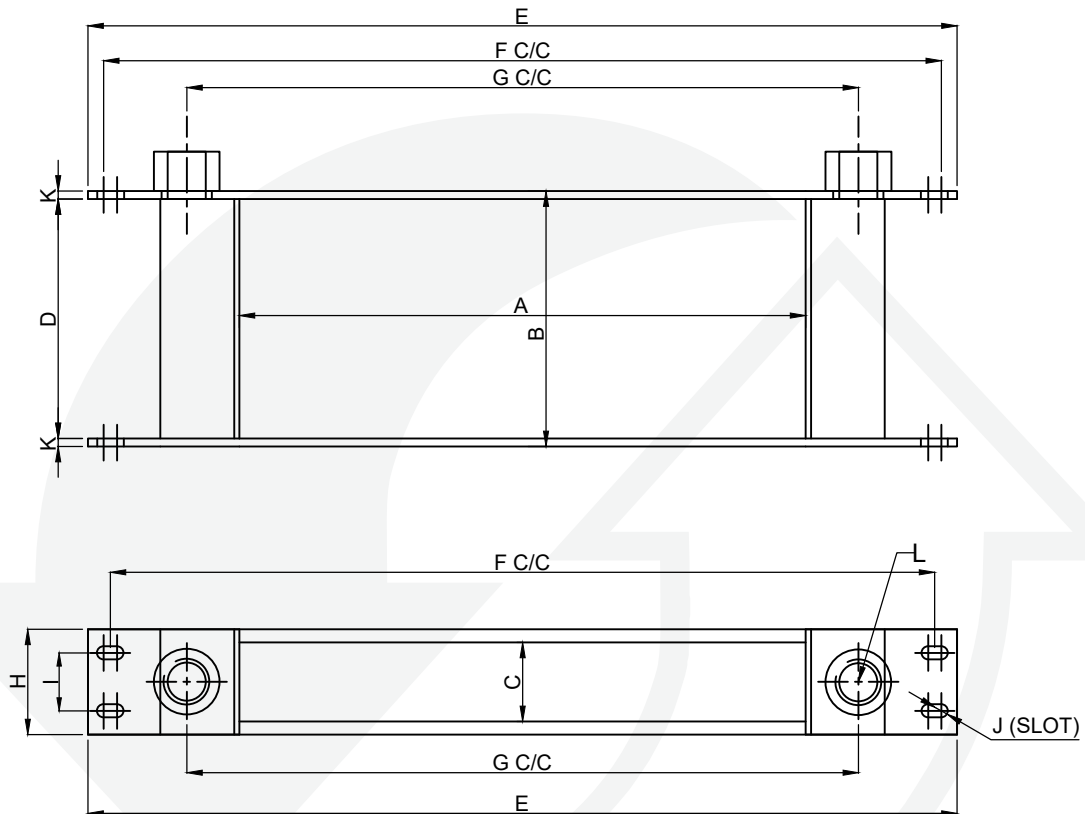
PART NUMBER: OIL670SCA1COM

# TOYOTA



PART NUMBER: OIL400TOY1COM

# ZIP COOLER

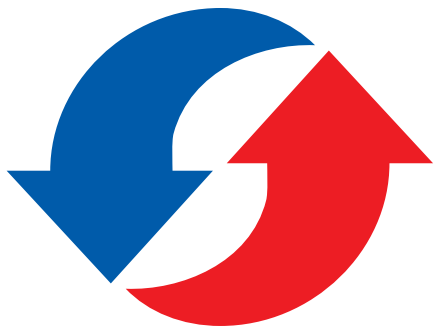


MODEL	A	B	C	D	E	F	G	H	I	J (SLOT)	K	L
ZIP3	215	60	30	54	330	312	248	42	22	Ø5 X 10	3	3/8NPT X 18TPI
ZIP5	215	80	30	74	330	312	248	42	22	Ø5 X 10	3	3/8NPT X 18TPI
ZIP7	215	96	30	90	330	312	248	42	22	Ø5 X 10	3	3/8NPT X 18TPI
ZIP9	215	125	30	119	330	312	248	42	22	Ø5 X 10	3	3/8NPT X 18TPI
ZIP11	215	150	30	144	330	312	248	42	22	Ø5 X 10	3	3/8NPT X 18TPI
ZIP13	215	167	30	161	330	312	248	42	22	Ø5 X 10	3	3/8NPT X 18TPI
ZIP15	215	200	30	194	330	312	248	42	22	Ø5 X 10	3	3/8NPT X 18TPI



PART NUMBER: SEE ABOVE TABLE

CAPE HEAT EXCHANGE



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***HEAT TRANSFER PRODUCTS***

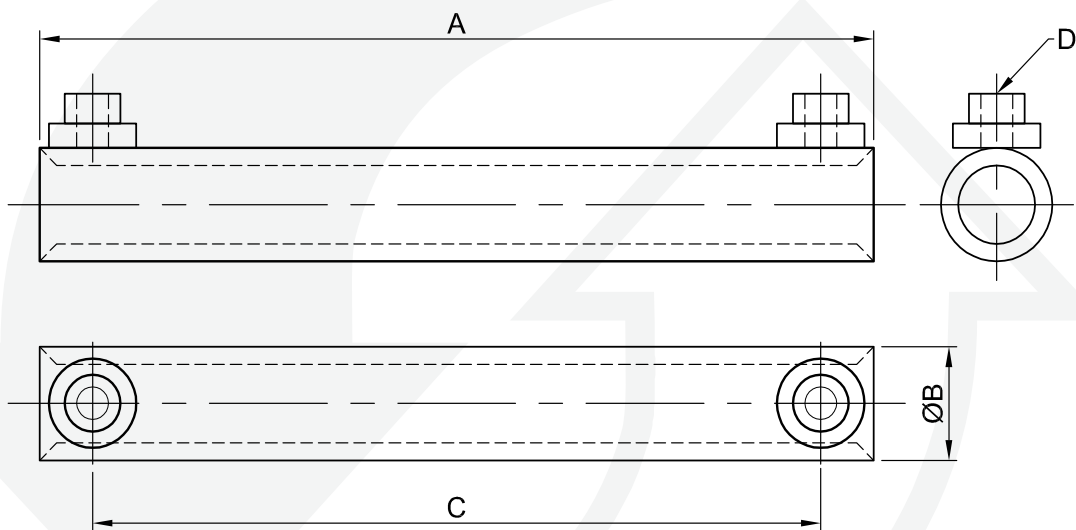
**TRANSMISSION  
COOLERS**



# TRANSMISSION COOLER DOUBLE BARREL

A TMOC Double barrel consists of a smaller tube of another. The oil flows between two tubes and the two tubes and the water through the centre of the inner tube.

Various standard sizes are available and we are able to manufacture per client specifications as well.



MODEL	MAKE	A	B	C	D
TMOC-DB 333FOR1	FORD	333	2x38	307	MODEL SPECIFIC
TMOC-DB 315HYS1	HYSTER	315	42	275	MODEL SPECIFIC
TMOC-DB 360MER1	MERC	360	38	333	MODEL SPECIFIC
TMOC-DB 360MER2	MERC	360	38	348	MODEL SPECIFIC
TMOC-DB 390MER1	MERC	390	38	349	MODEL SPECIFIC
TMOC-DB 405MER1	MERC	405	25	375	MODEL SPECIFIC
TMOC-DB 540MER1	MERC	540	38	500	MODEL SPECIFIC
TMOC-DB 330TOY1	TOYOTA	330	38	276	MODEL SPECIFIC



MODEL: TMOC DOUBLE BARREL

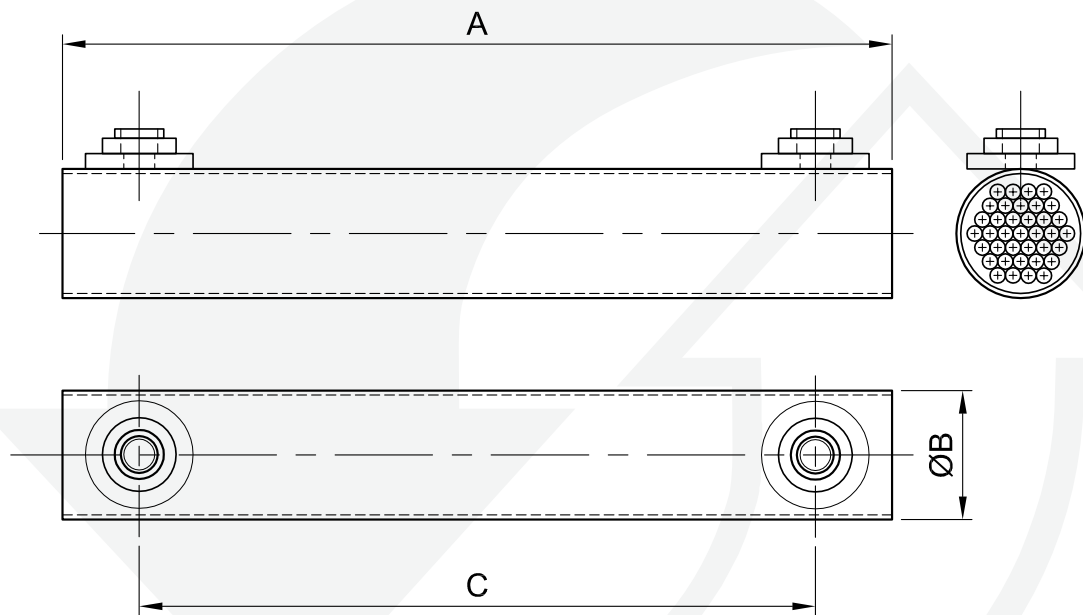
PART NUMBER: SEE TABLE



# TRANSMISSION COOLER TUBE STACK

A TMOC stack consists of an outer tube that creates a shell in which the oil flows to increase heat transfer surface area. A number of small tubes run inside of the large tube which acts as the water flow path.

Various standard models are available and we are able to manufacture per client specifications as well.



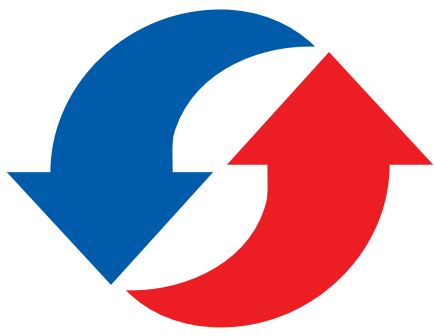
MODEL	MAKE	A	B	C	D
TMOC 240HYS1	HYSTER	240	42	200	MODEL SPECIFIC
TMOC 270HYS1	HYSTER	270	42	220	MODEL SPECIFIC
TMOC 275HYS1	HYSTER	275	42	250	MODEL SPECIFIC
TMOC 310HYS1	HYSTER	310	42	275	MODEL SPECIFIC
TMOC 350HYS1	HYSTER	350	42	304	MODEL SPECIFIC
TMOC 430HYS1	HYSTER	430	42	379	MODEL SPECIFIC
TMOC210LRO1	LANDR	210	38	166	MODEL SPECIFIC
TMOC 365JCB1	JCB	365	67	65	MODEL SPECIFIC



MODEL: TMOC TUBE STACK

PART NUMBER: SEE TABLE

CAPE HEAT EXCHANGE



**CHE**

**HEAT TRANSFER PRODUCTS**

**TUBE & SHELL  
COOLERS**

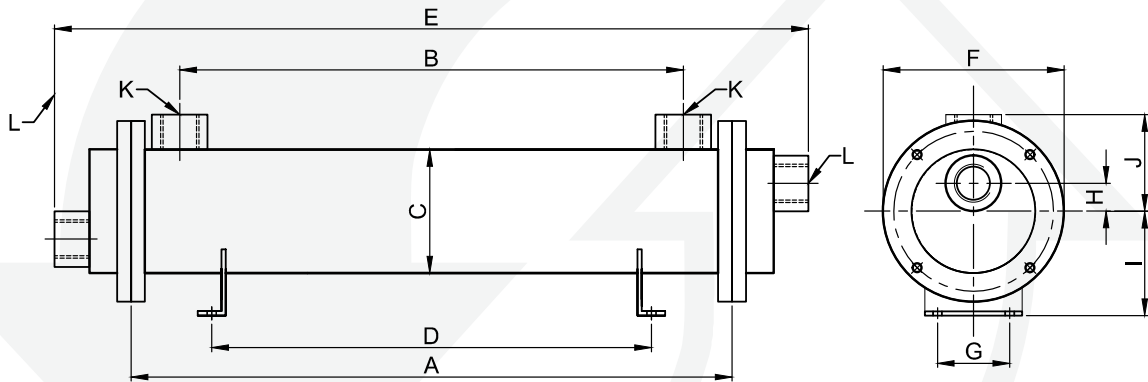


# SSB

Cape Heat Exchange has developed the **SSB-cooler** range. This is a replacement range for the popular Bowman heat exchangers, it will be a tube and shell heat exchanger with either a copper or copper nickel tube stack depending on whether the unit is used with fresh water or sea water.

Different to the Bowman/SB series this unit will have a full stainless steel 316 shell with end-caps and so move away from the pre-casted aluminium shells. This will also allow us to be more flexible to customer specifications as we aren't restricted by pre-cast shells and can manufacture to customer specific requirements.

The stainless steel shell will increase the durability of the units and because the Bowman heat exchangers is a UK based product, the lead time will be substantially less to produce locally.

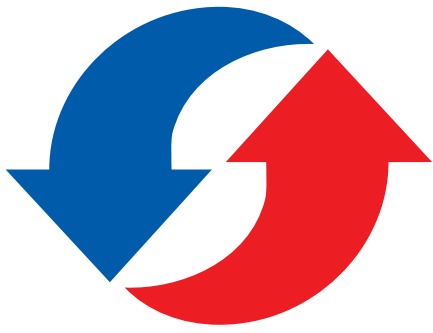


Model	A	B	C	D	E	F	G	H	I	J	K & L
83/210	210	140	89	104	320	130	52	20	71	69	3/4"
83/300	300	226	89	190	410	130	52	20	71	69	3/4"
83/400	400	324	89	288	510	130	52	20	71	69	3/4"
83/525	525	452	89	416	635	130	52	20	71	69	3/4"
108S/280	280	202	114	190	400	165	76	25	93	83	1"
108S/380	380	300	114	288	500	165	76	25	93	83	1"
108S/510	510	428	114	288	630	165	76	25	93	83	1"
108S/650	650	574	114	434	770	165	76	25	93	83	1"
108L/380	380	294	114	190	500	165	76	25	93	83	1 1/4"
108L/510	510	422	114	318	630	165	76	25	93	83	1 1/4"
108L/650	650	568	114	464	770	165	76	25	93	83	1 1/4"
108L/840	840	746	114	642	960	165	76	25	93	83	1 1/4"
135/370	370	272	141	108	510	215	120	38	117	108	1 1/2"
135/650	650	546	141	382	790	215	120	38	117	108	1 1/2"
135/830	830	724	141	560	970	215	120	38	117	108	1 1/2"
135/1030	1030	926	141	762	1170	215	120	38	117	108	1 1/2"



MODEL: CAPE HEAT EXCHANGE  
SSB RANGE

PART NUMBER: SEE ABOVE TABLE



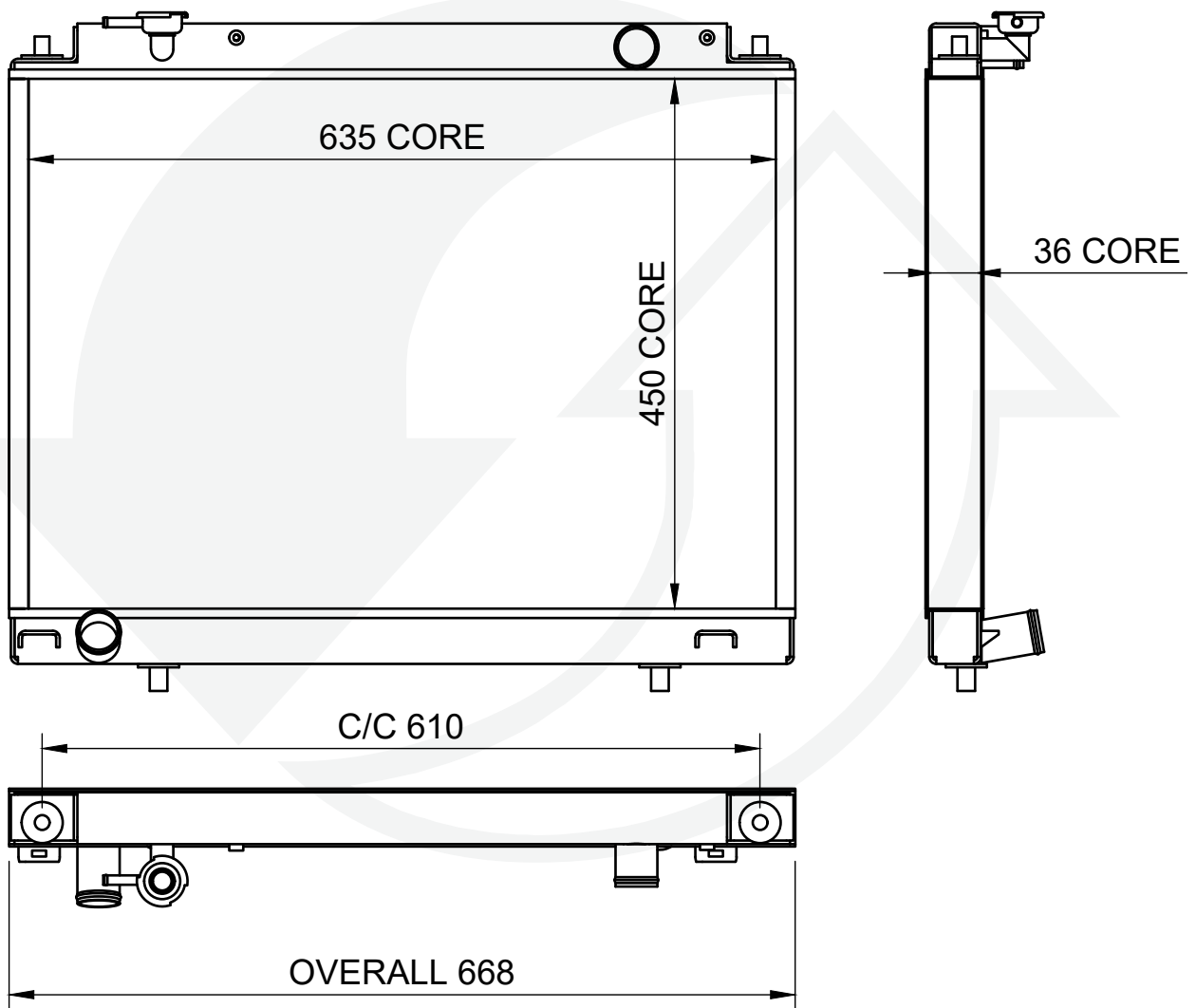
**CHE**

**HEAT TRANSFER PRODUCTS**

# HEADER PLATE RADIATORS

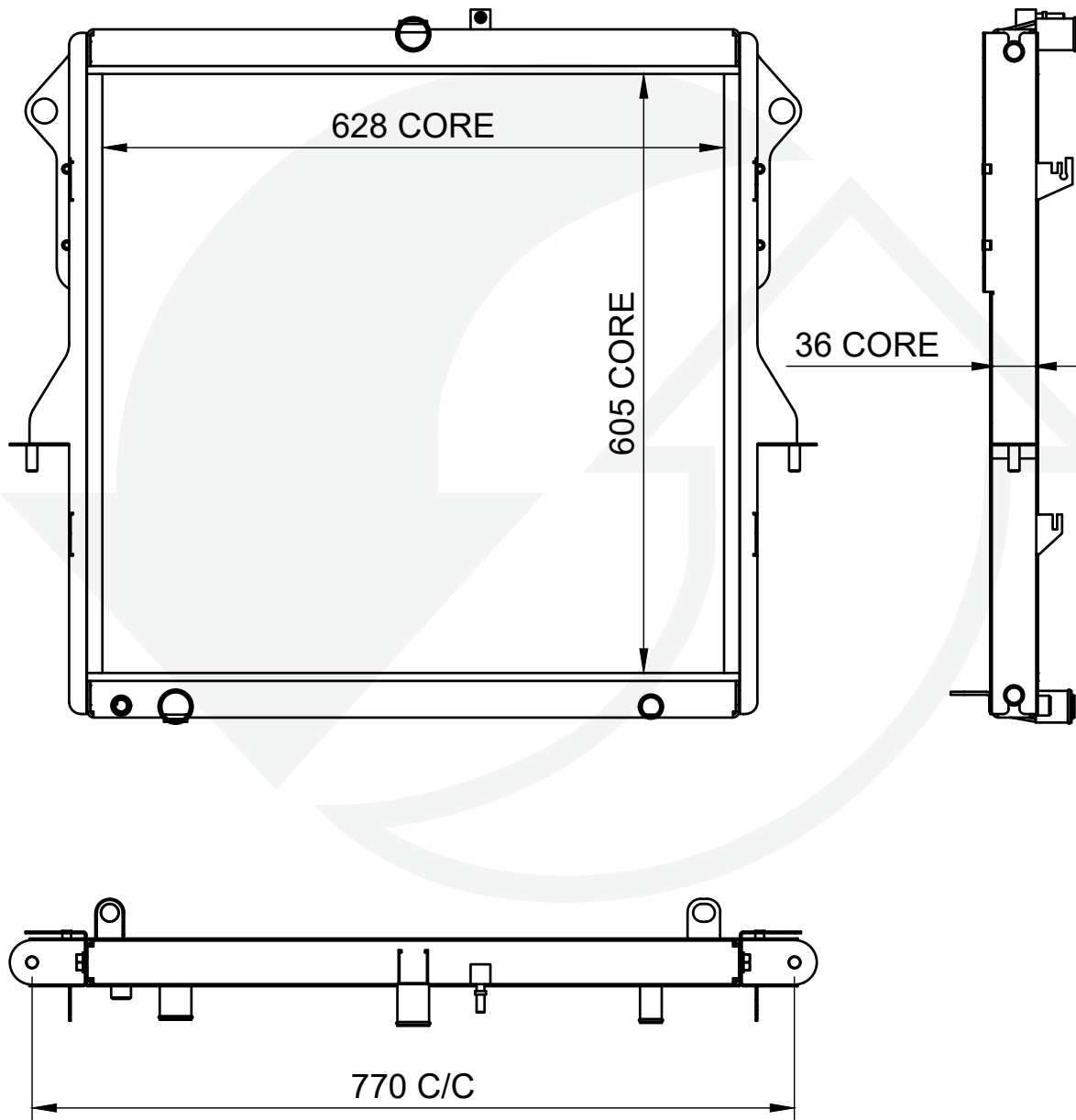


# FORD RANGER 2.5 & 3.0



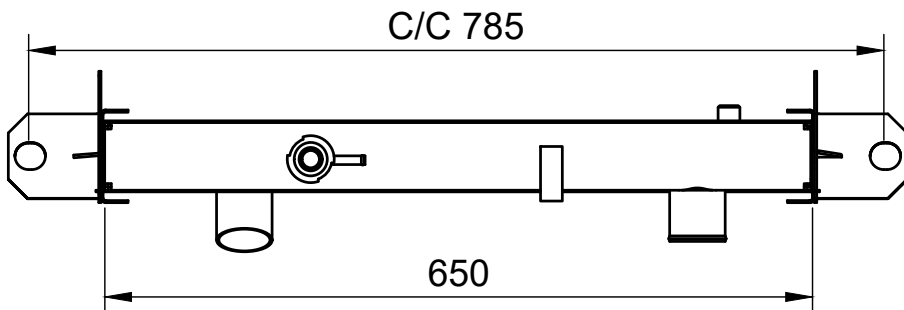
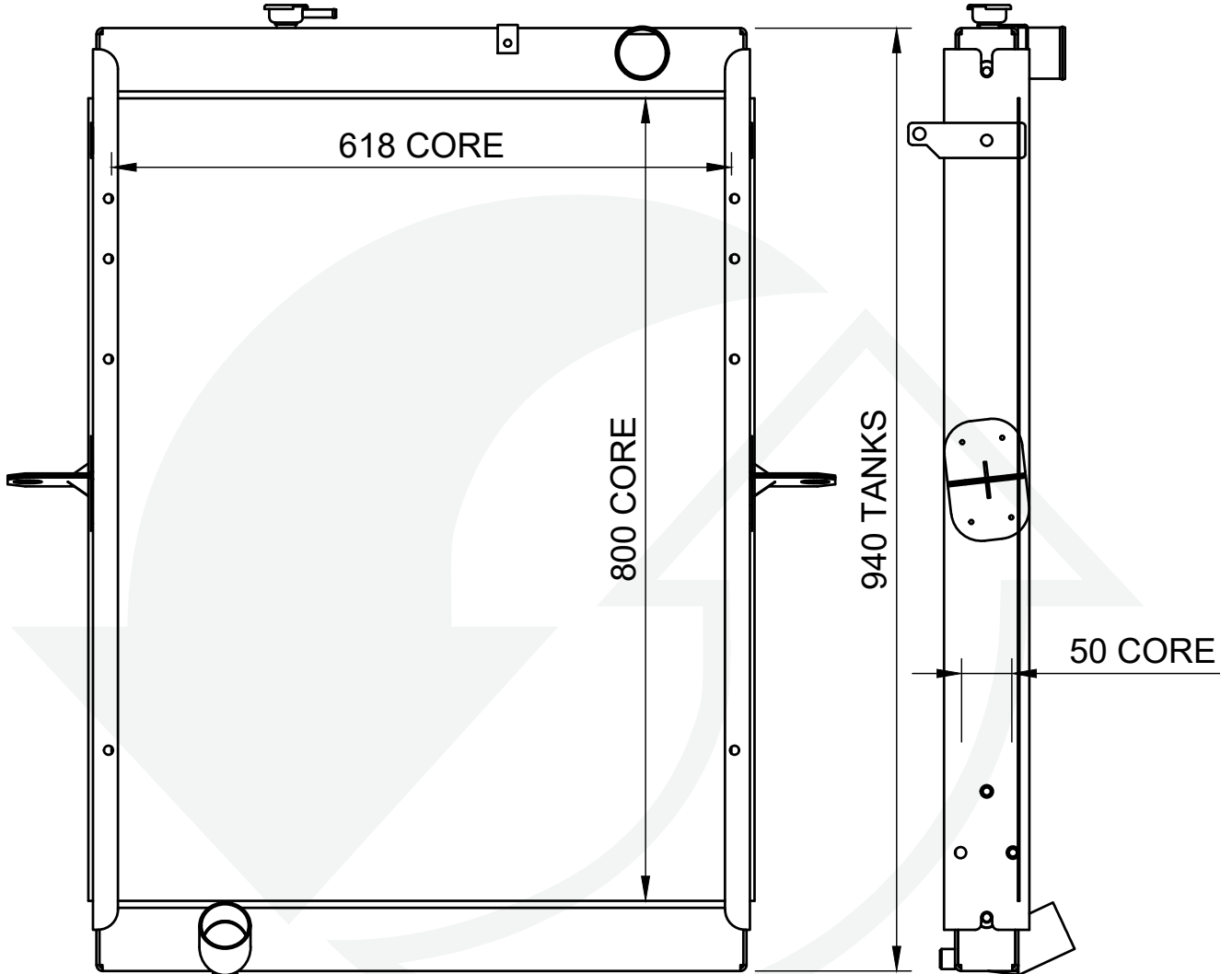
PART NUMBER: RAD450FOR1COM

# FORD RANGER 2.2 & 3.2



PART NUMBER: RAD605FOR1COM

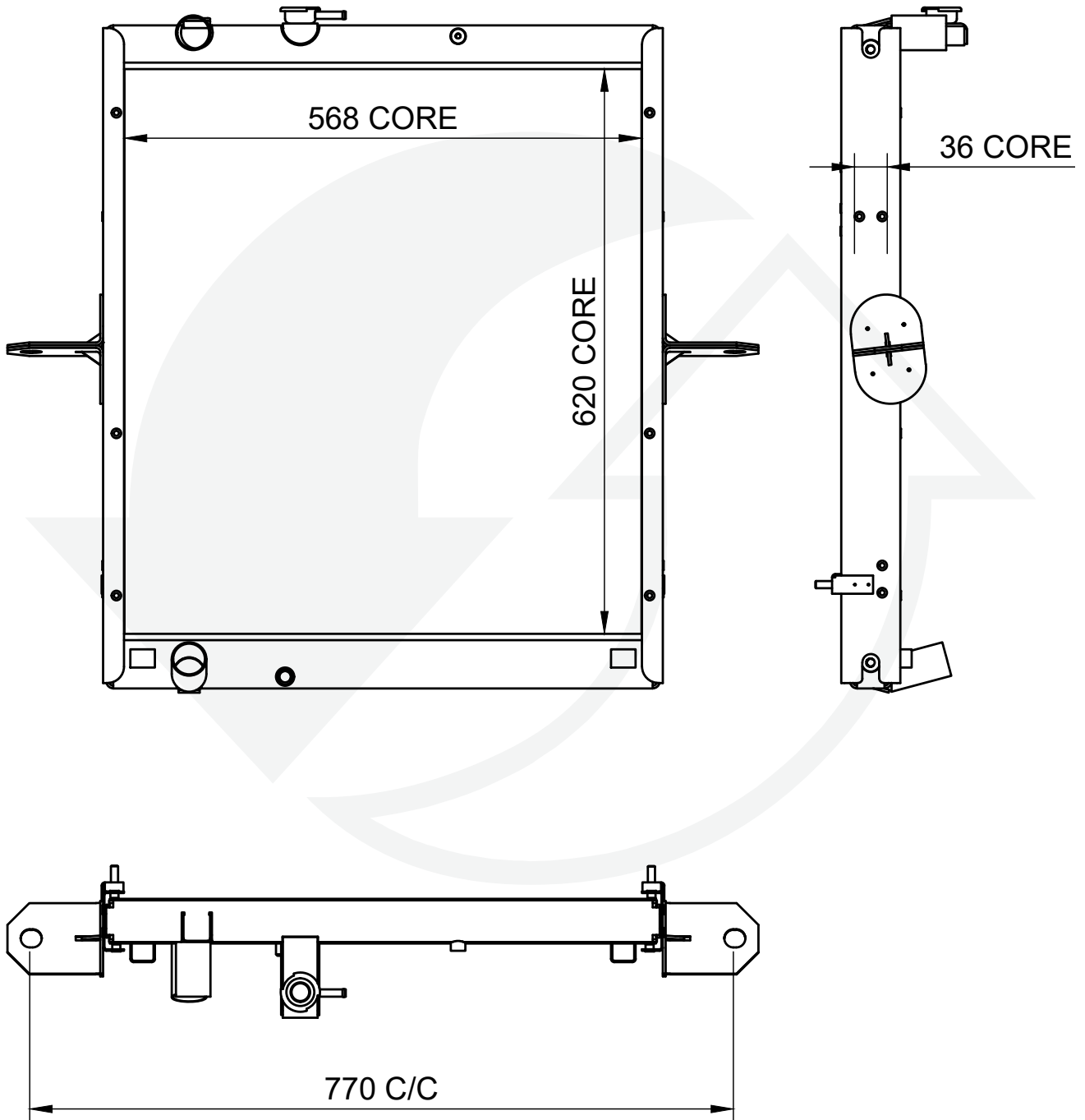
# ISUZU FVZ I400



PART NUMBER: RAD800ISU1COM

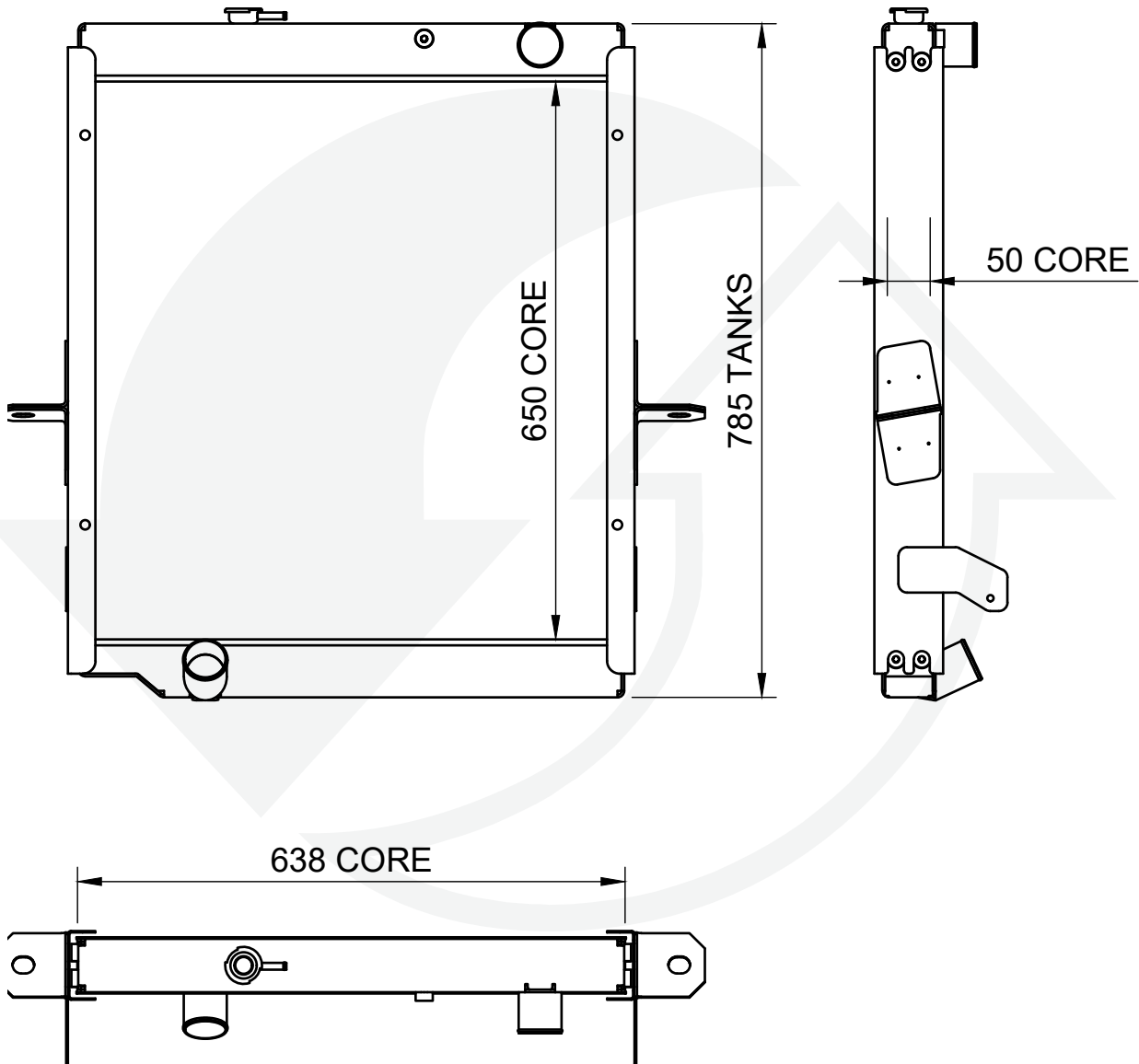


# ISUZU NPR 400 & 500



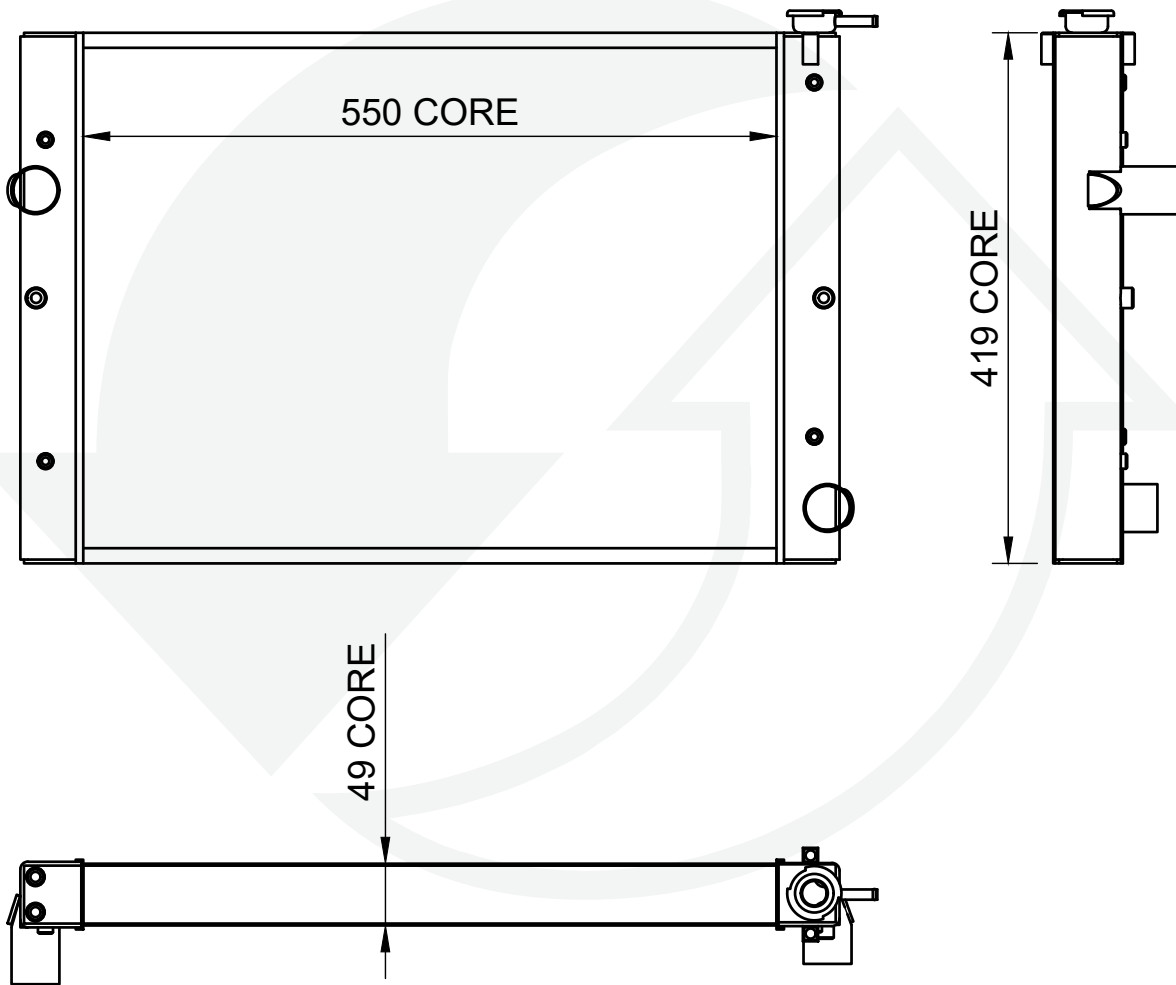
PART NUMBER: RAD620ISU2COM

# ISUZU FTR 850 & 800



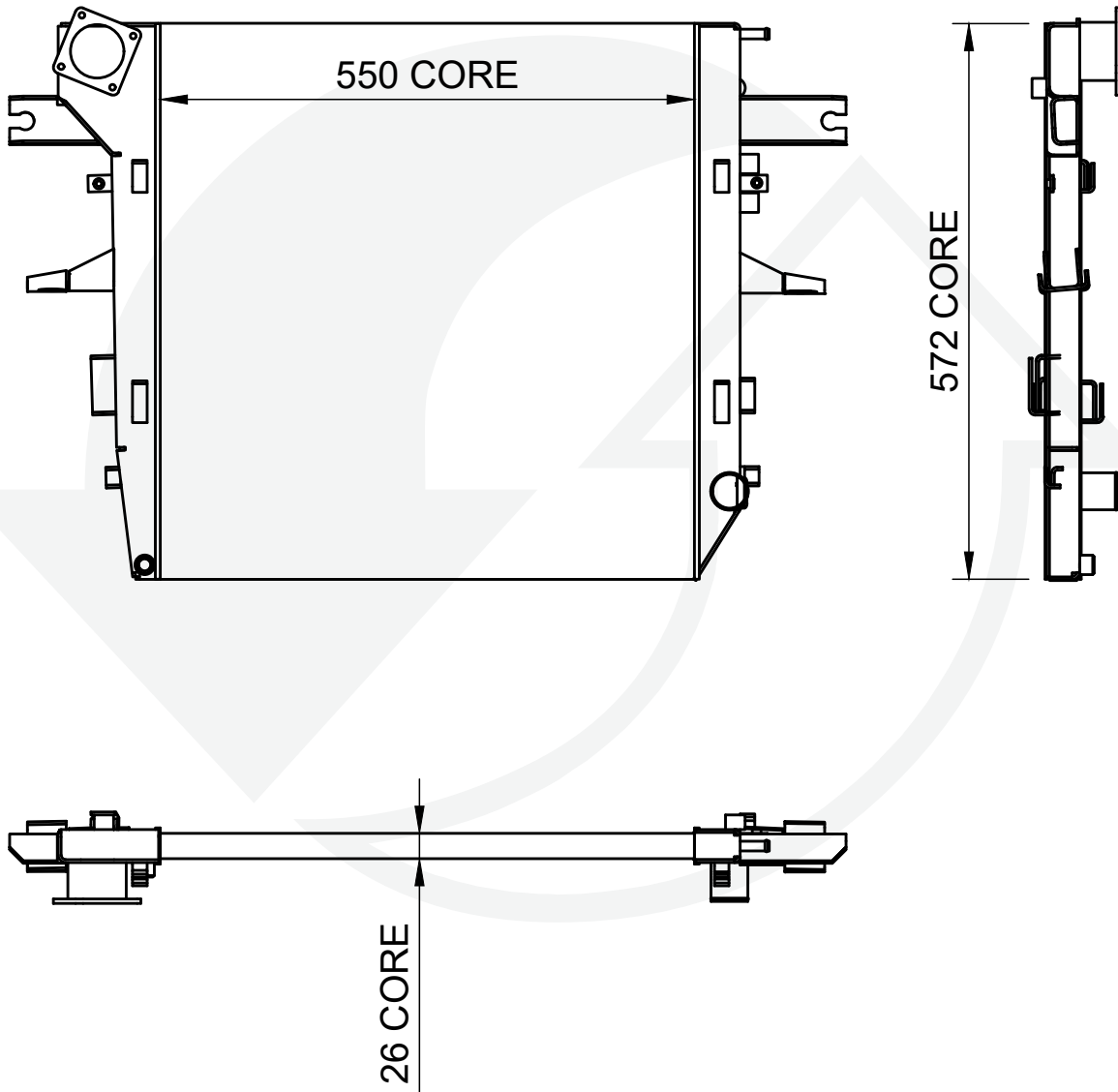
PART NUMBER: RAD650ISU1COM

# MAHINDRA BOLERO



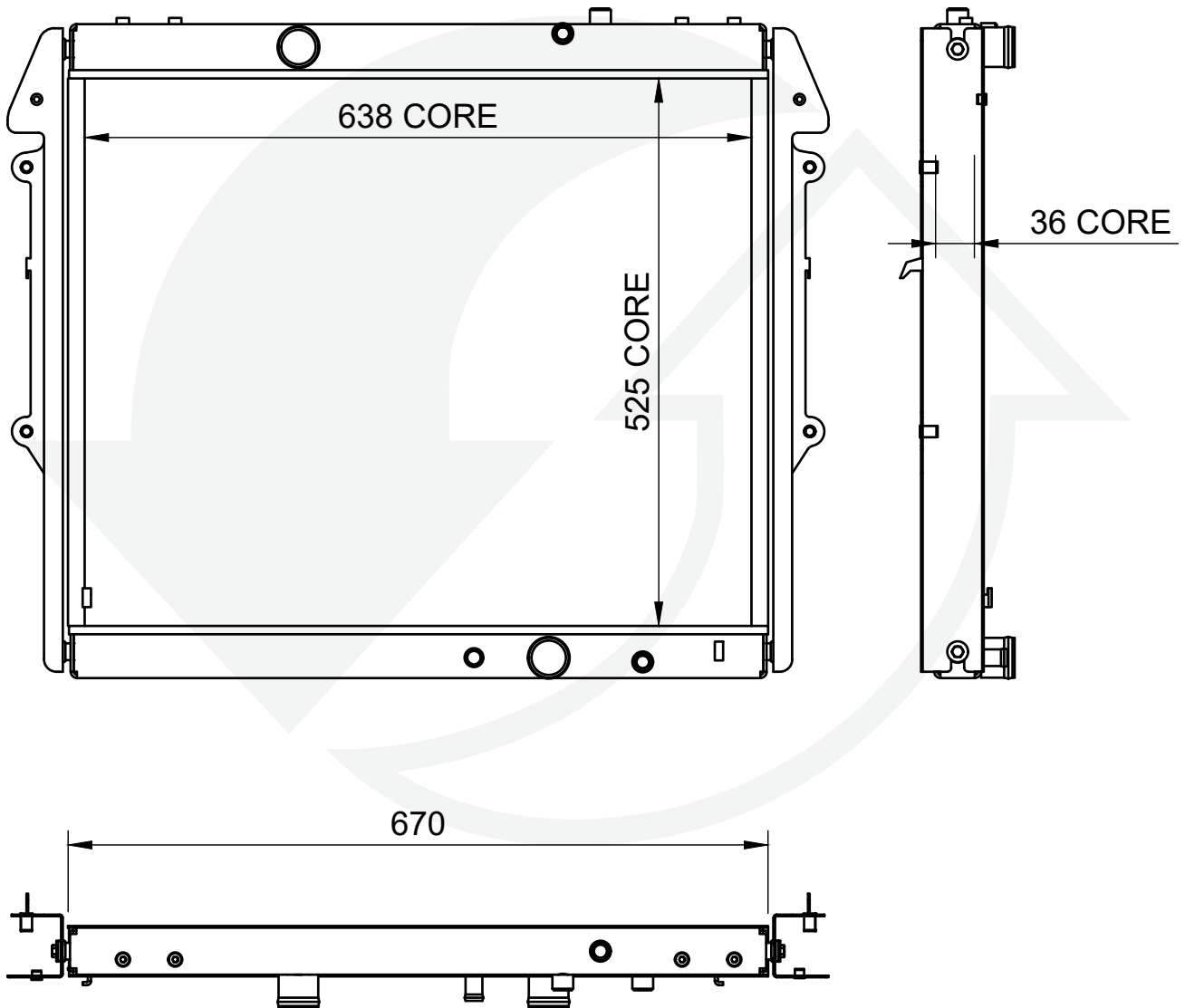
PART NUMBER: RAD550MAH1COM

# MAHINDRA SCORPIO MHAWK



PART NUMBER: RAD550MAH2COM

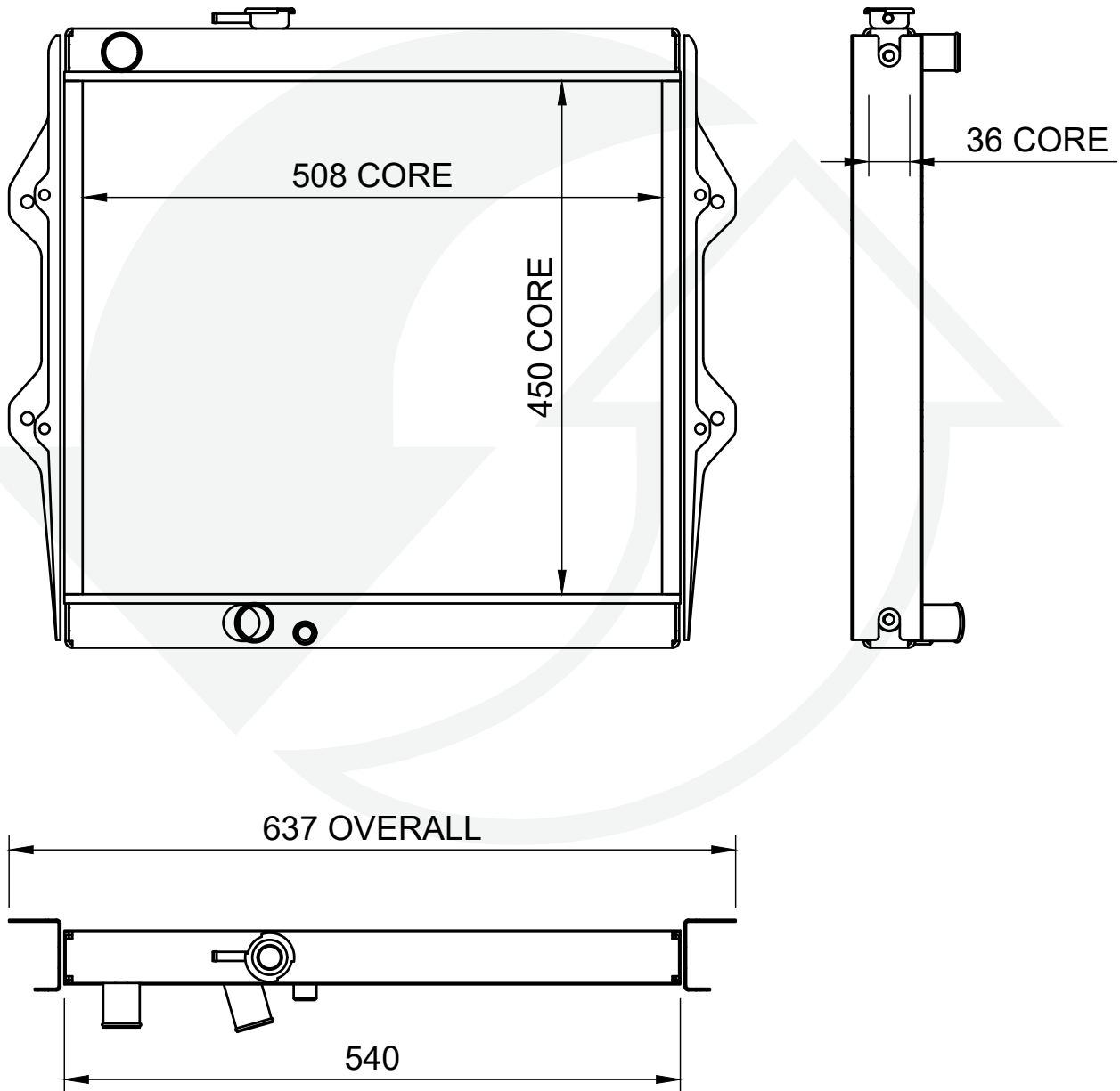
# TOYOTA HILUX D4D



MODEL: (2004-2015)

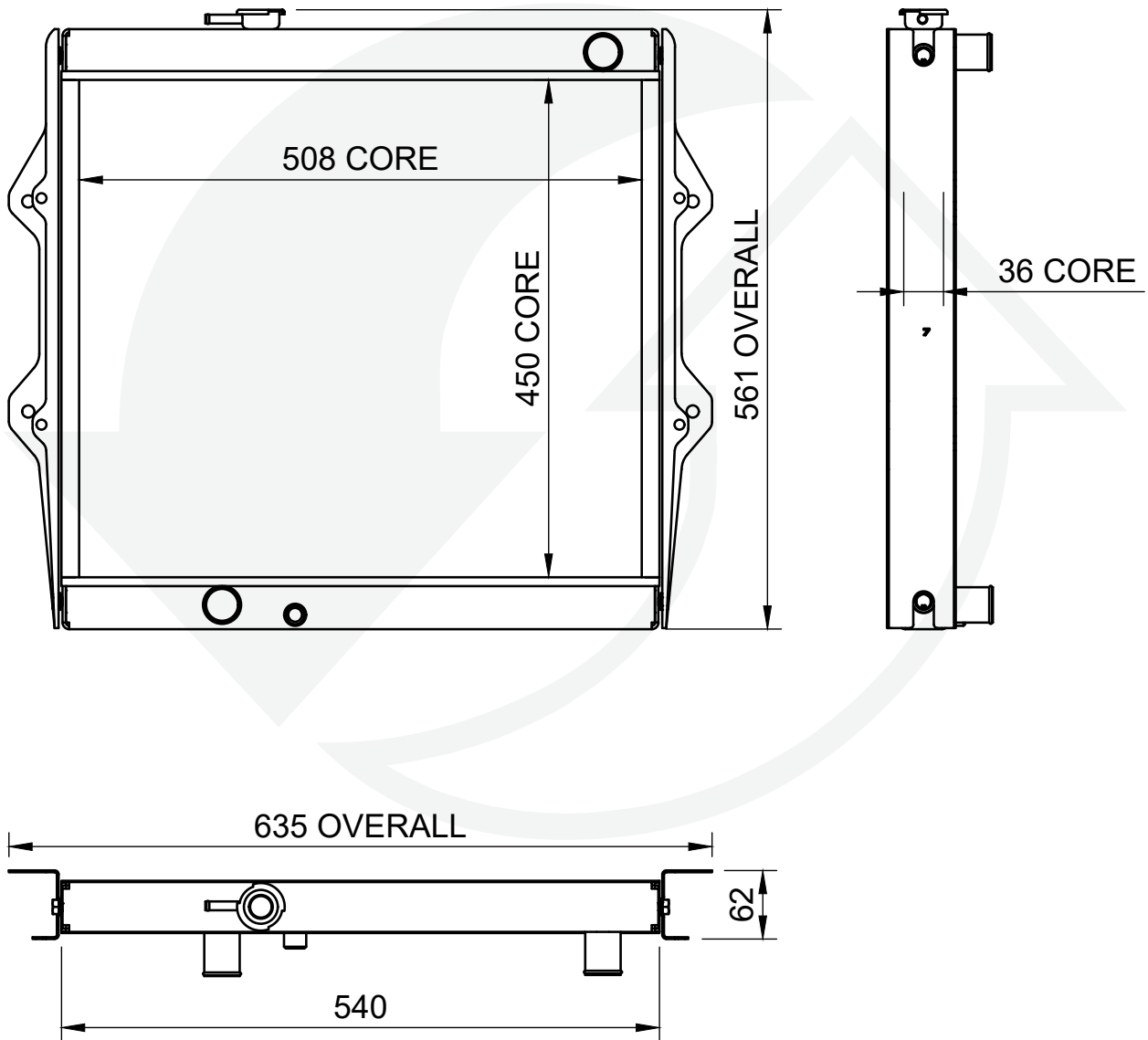
PART NUMBER: RAD525TOY1COM

# TOYOTA HILUX 98 2400i



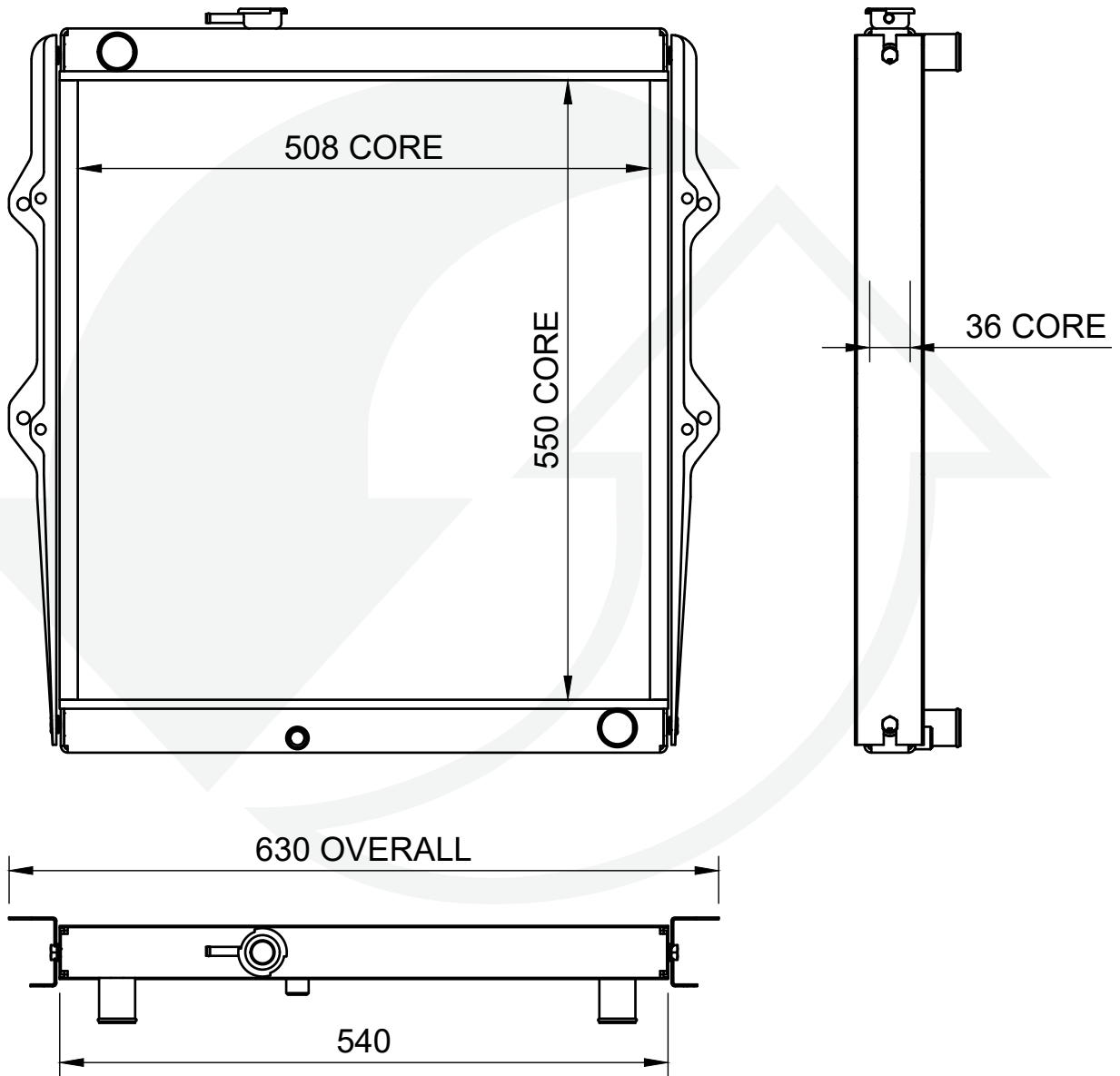
PART NUMBER: RAD450TOY2COM

# TOYOTA HILUX 98 2700i



PART NUMBER: RAD450TOY3COM

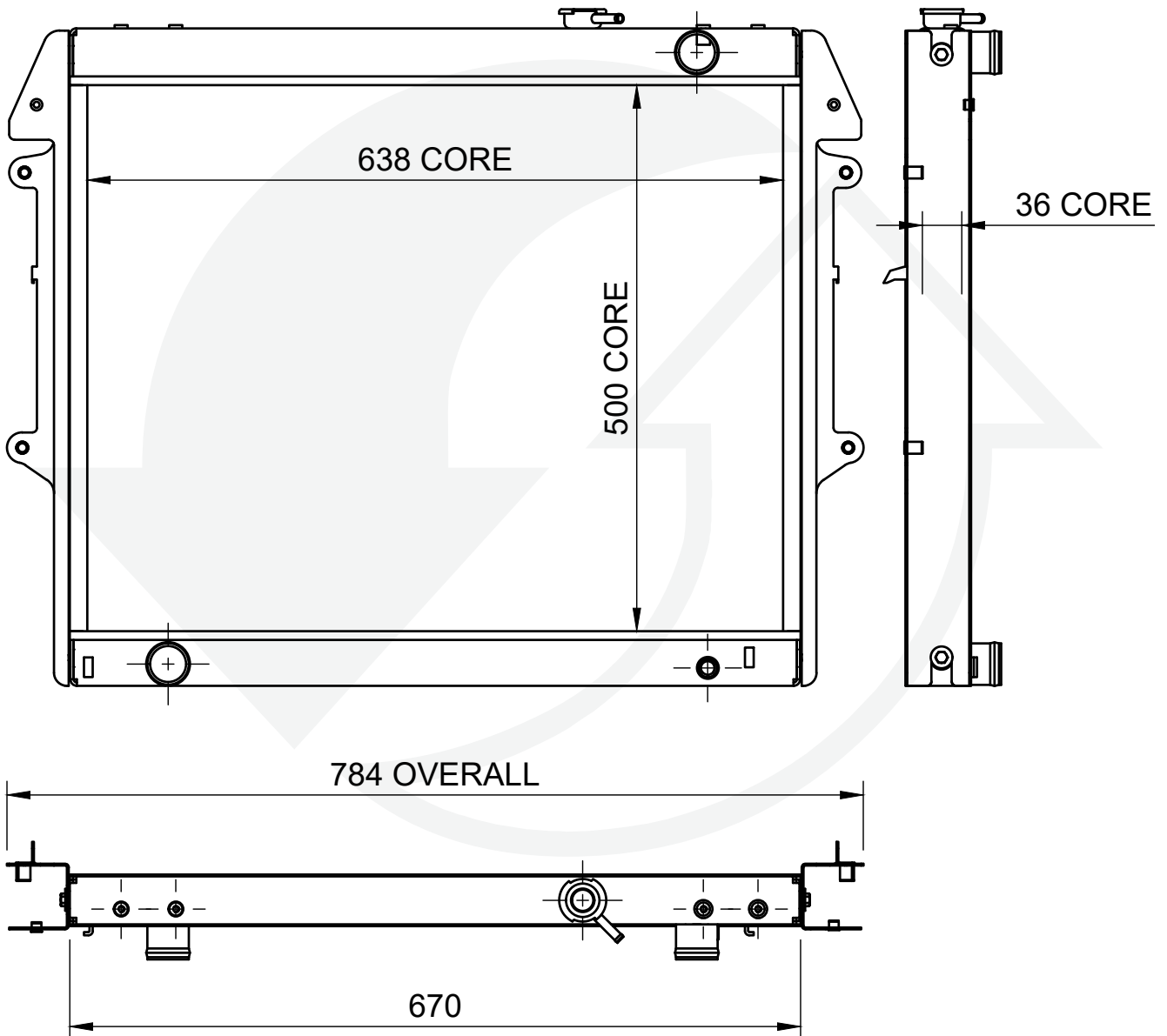
# TOYOTA HILUX 98 KZTE



PART NUMBER: RAD550TOY1COM

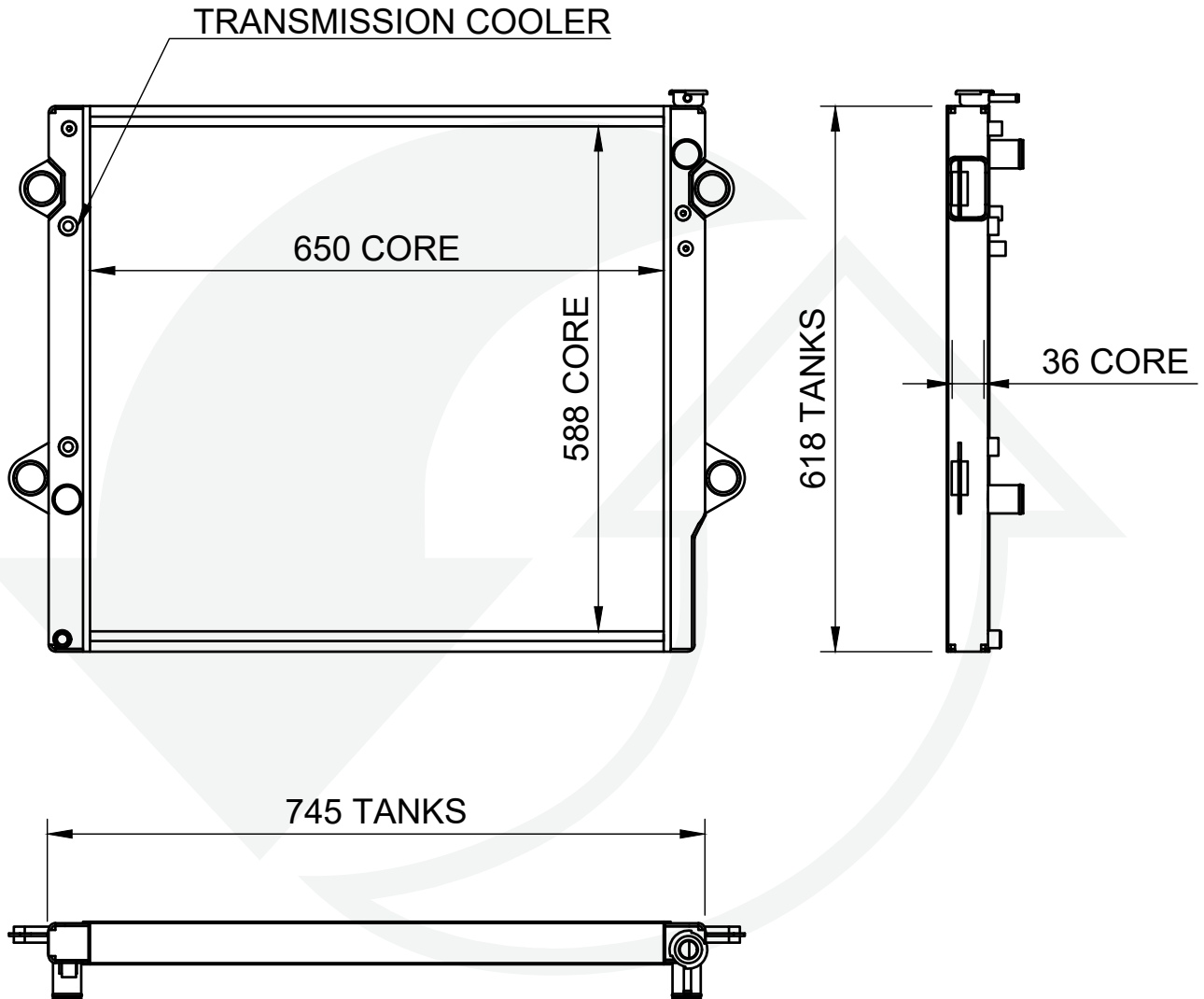


# TOYOTA HILUX 2.4 & 2.8



PART NUMBER: RAD500TOY1COM

# TOYOTA PRADO (2002-2008)

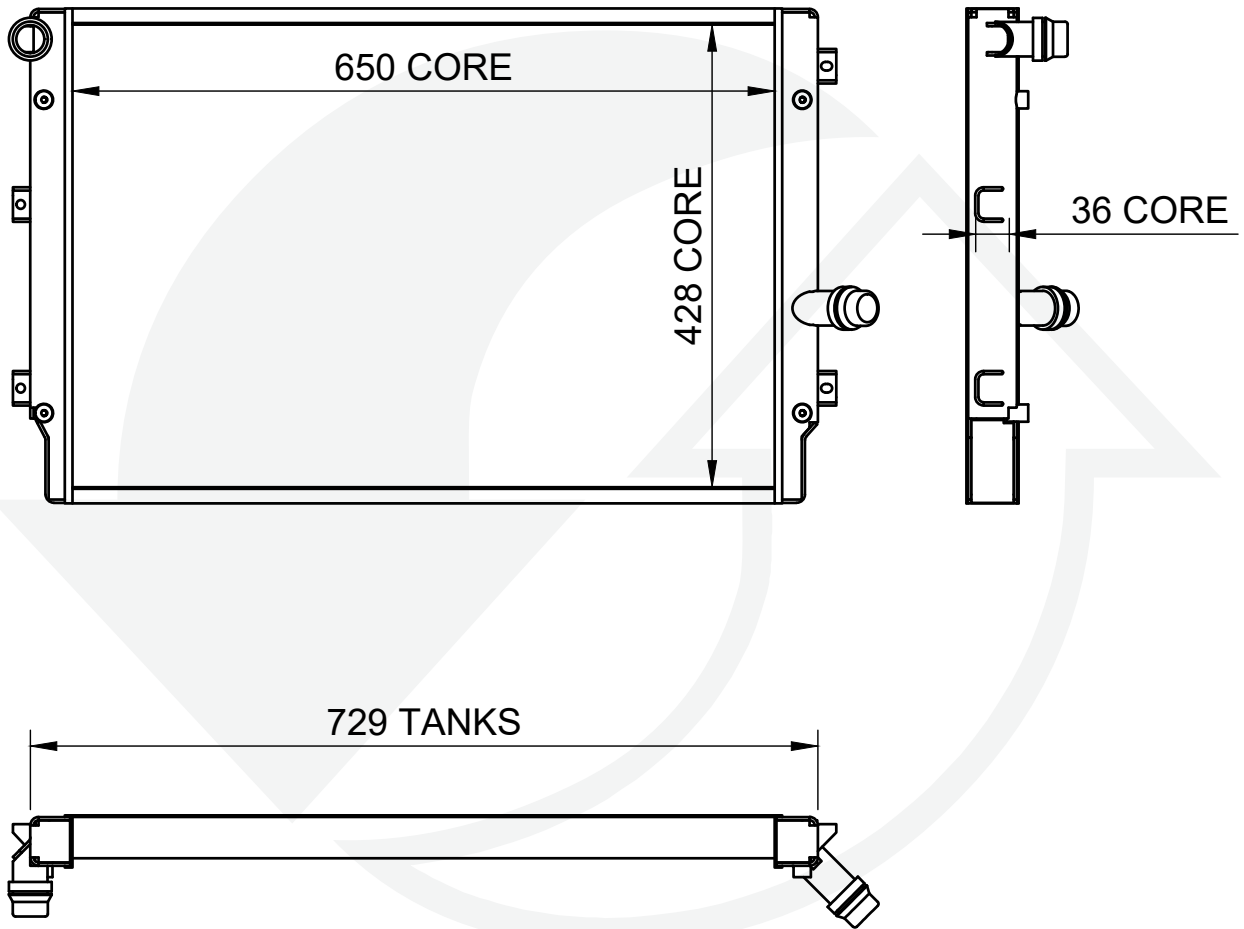


\*FROM JANUARY 2025



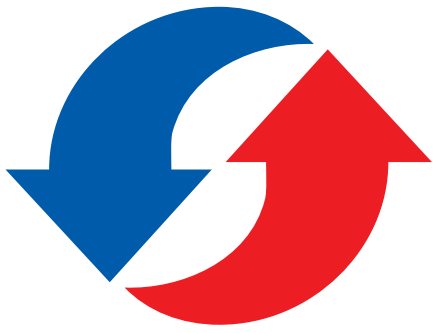
PART NUMBER: RAD650TOY1COM

# VOLKSWAGEN CADDY (2004-2019)



PART NUMBER: RAD650VOL1COM

CAPE HEAT EXCHANGE



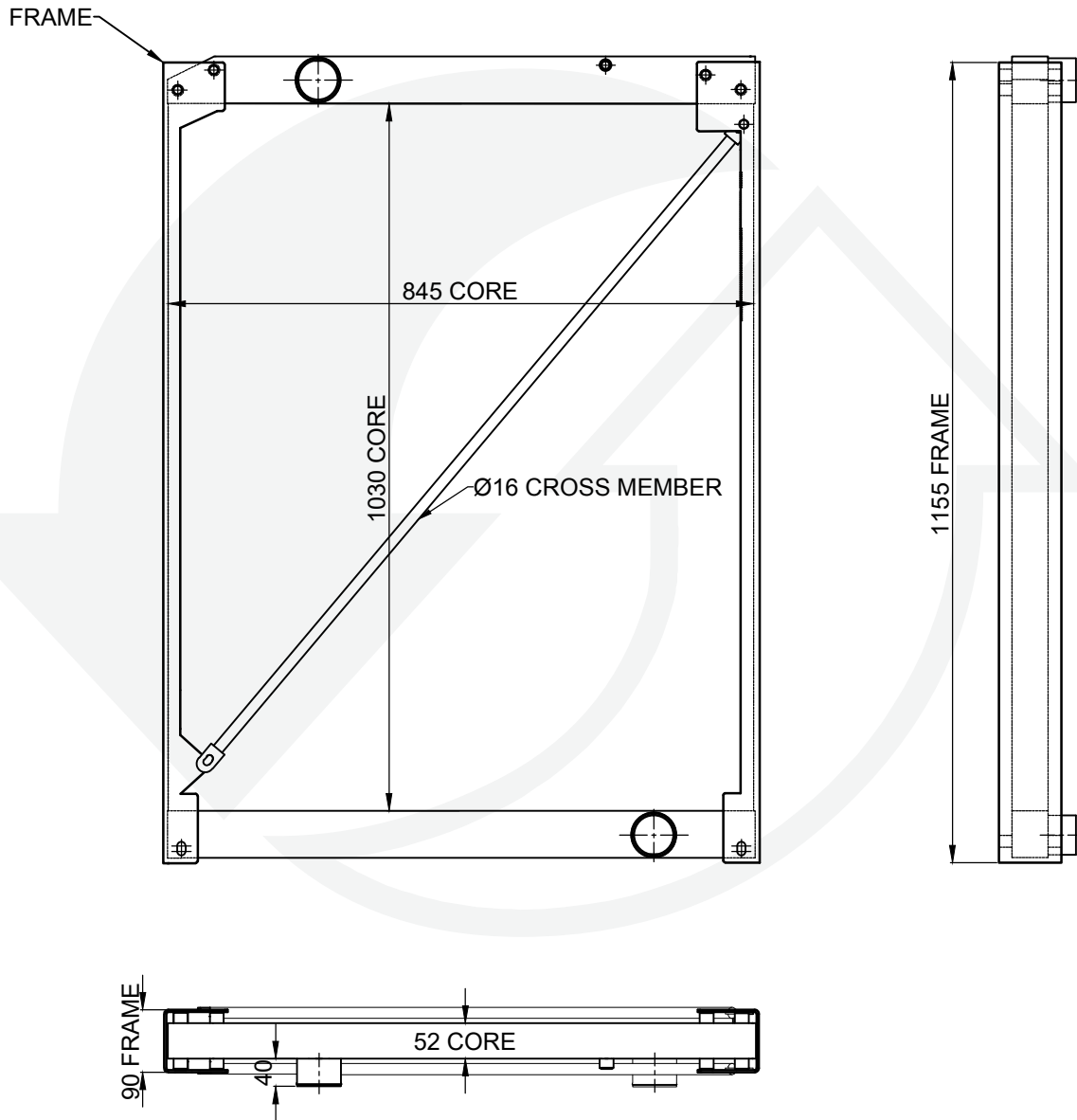
**CHE**

**HEAT TRANSFER PRODUCTS**

# TUBE & BAR RADIATORS

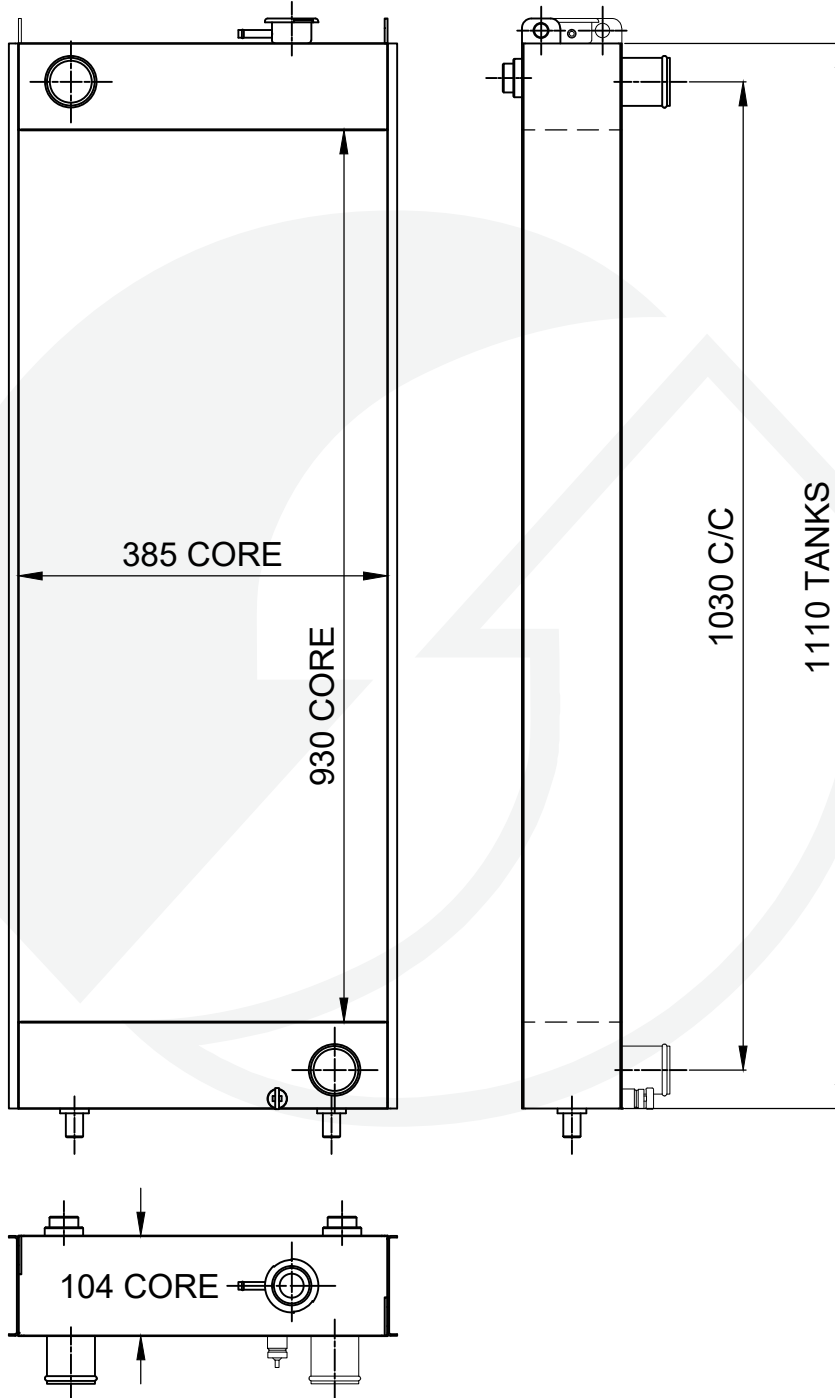


# BELL DUMPER



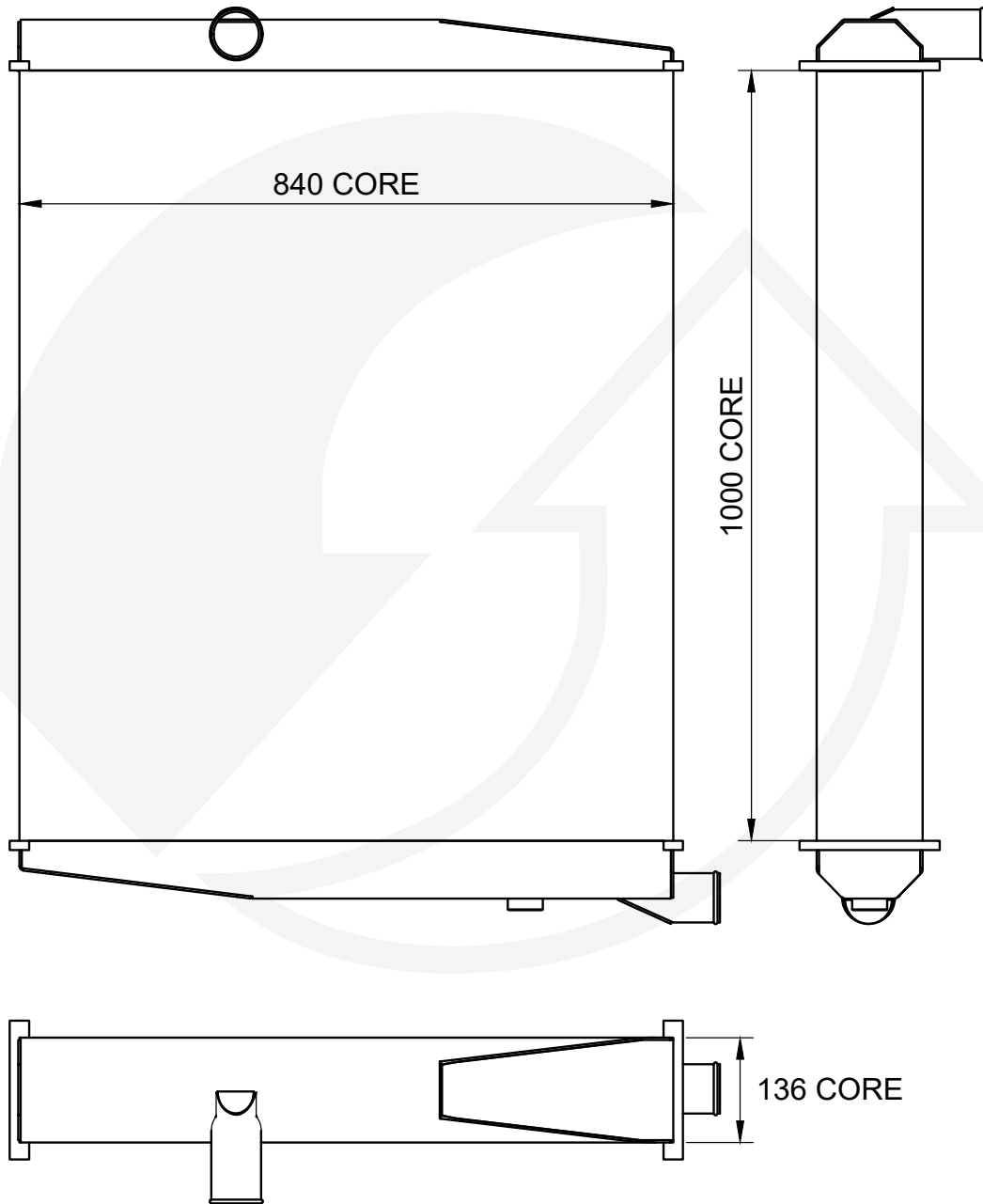
PART NUMBER: RAD1030BEL1COM

# CATERPILLAR 320L



PART NUMBER: RAD930CAT1COM

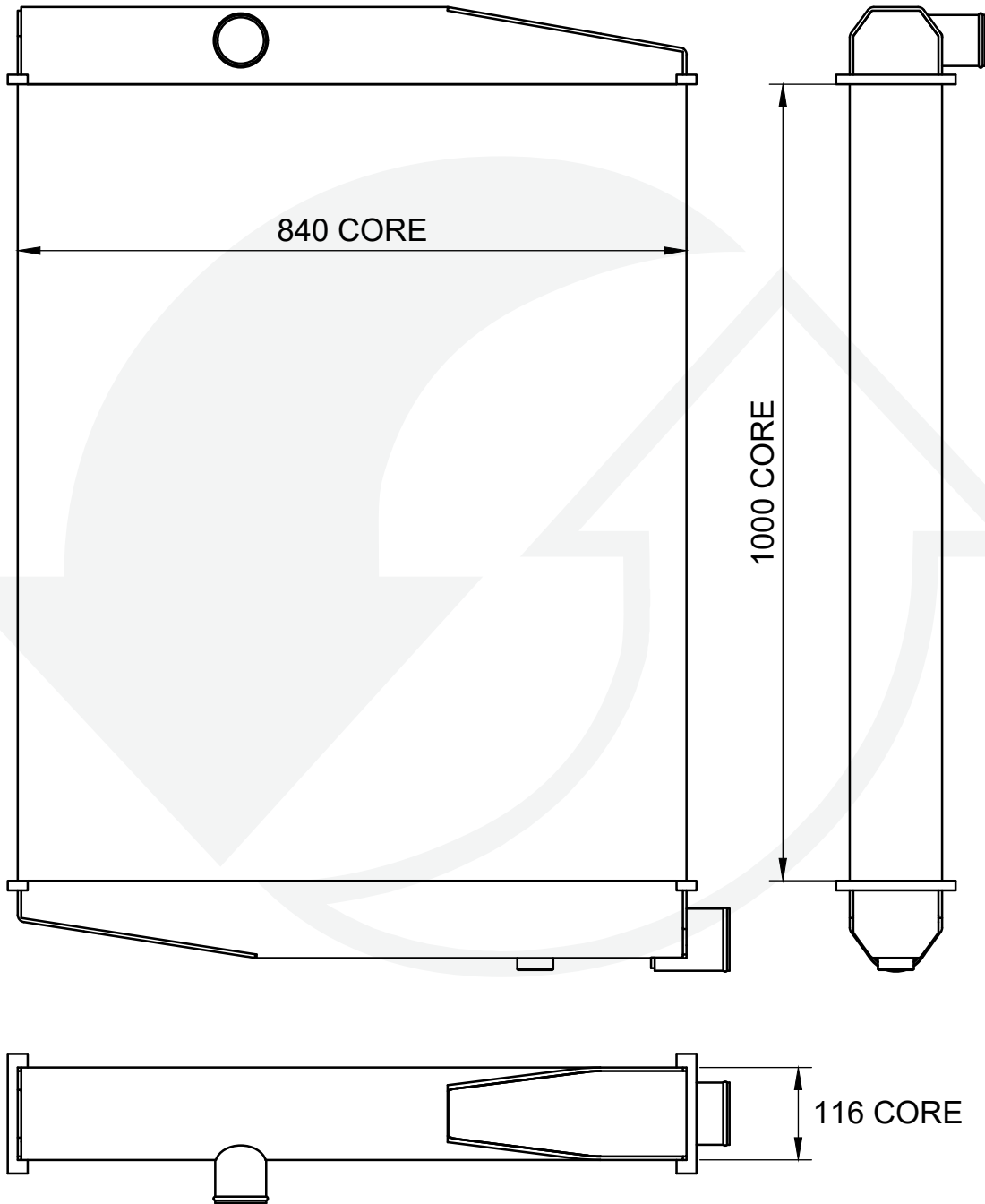
# CATERPILLAR 740-I



PART NUMBER: RAD1000CAT1COM

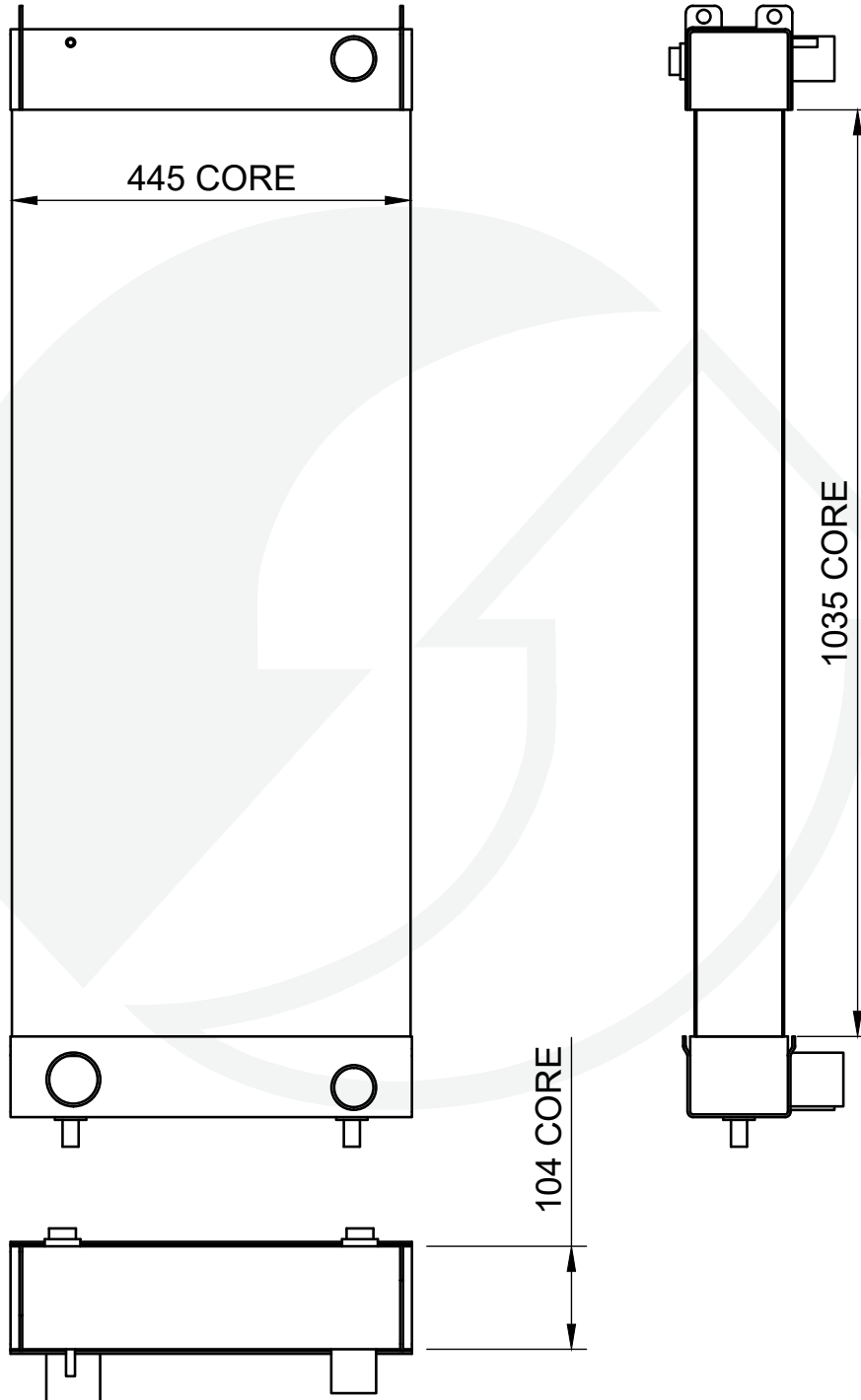


# CATERPILLAR 740-2



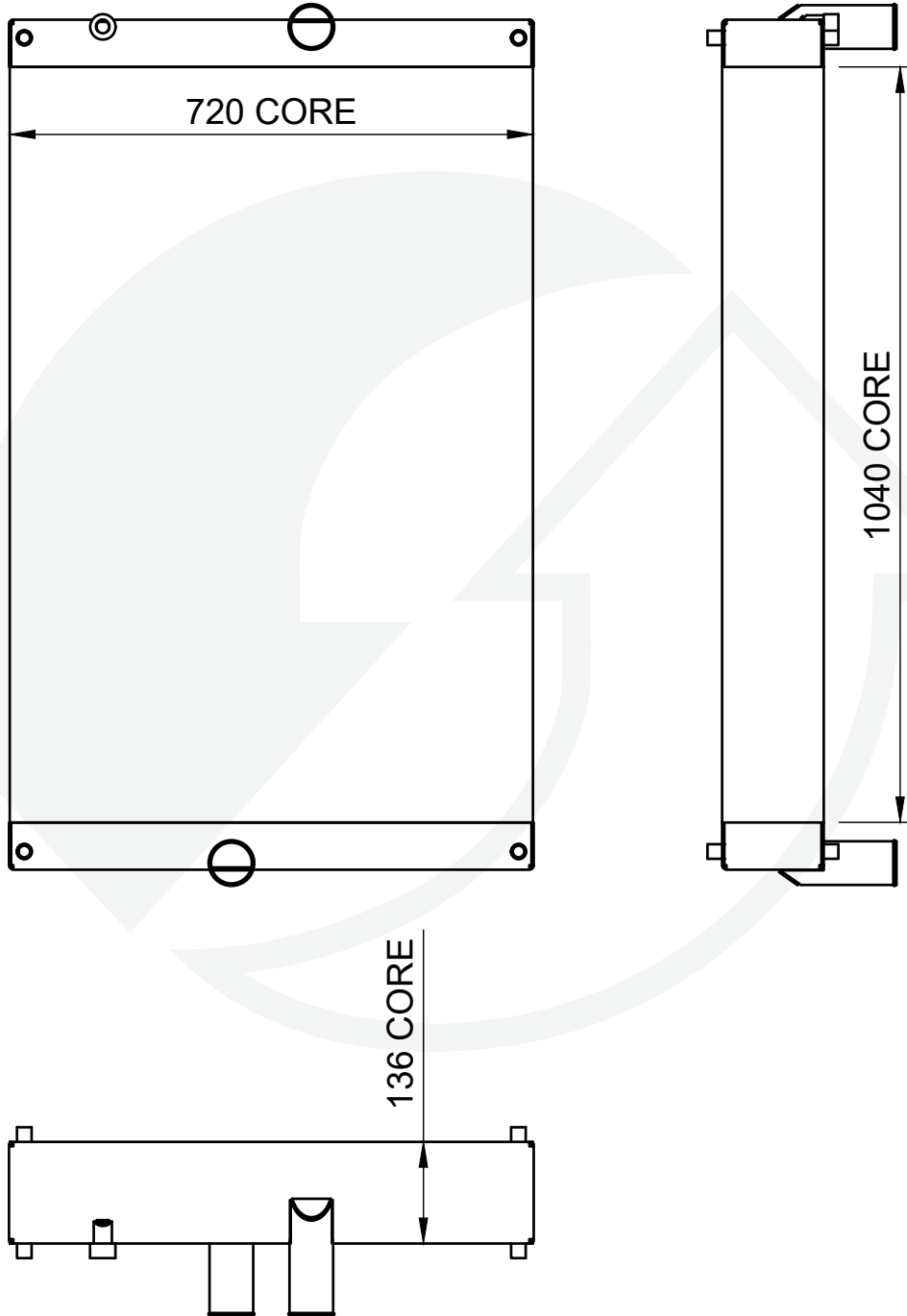
PART NUMBER: RAD1000CAT2COM

# CATERPILLAR 1040



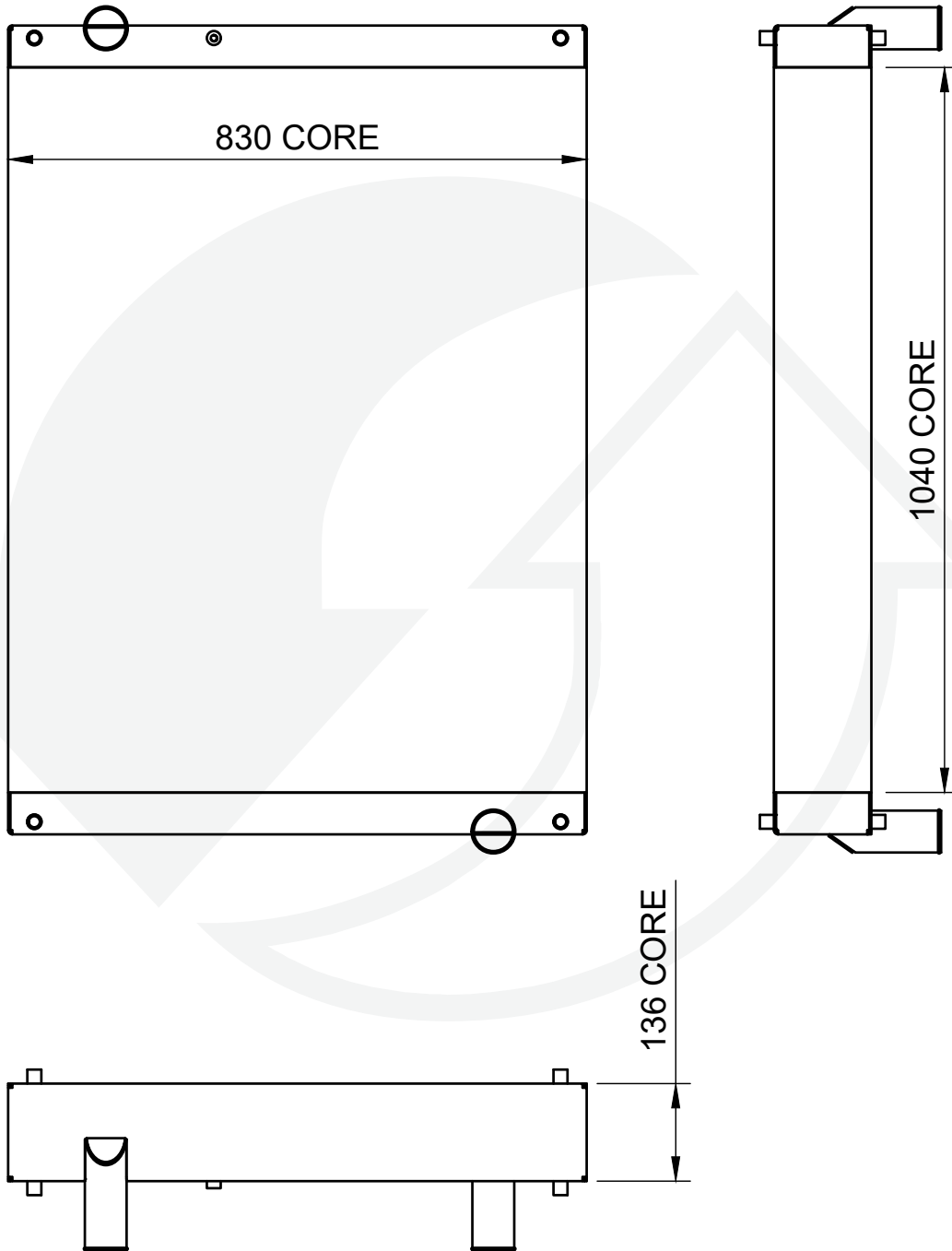
PART NUMBER: RAD1035CAT1COM

# CATERPILLAR 966L



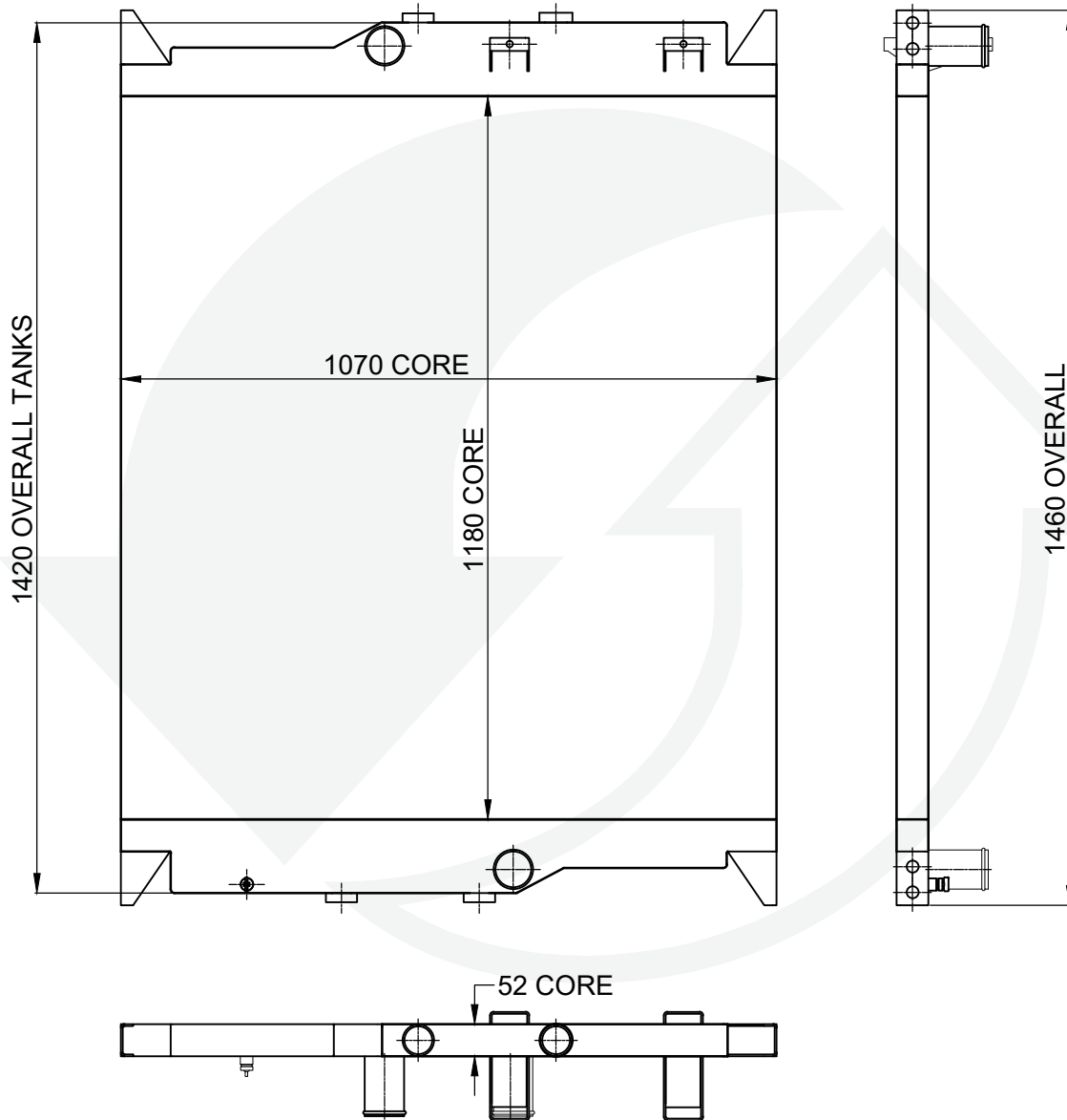
PART NUMBER: RAD1040CAT1COM

# CATERPILLAR 980-8



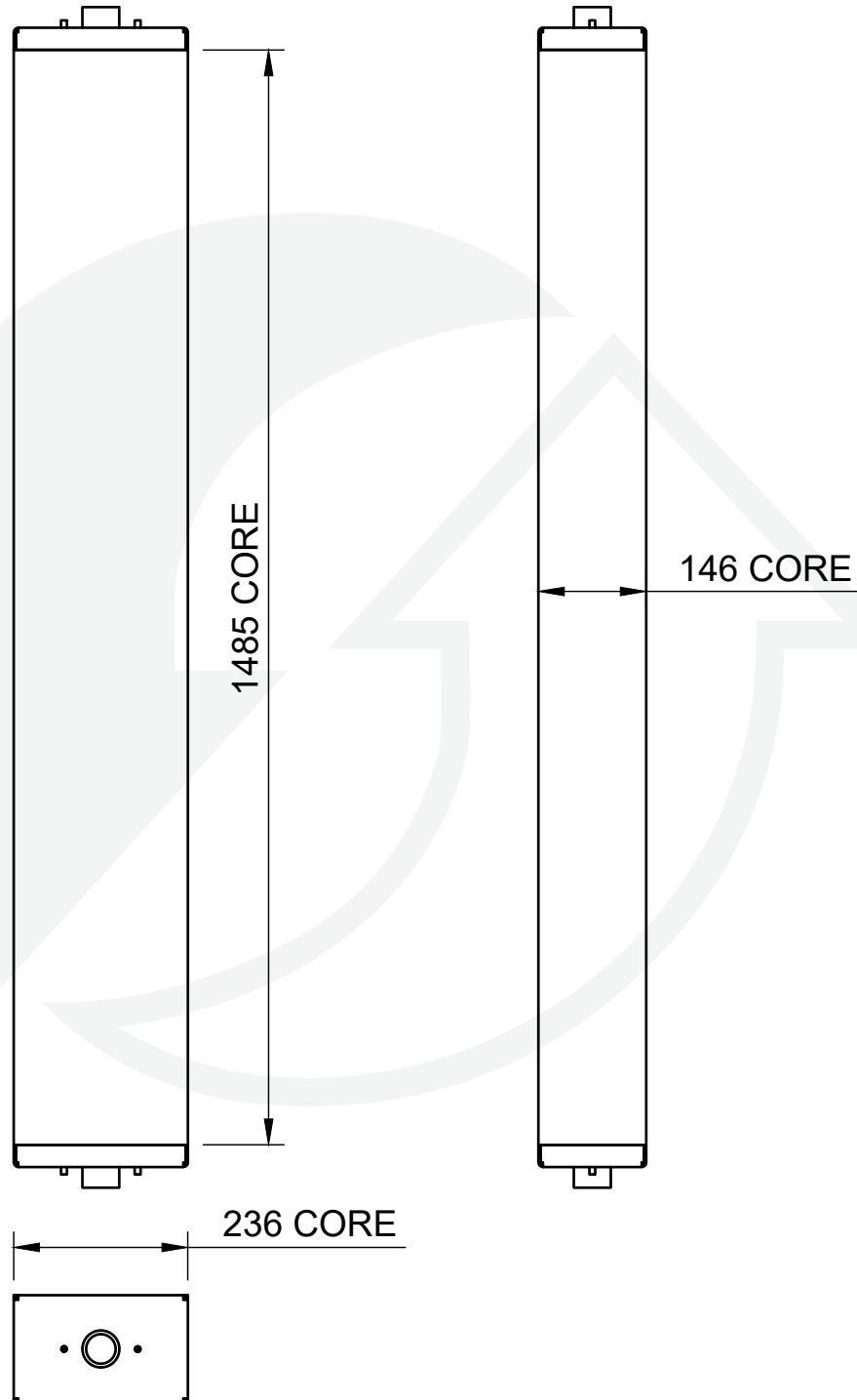
PART NUMBER: RAD1040CAT2COM

# CATERPILLAR 400 KVA



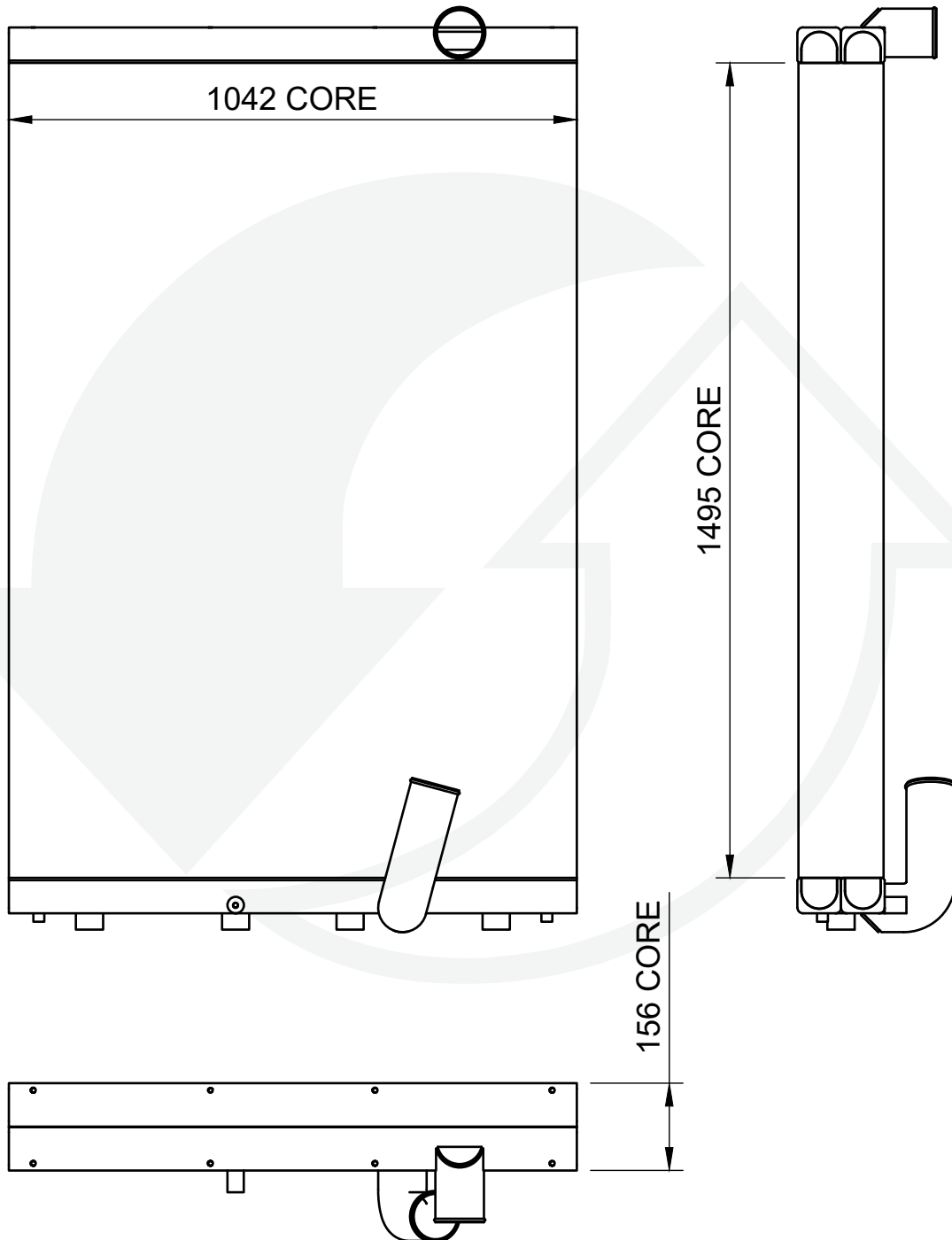
PART NUMBER: RAD1180CAT1COM

# CATERPILLAR 773 S



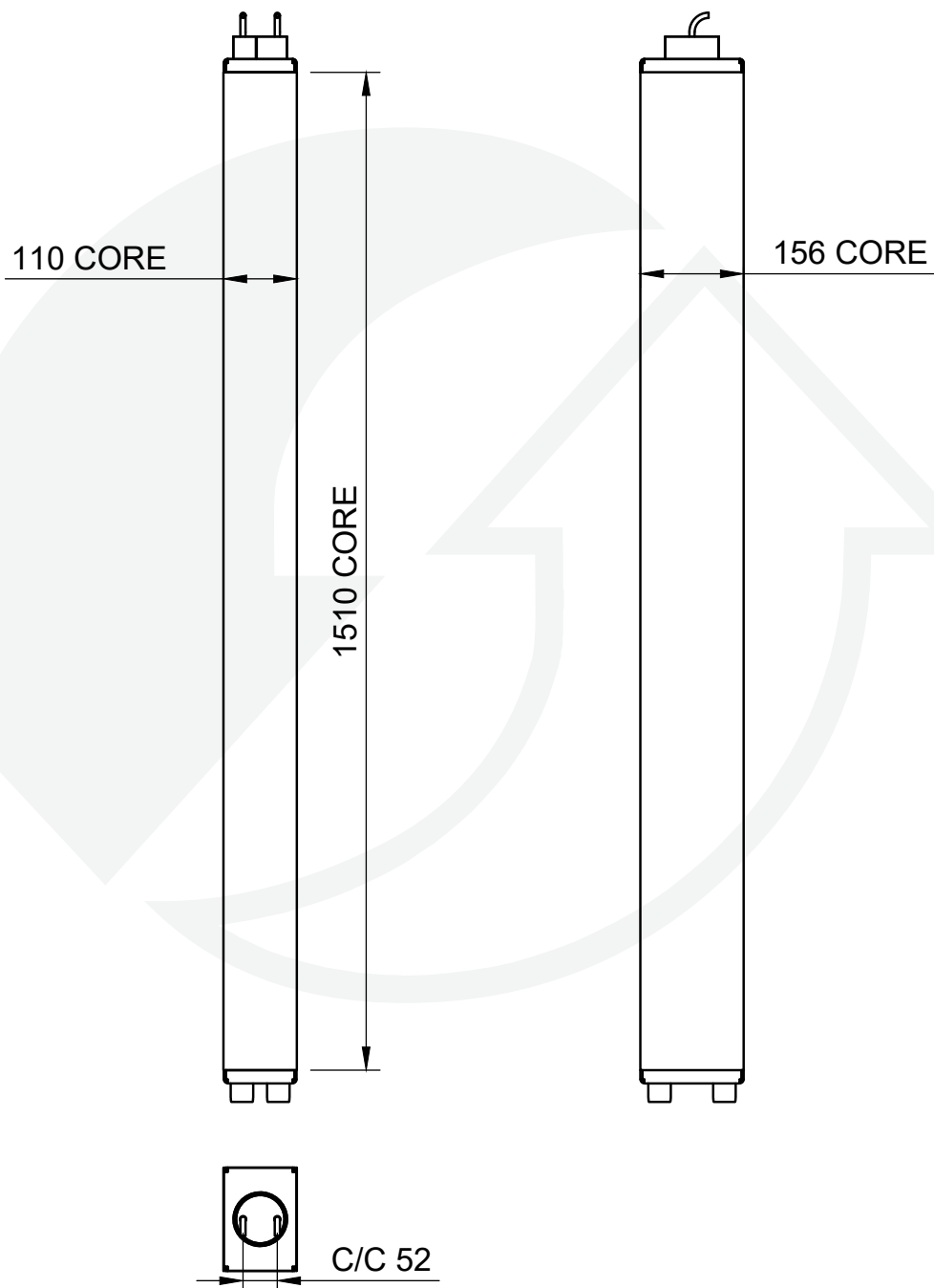
PART NUMBER: RAD1485CAT1COM

# CATERPILLAR D II L



PART NUMBER: RAD1495CAT1COM

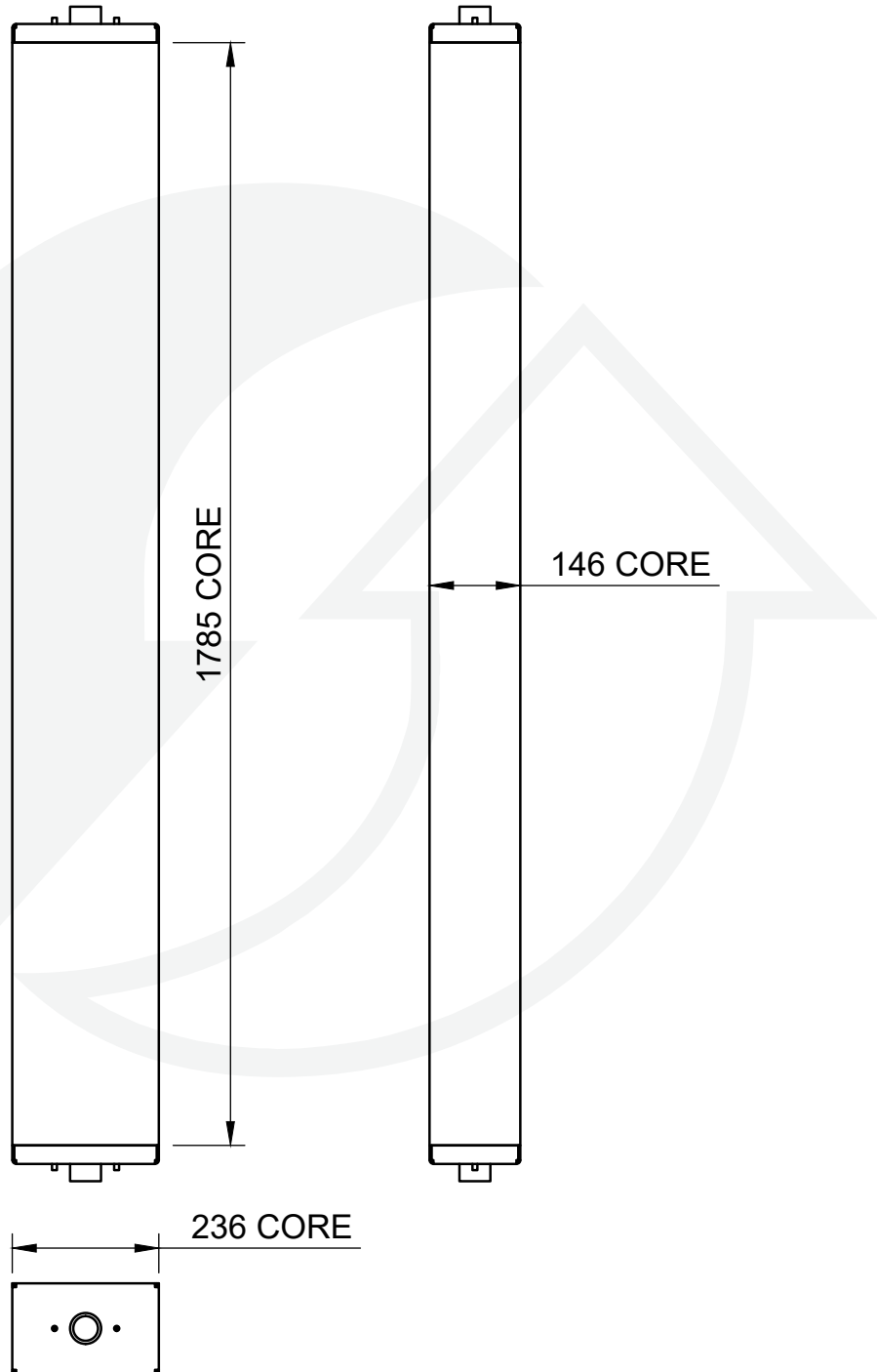
# CATERPILLAR 988-8 MODULE



PART NUMBER: RAD1510CAT1COM

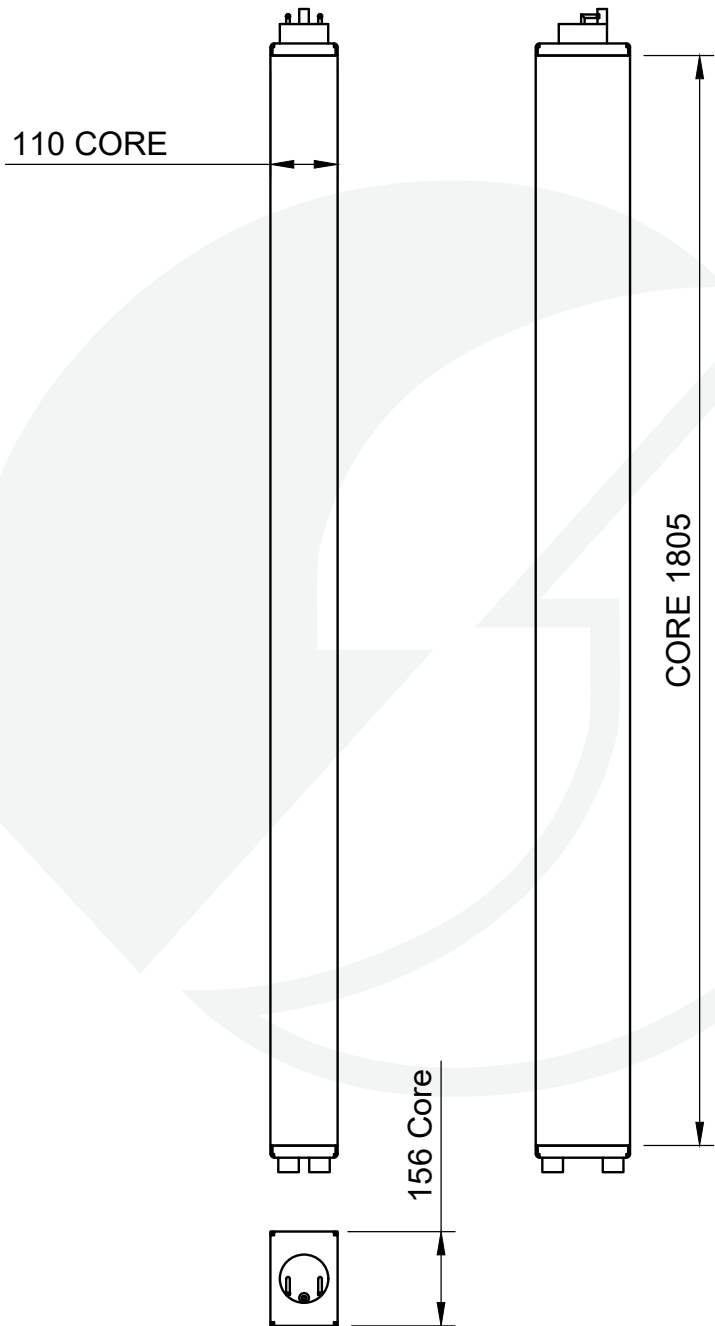


# CATERPILLAR 777 MODULE



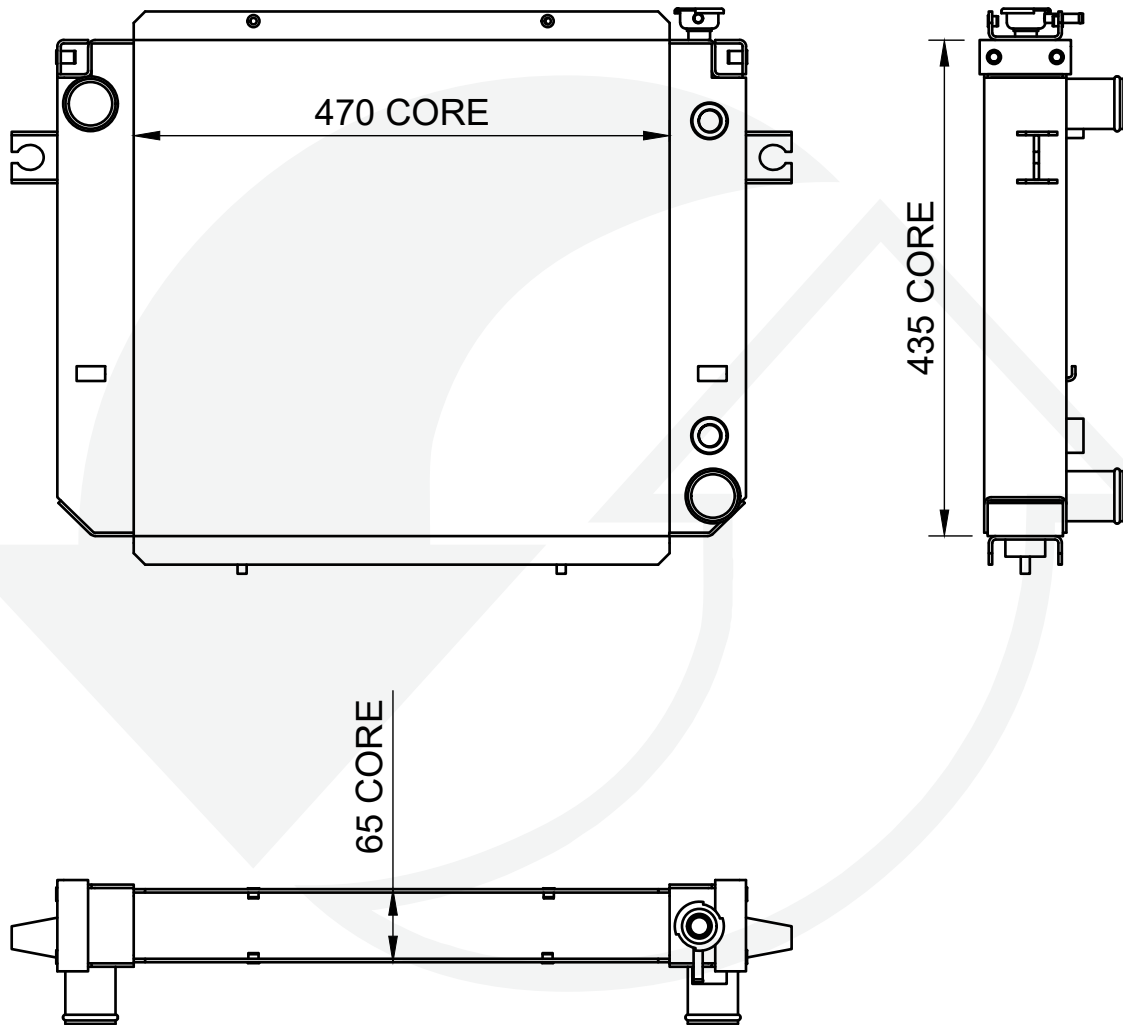
PART NUMBER: RAD1785CAT1COM

# CATERPILLAR 992 MODULE



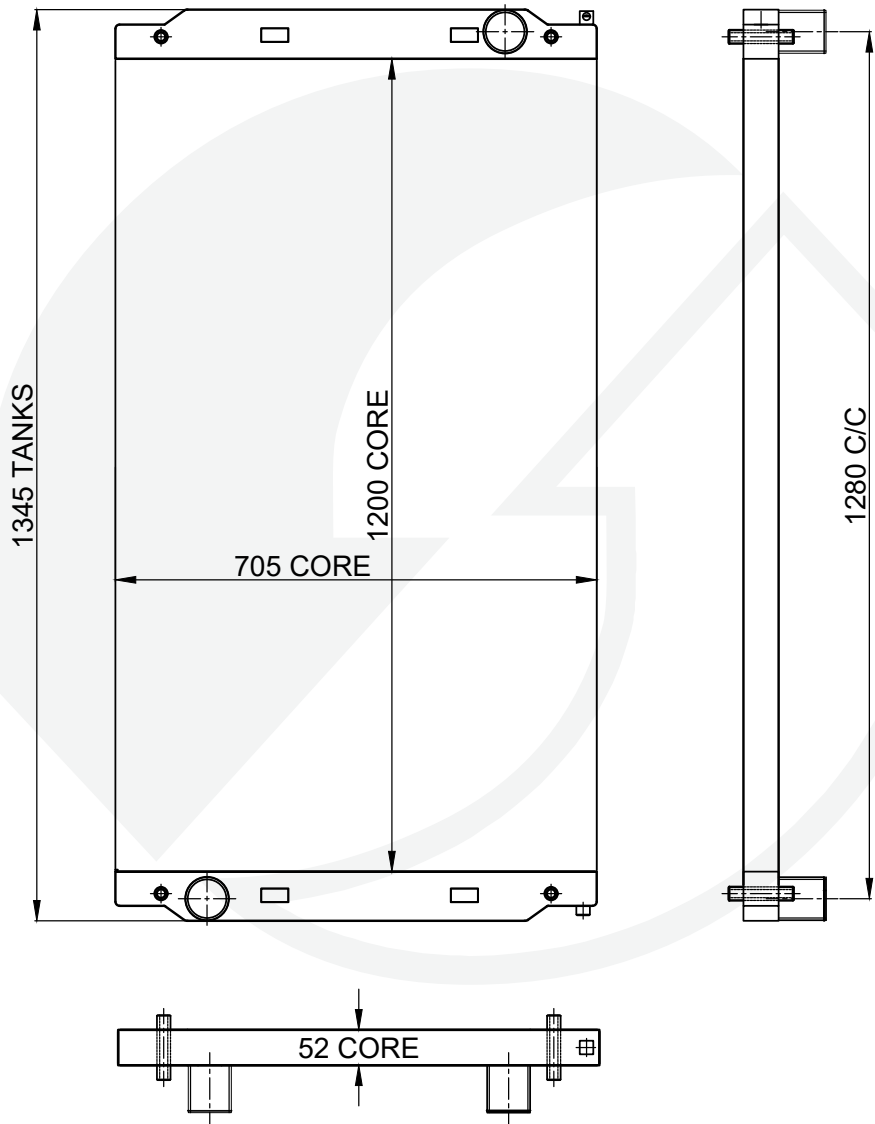
PART NUMBER: RAD1805CAT1COM

# CLARK FORKLIFT



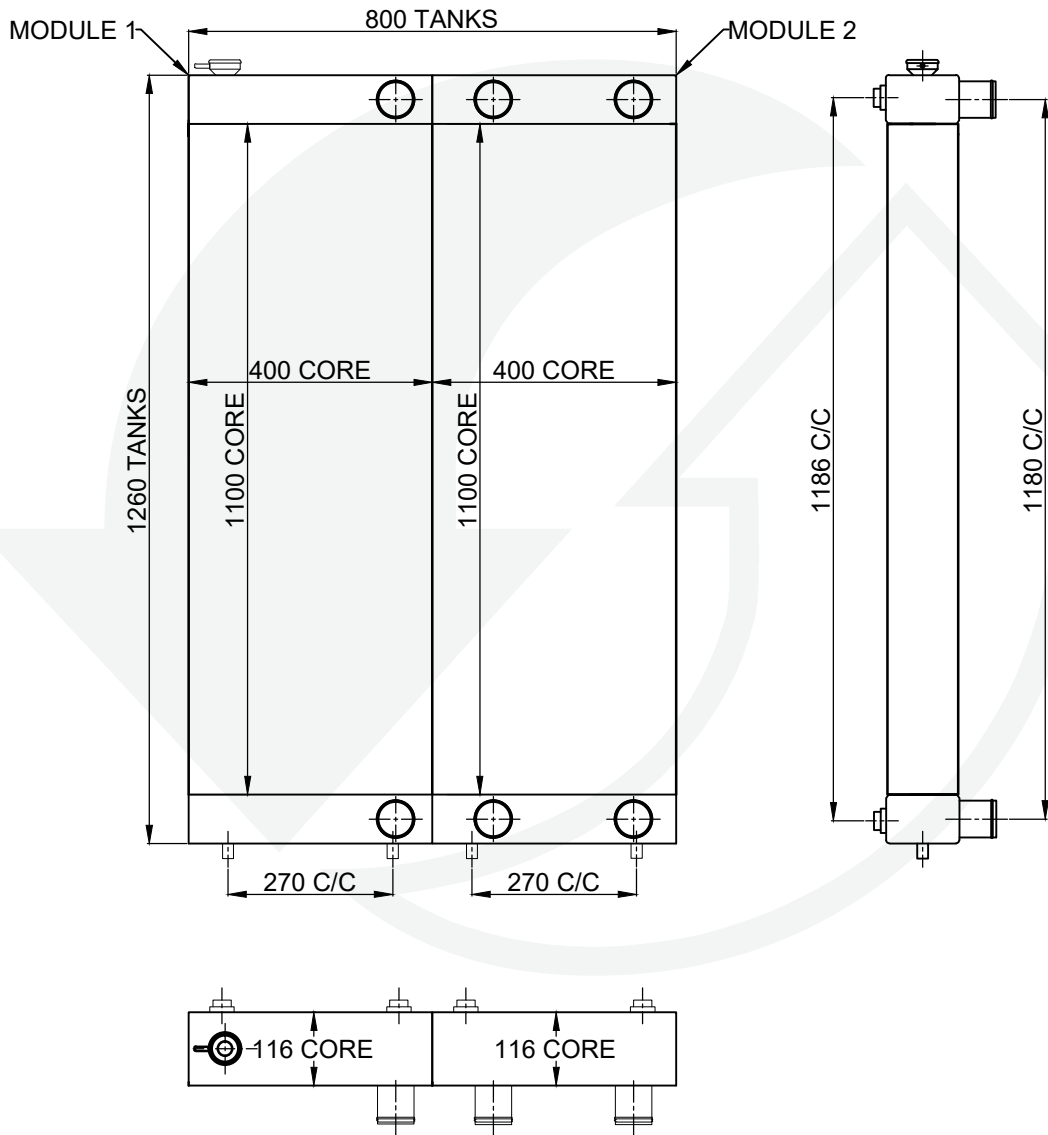
PART NUMBER: RAD470CLA1COM

# FREIGHTLINER ARGOSY



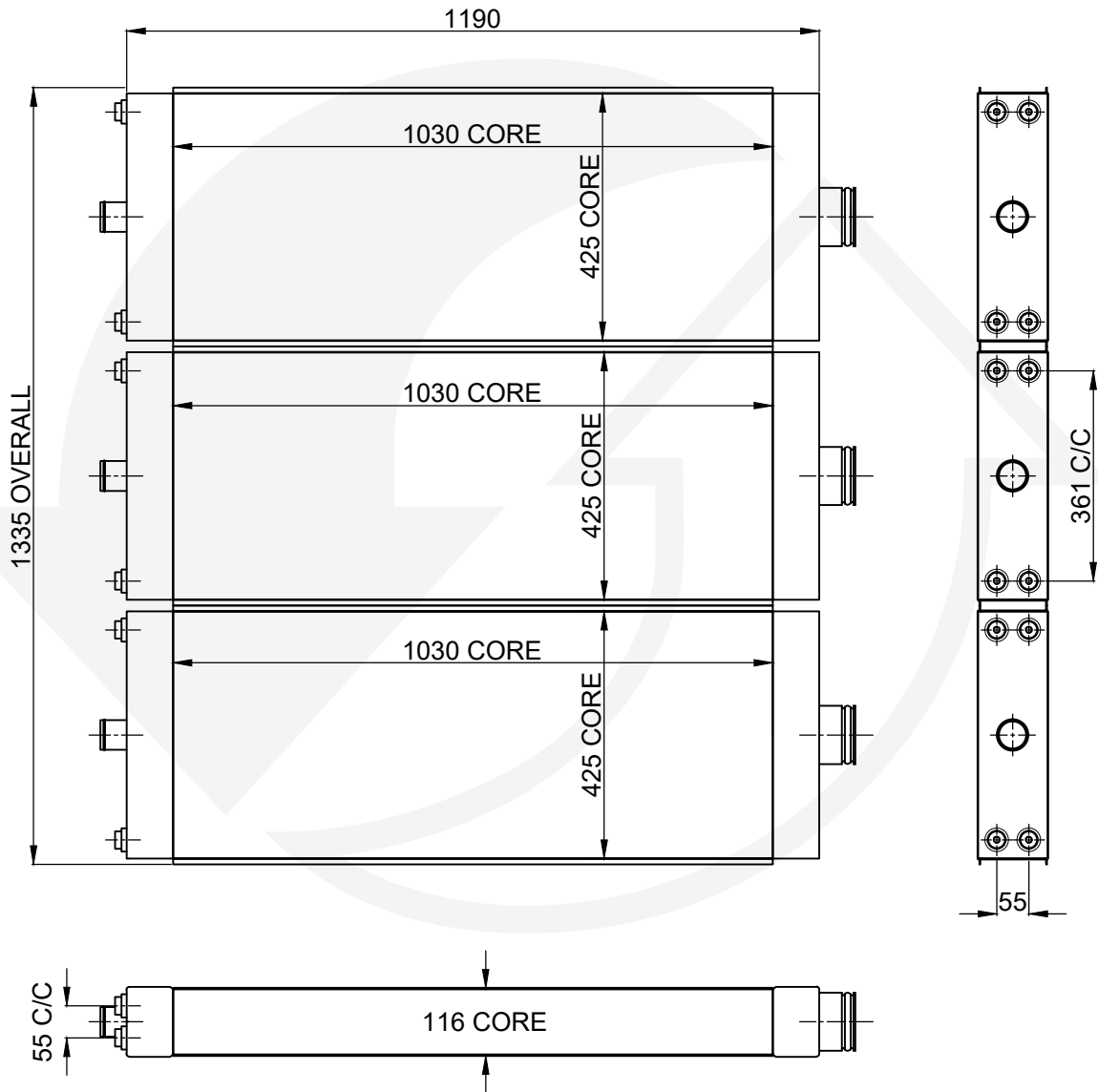
PART NUMBER: RAD1200FR1COM

# HITACHI ZX680



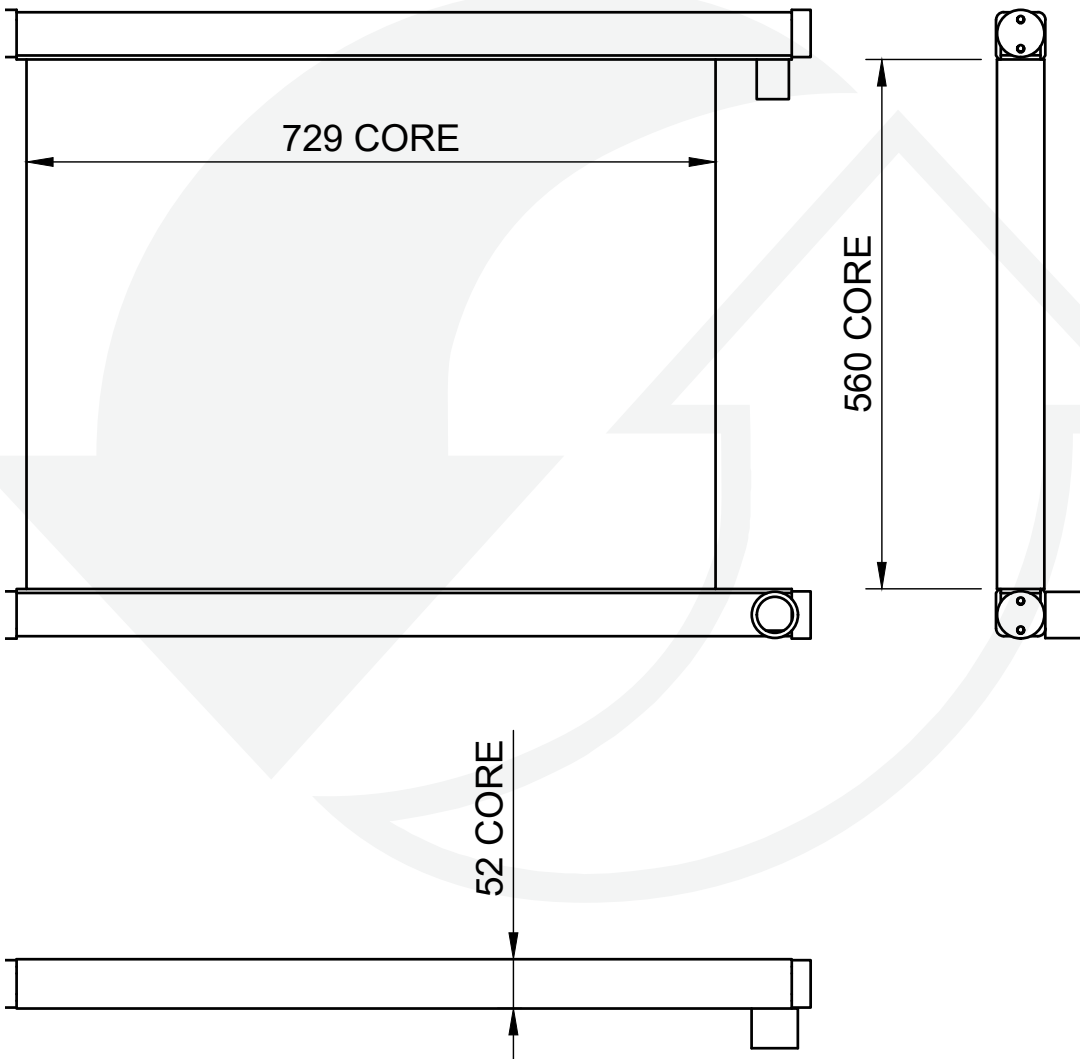
PART NUMBER: RAD1100HIT1COM

# HITACHI ZX870



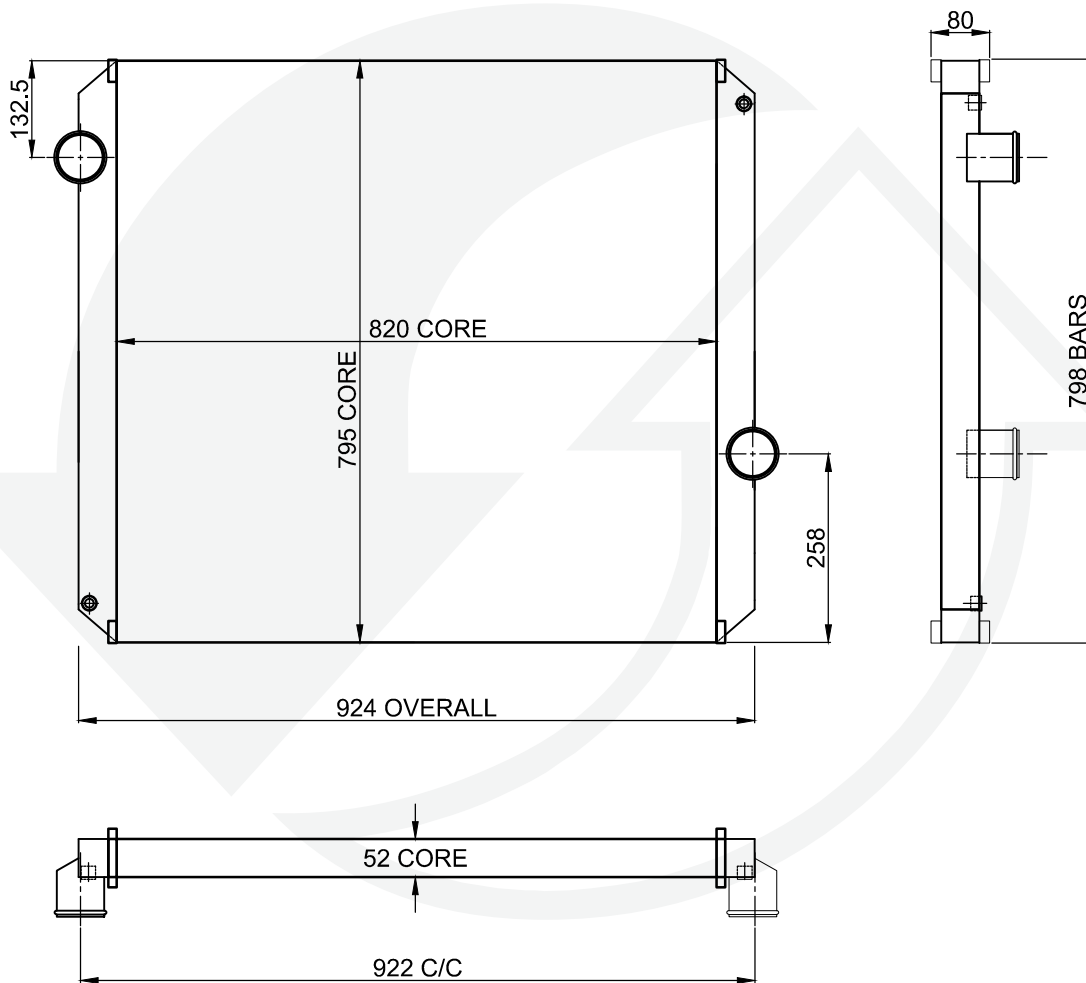
PART NUMBER: RAD1030HIT1COM

# HITACHI ZX130



PART NUMBER: RAD770HIT1COM

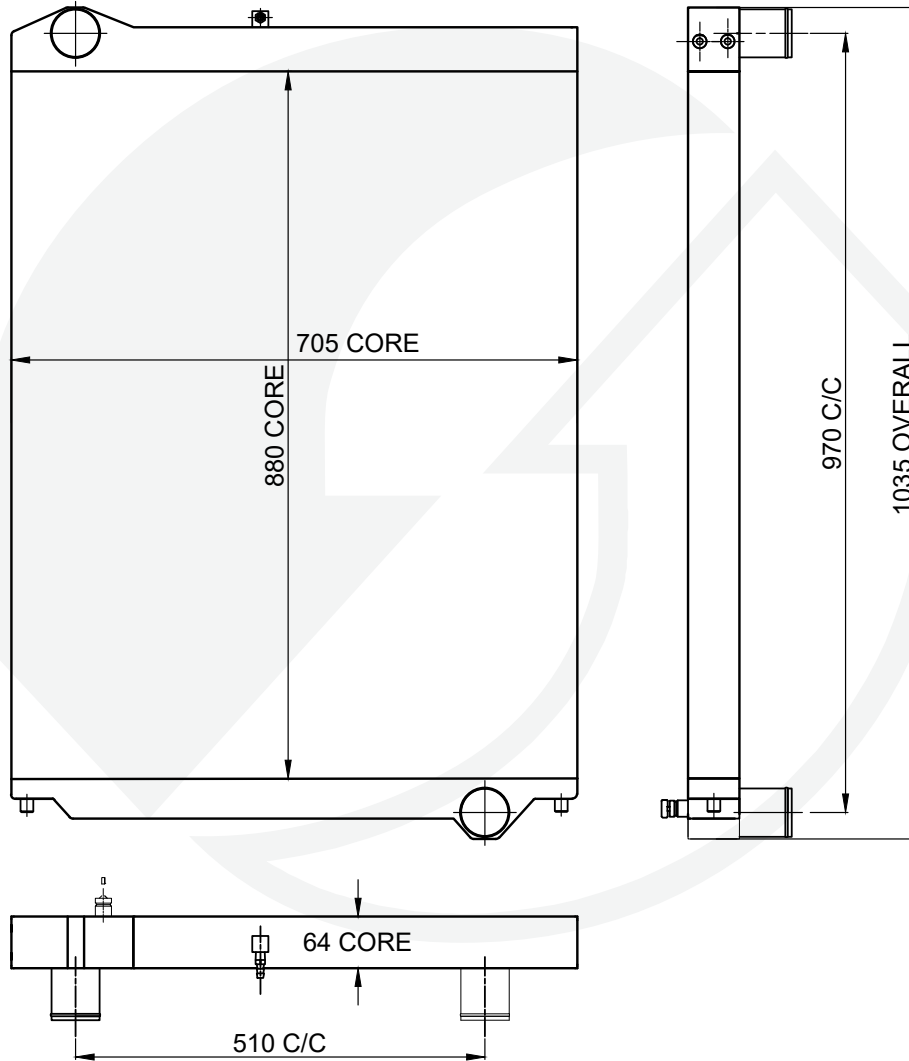
# INTERNATIONAL EAGLE 9800I



PART NUMBER: RAD820INT1COM

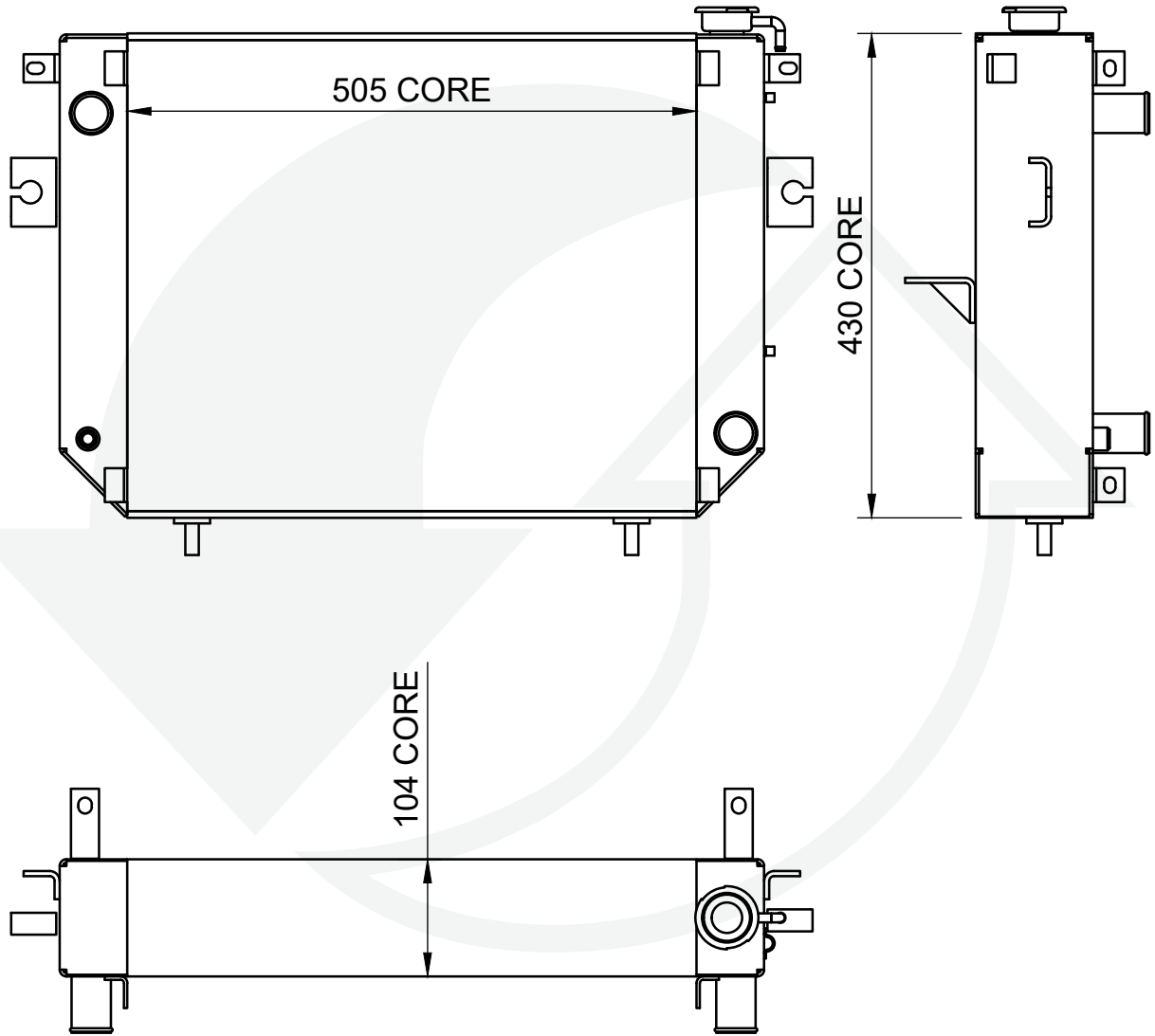


# ISUZU FXZ



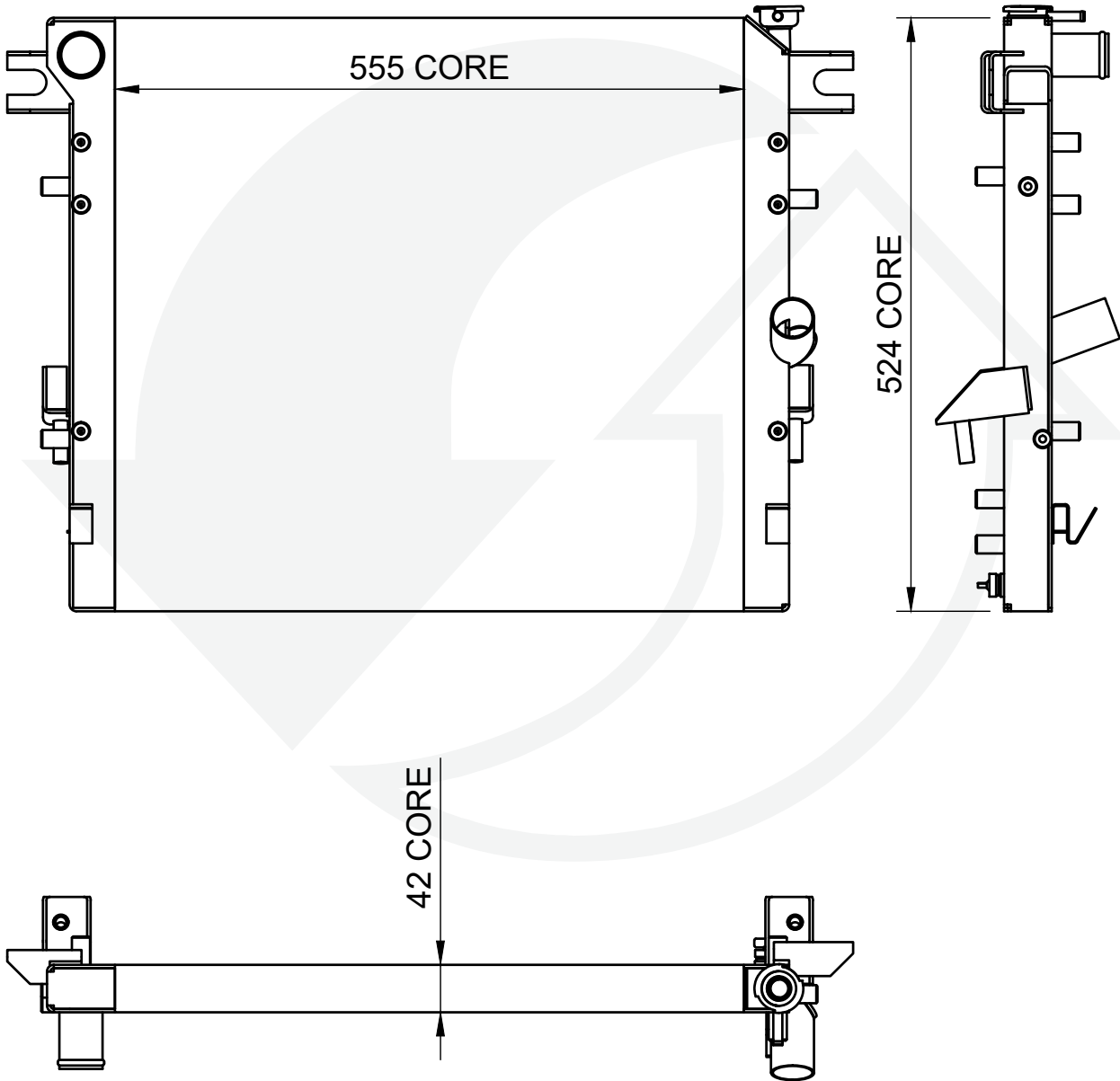
PART NUMBER: RAD880ISU1COM

# JCB



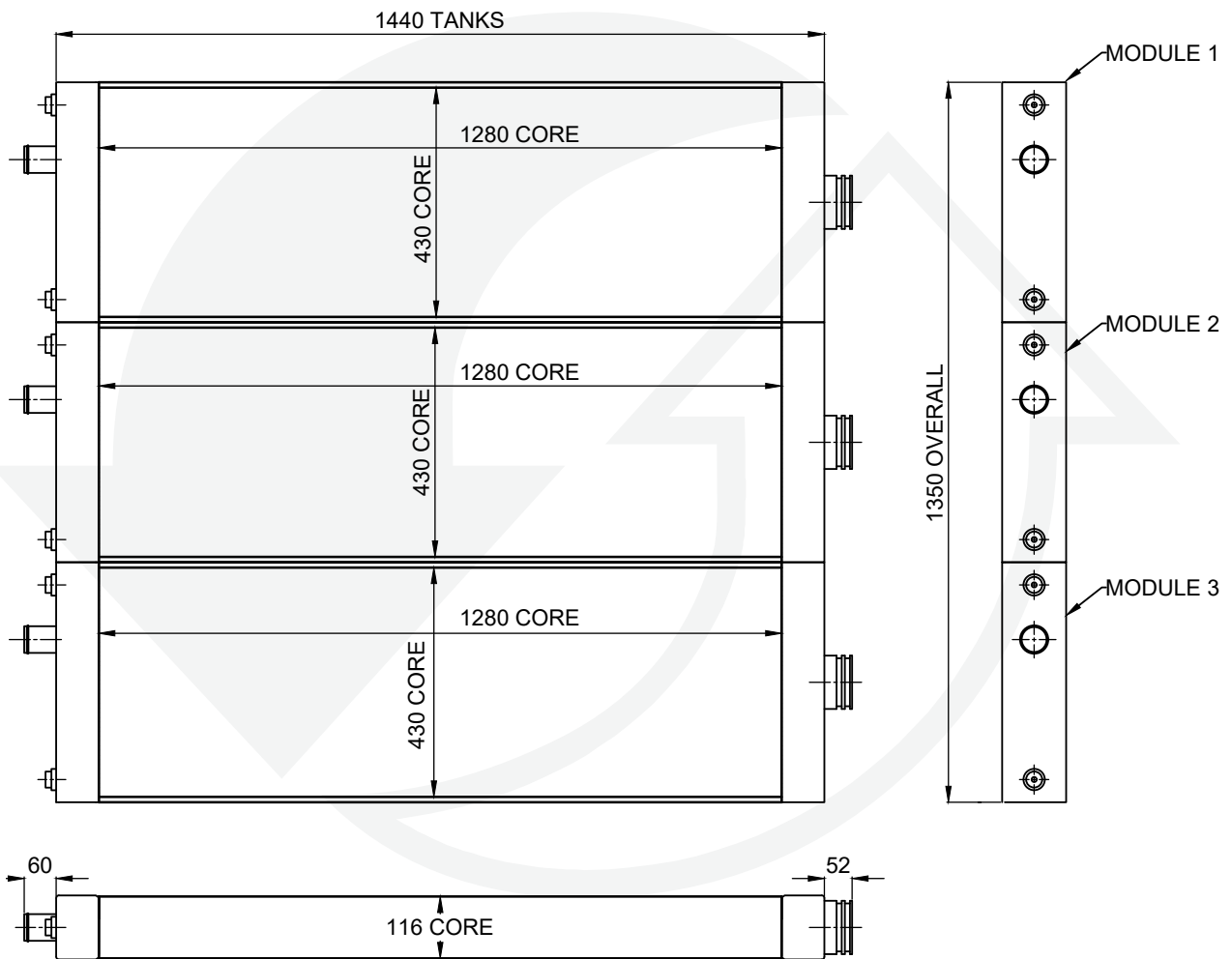
PART NUMBER: RAD505JCB1COM

# JEEP WRANGLER



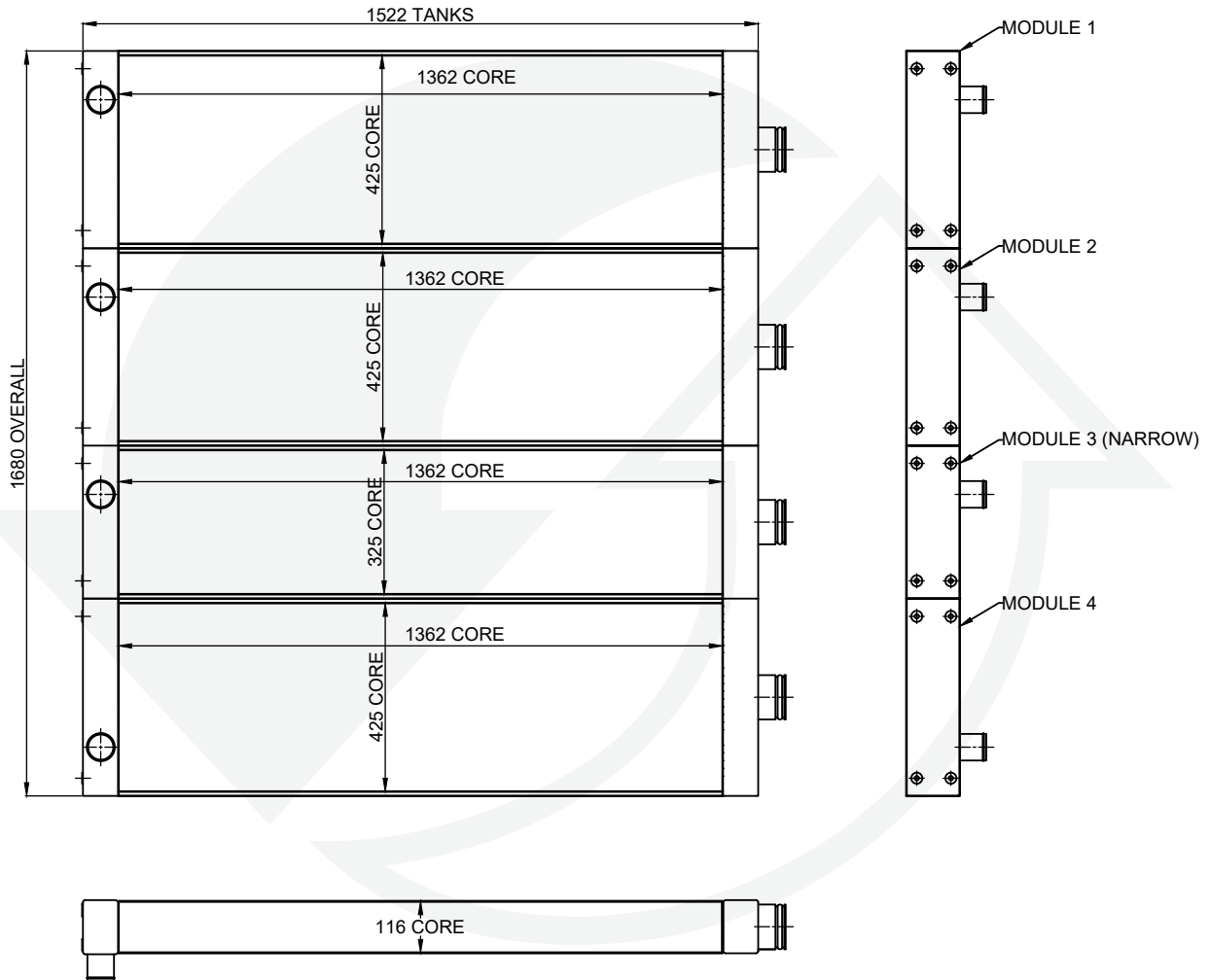
PART NUMBER: RAD525JEE1COM

# KOMATSU D375



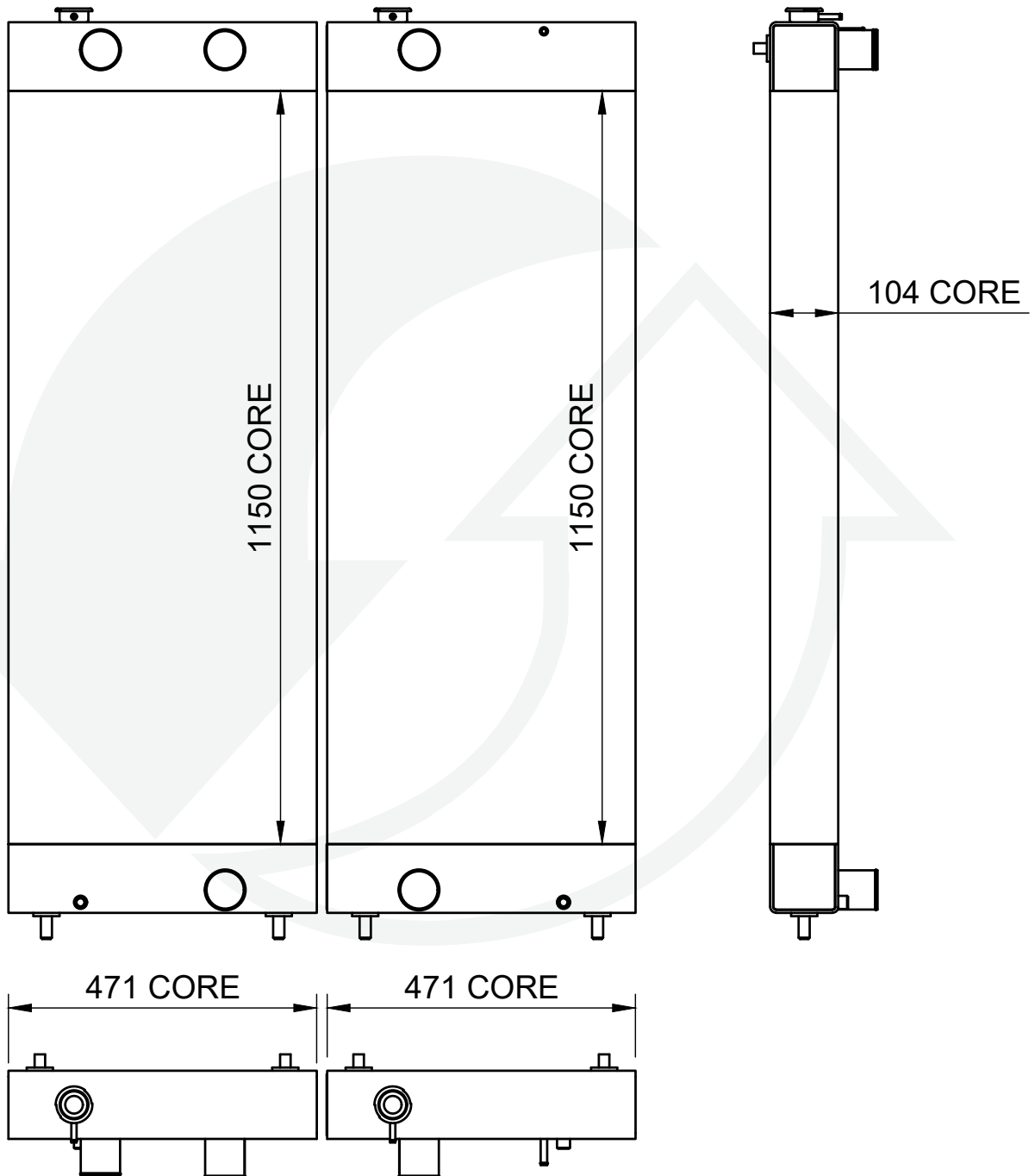
PART NUMBER: RAD1280KOM1COM

# KOMATSU D785



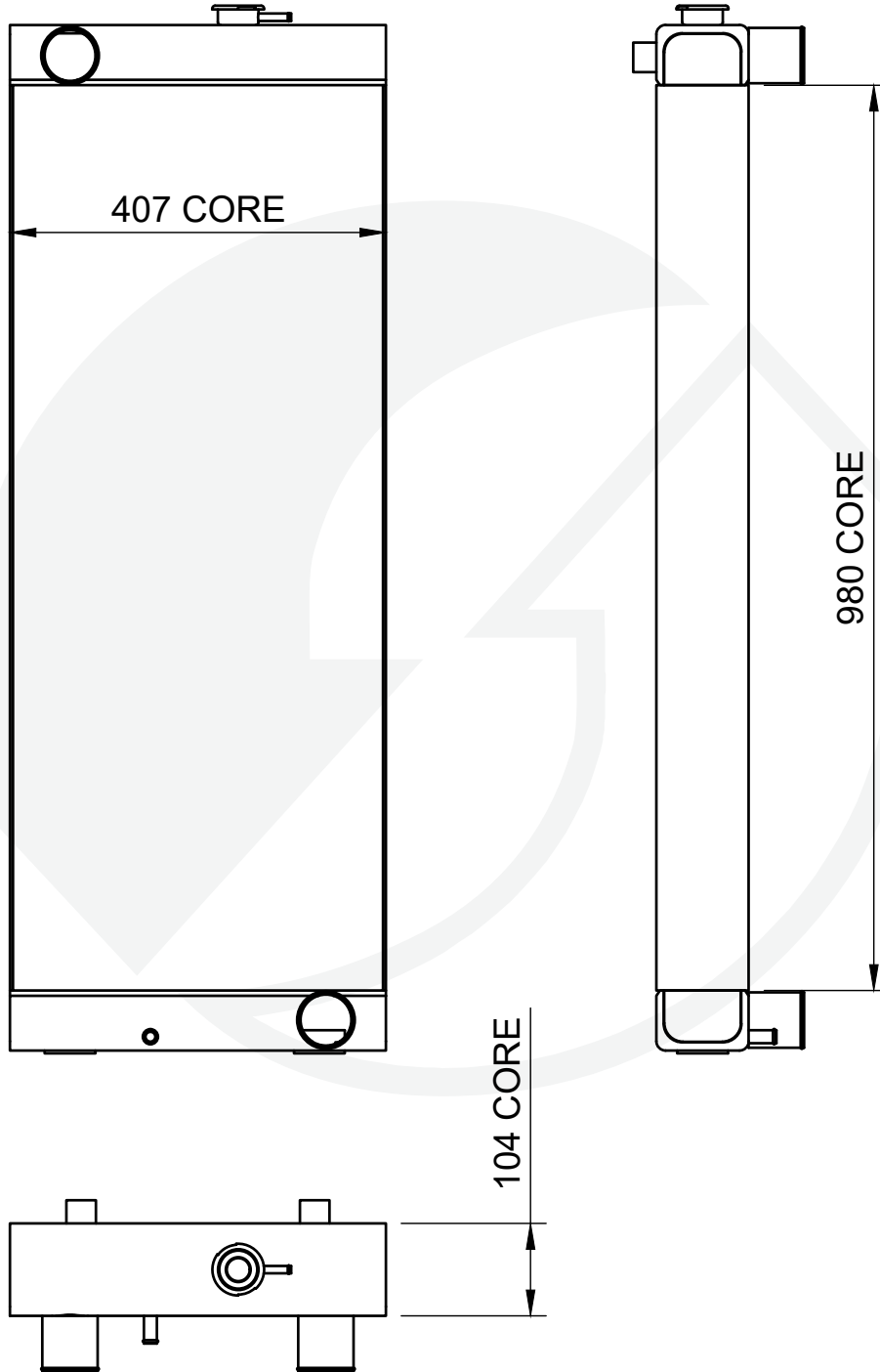
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# KOMATSU PC600



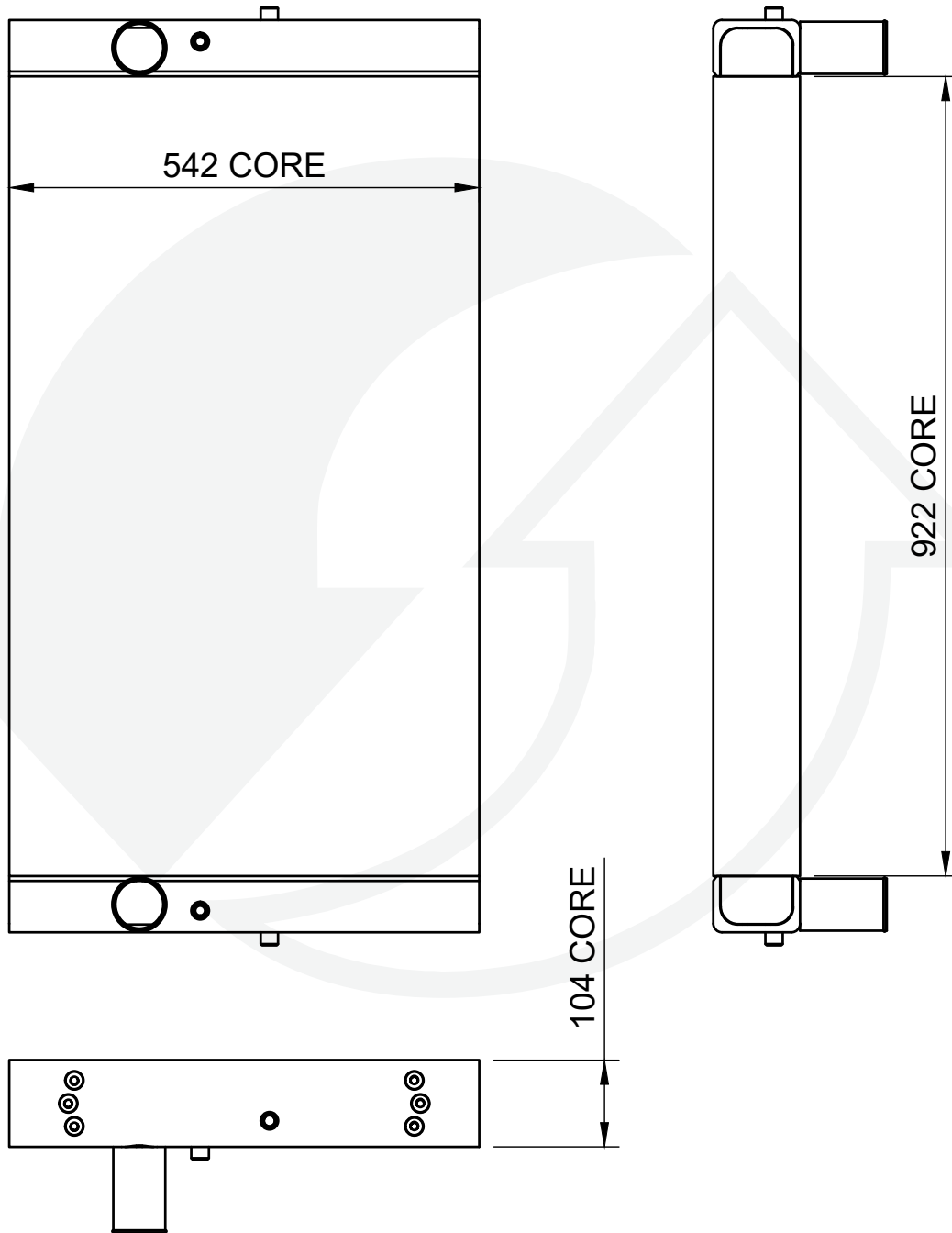
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# KOMATSU GD675



PART NUMBER: RAD980KOM1COM

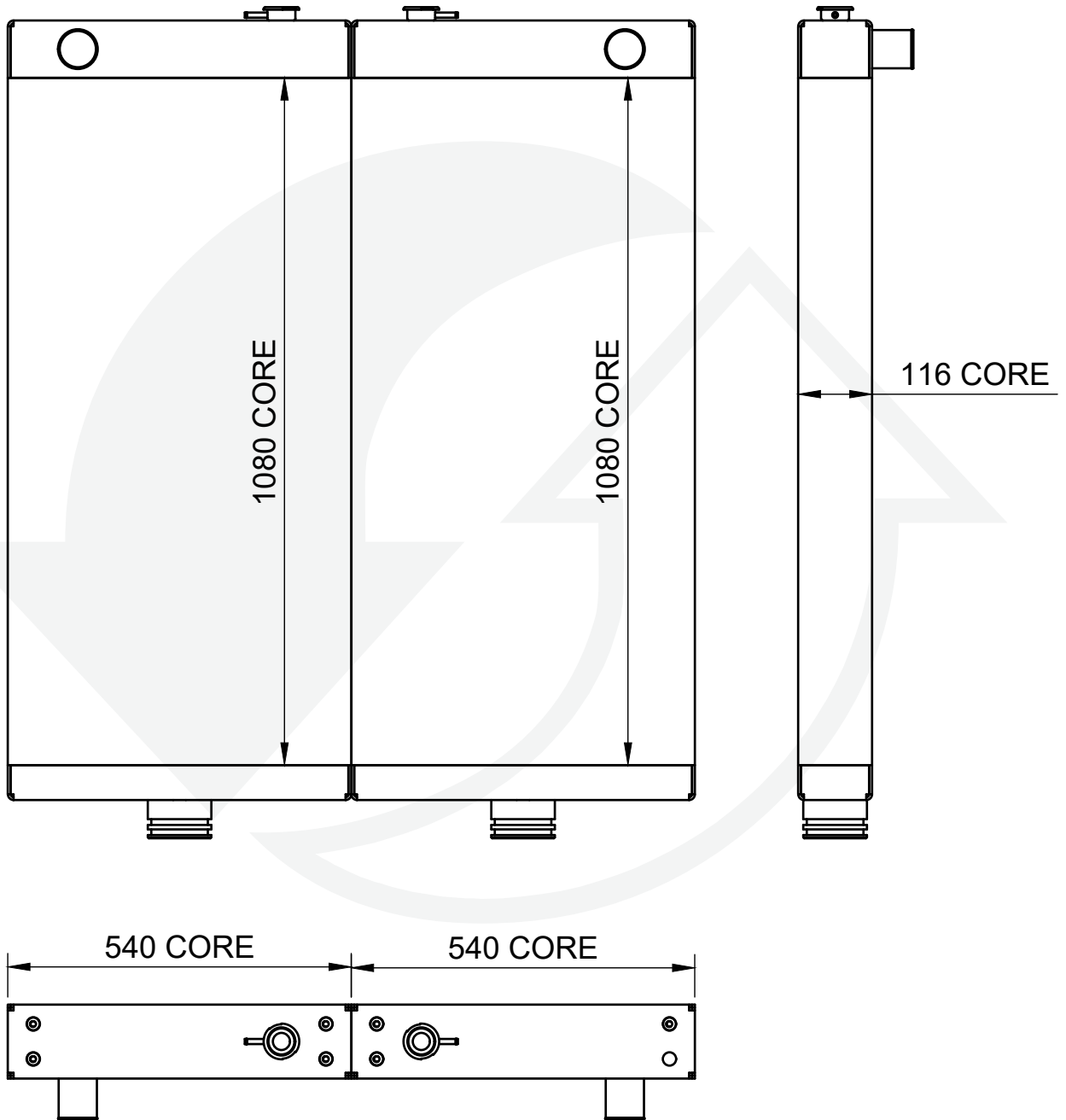
# KOMATSU HM400-312



PART NUMBER: RAD922KOM1COM

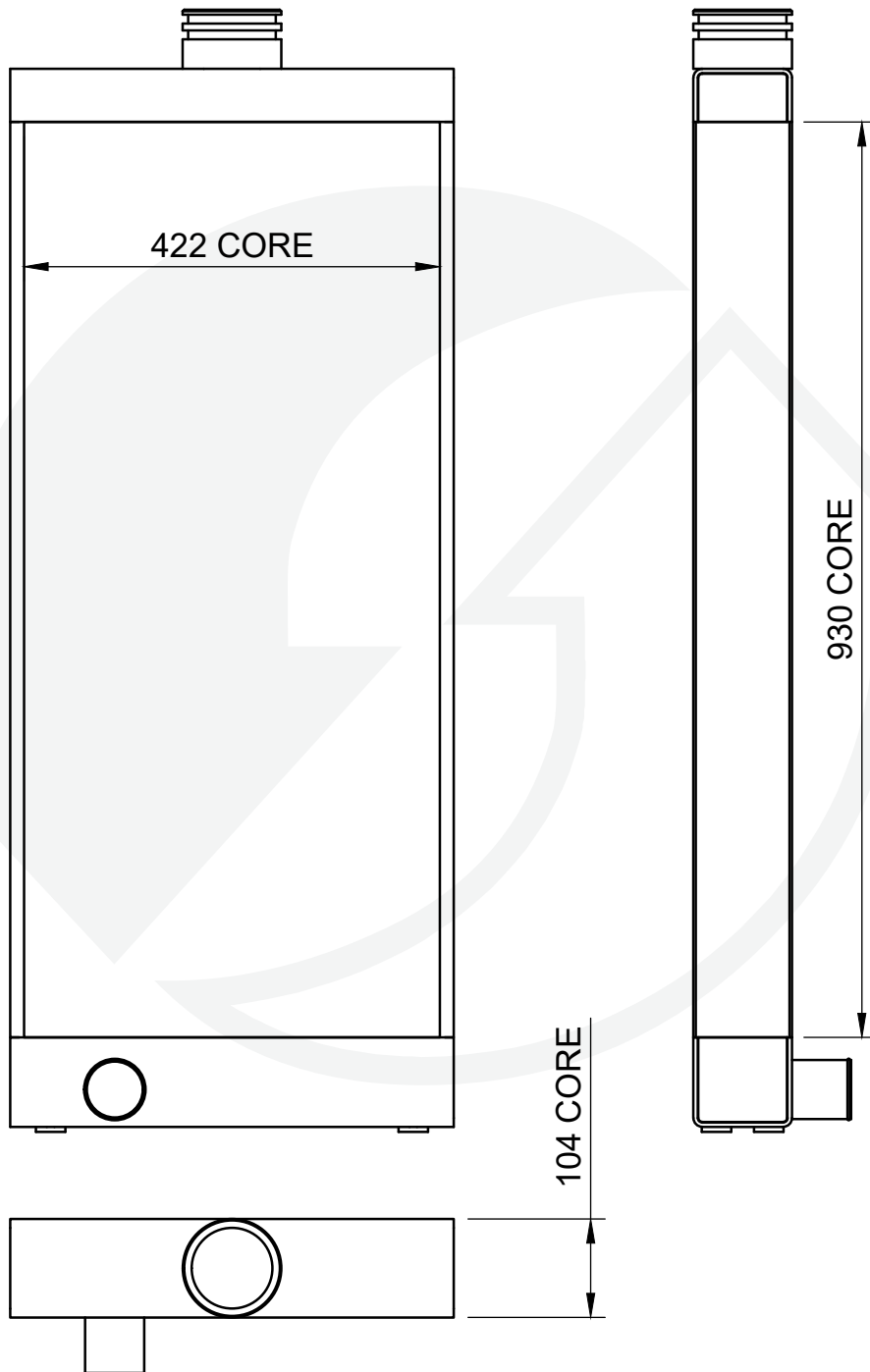


# KOMATSU WA500/6



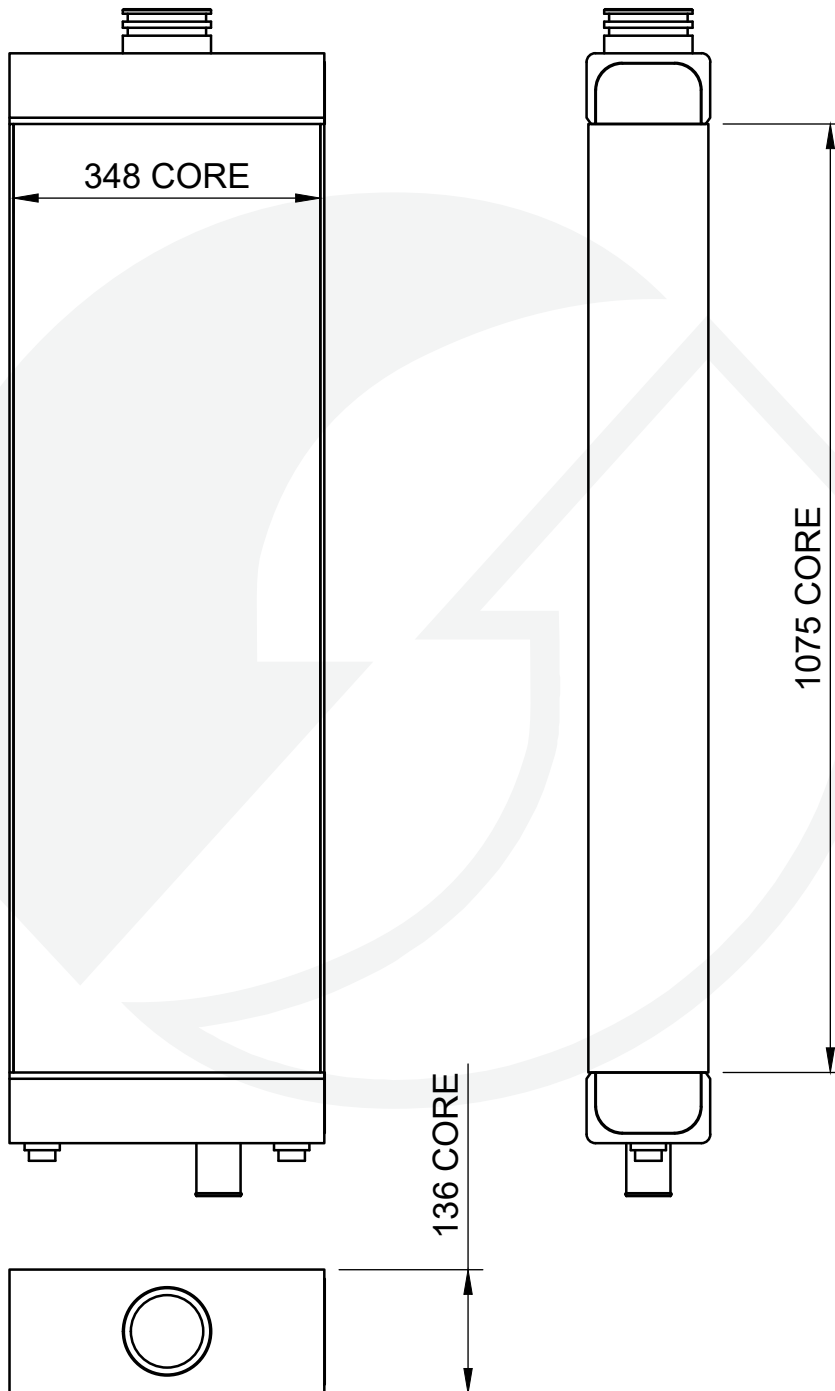
PART NUMBER: RAD1080KOM1COM

# KOMATSU HD 325



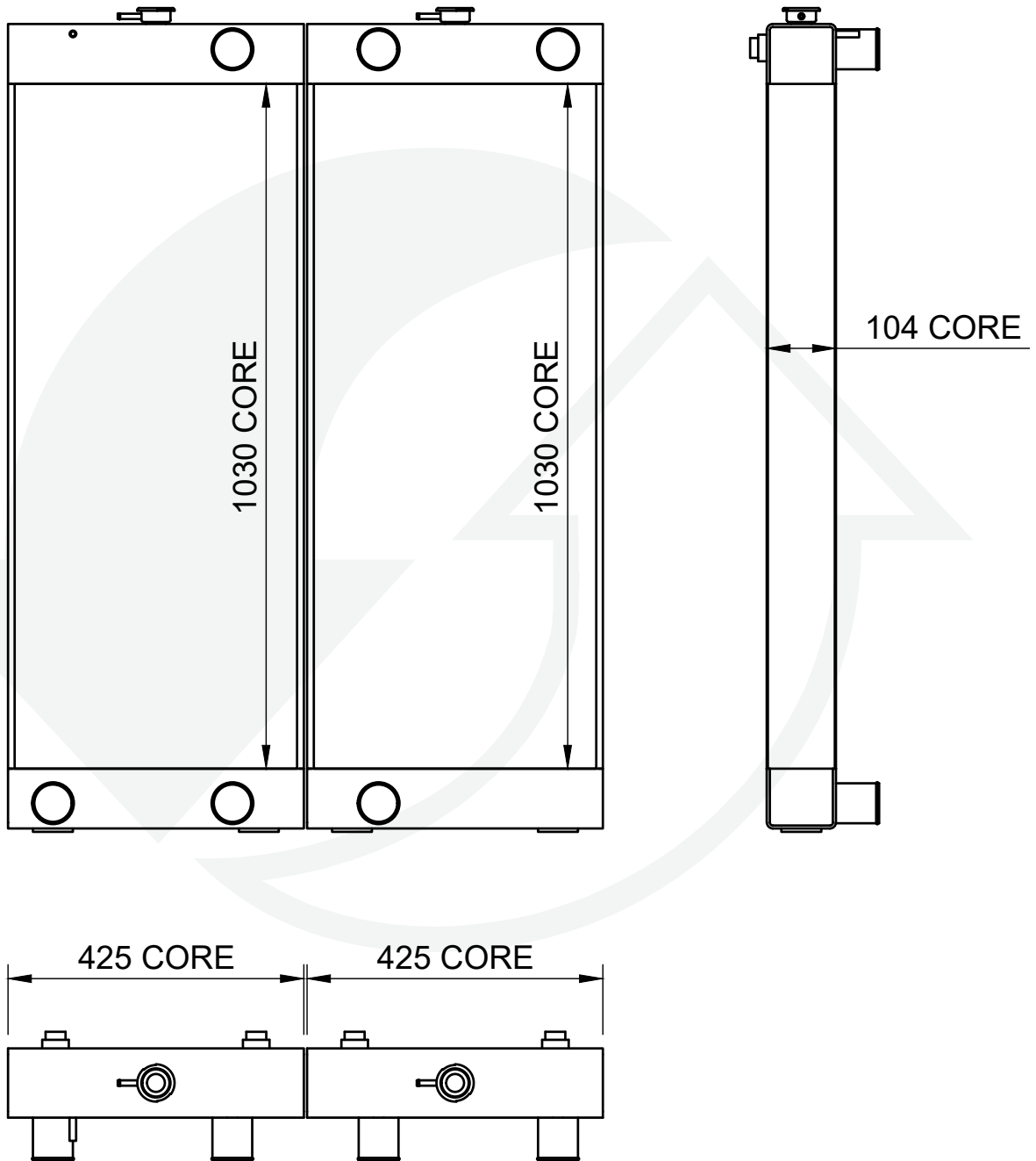
PART NUMBER: RAD930KOM1COM

# KOMATSU D275-5AX



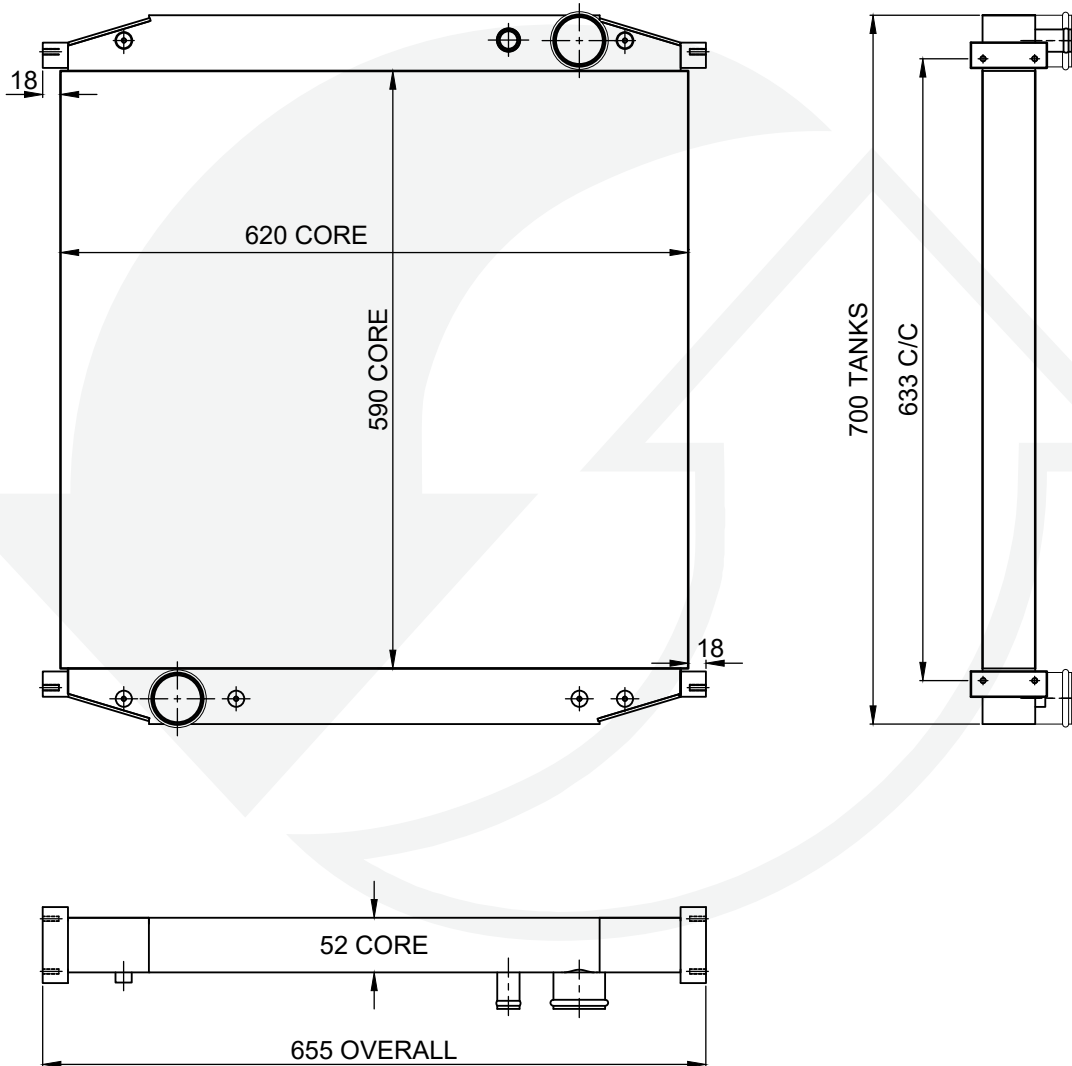
PART NUMBER: RAD1075KOM1COM

# KOMATSU WA480-2



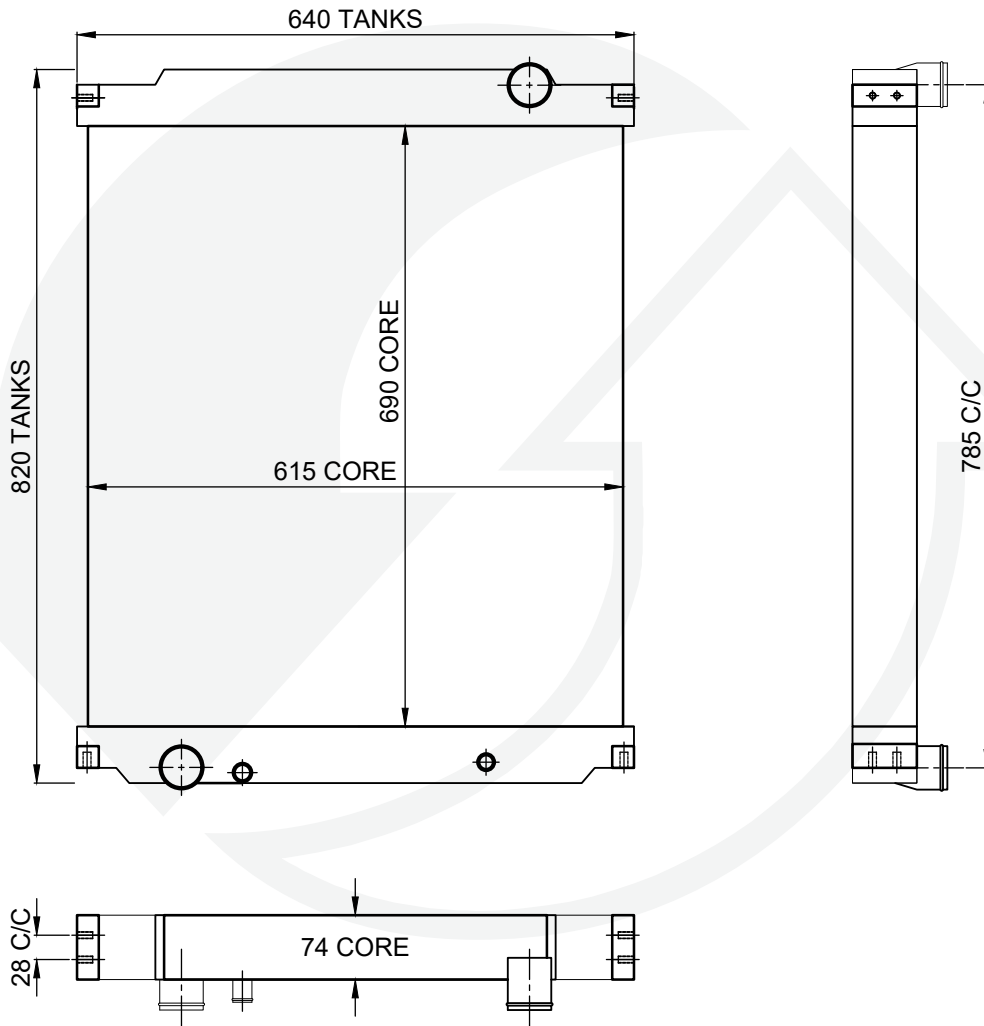
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# 590 MAN CLA RANGE VI



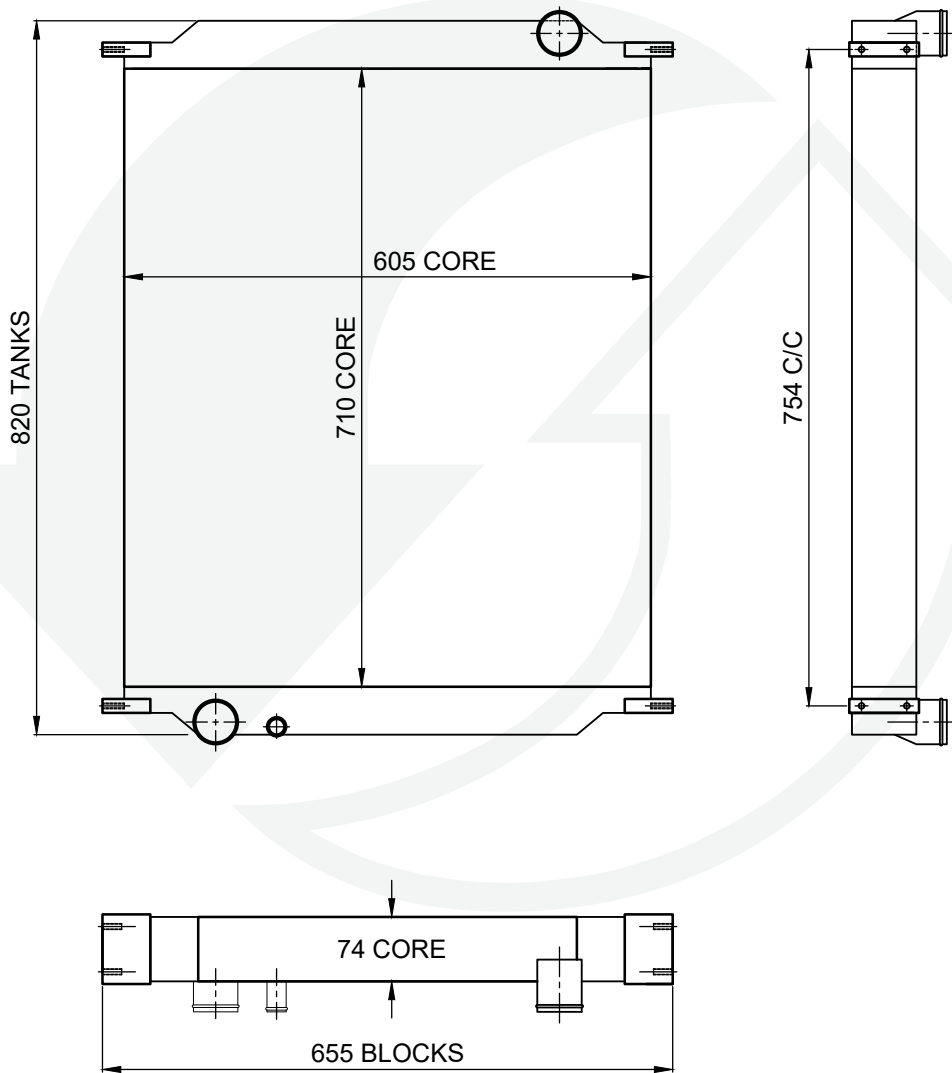
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# 690 MAN CLA V2



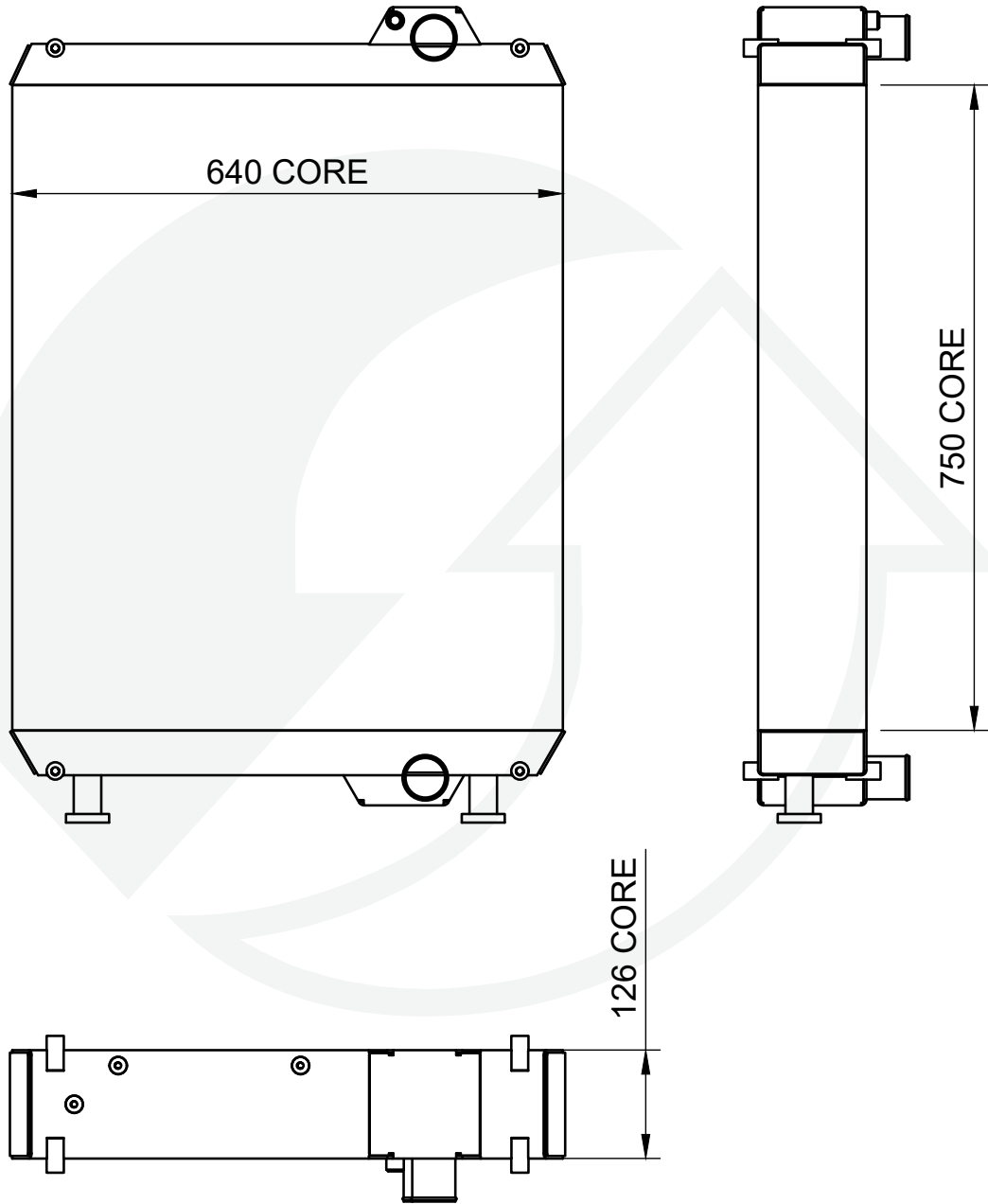
PART NUMBER: RAD690MAN1COM

# 710 MAN LE280 TGM RANGE



PART NUMBER: RAD710MAN1COM

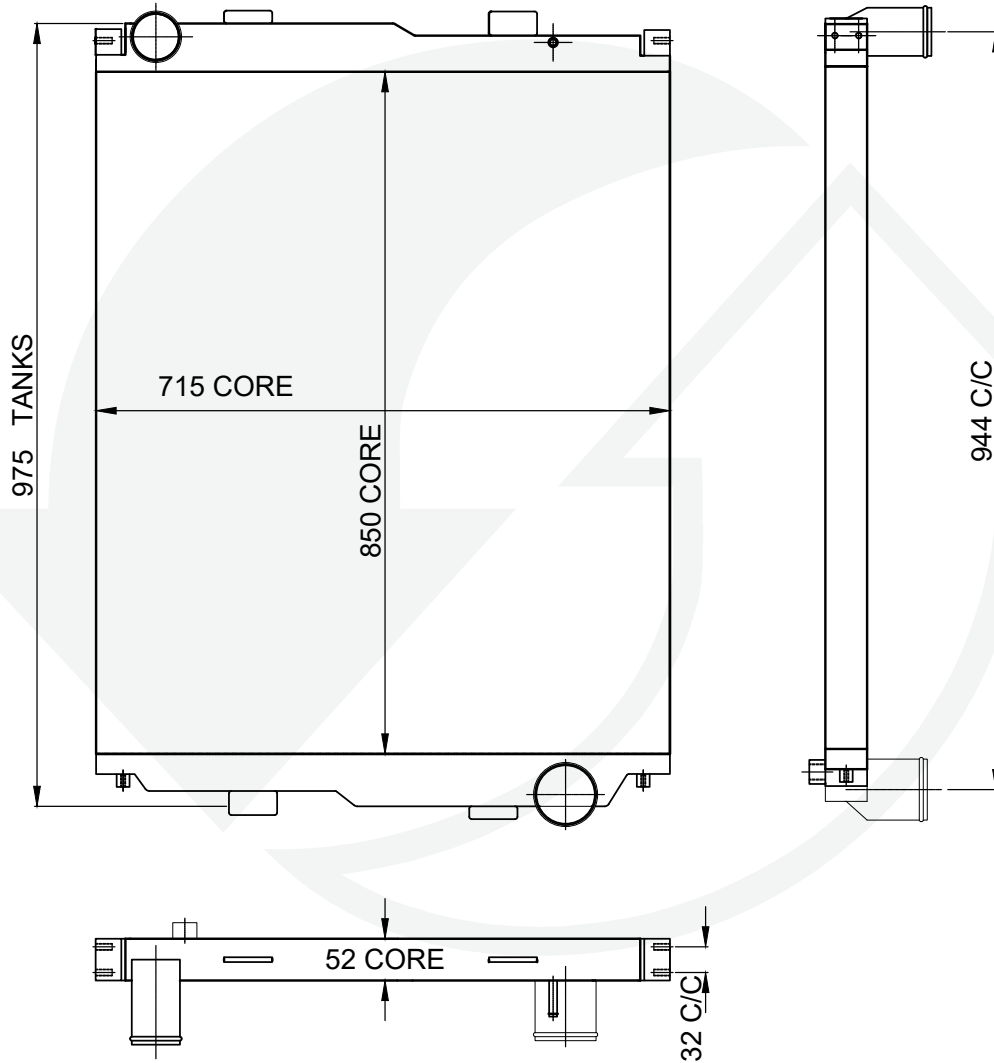
# NEW HOLLAND



PART NUMBER: RAD750NEW1COM

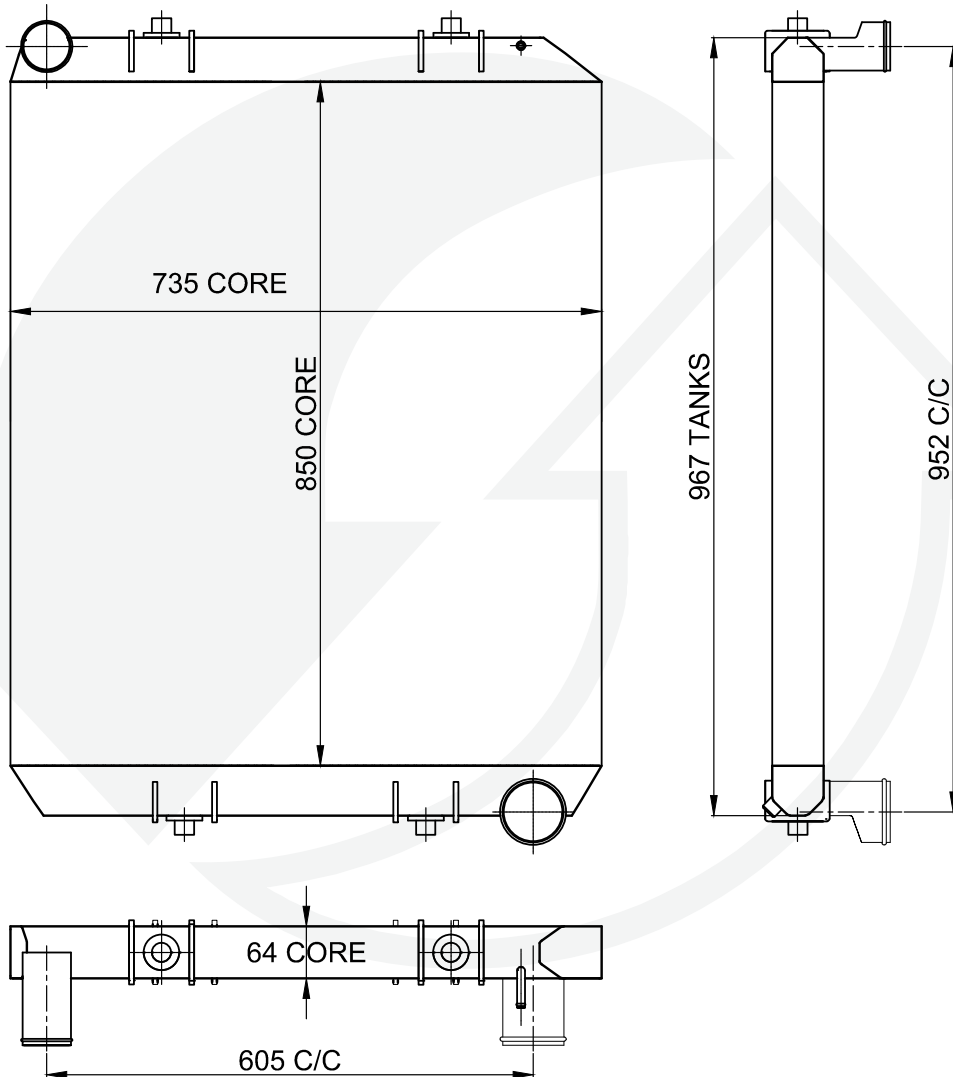


# NISSAN UD440



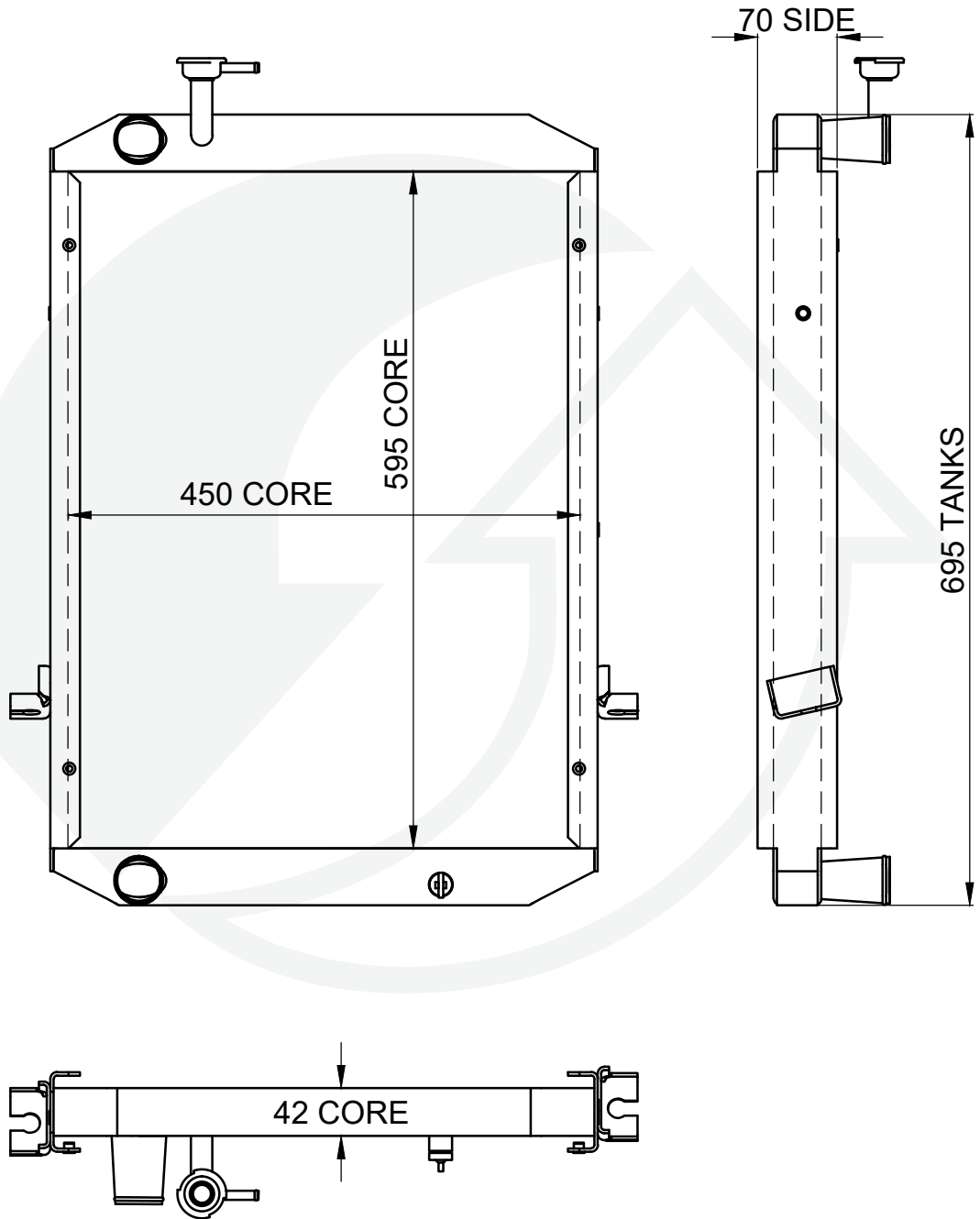
PART NUMBER: RAD850NIS1COM

# NISSAN UD370



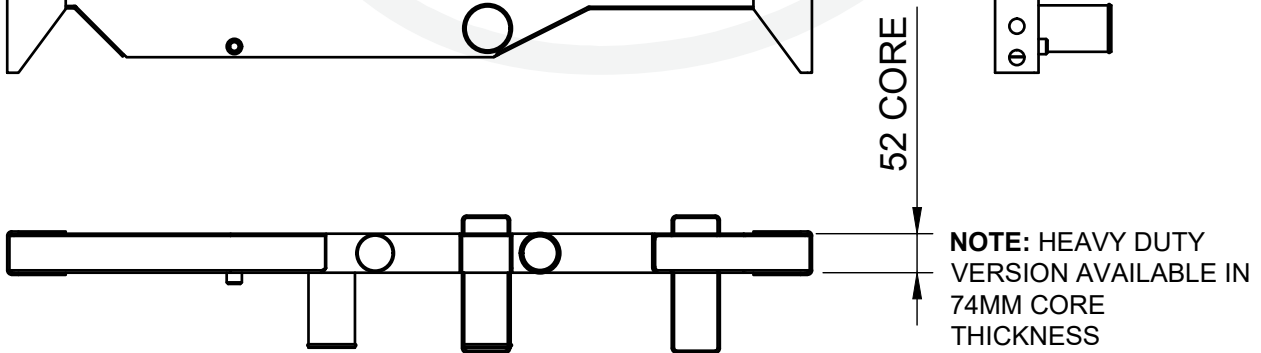
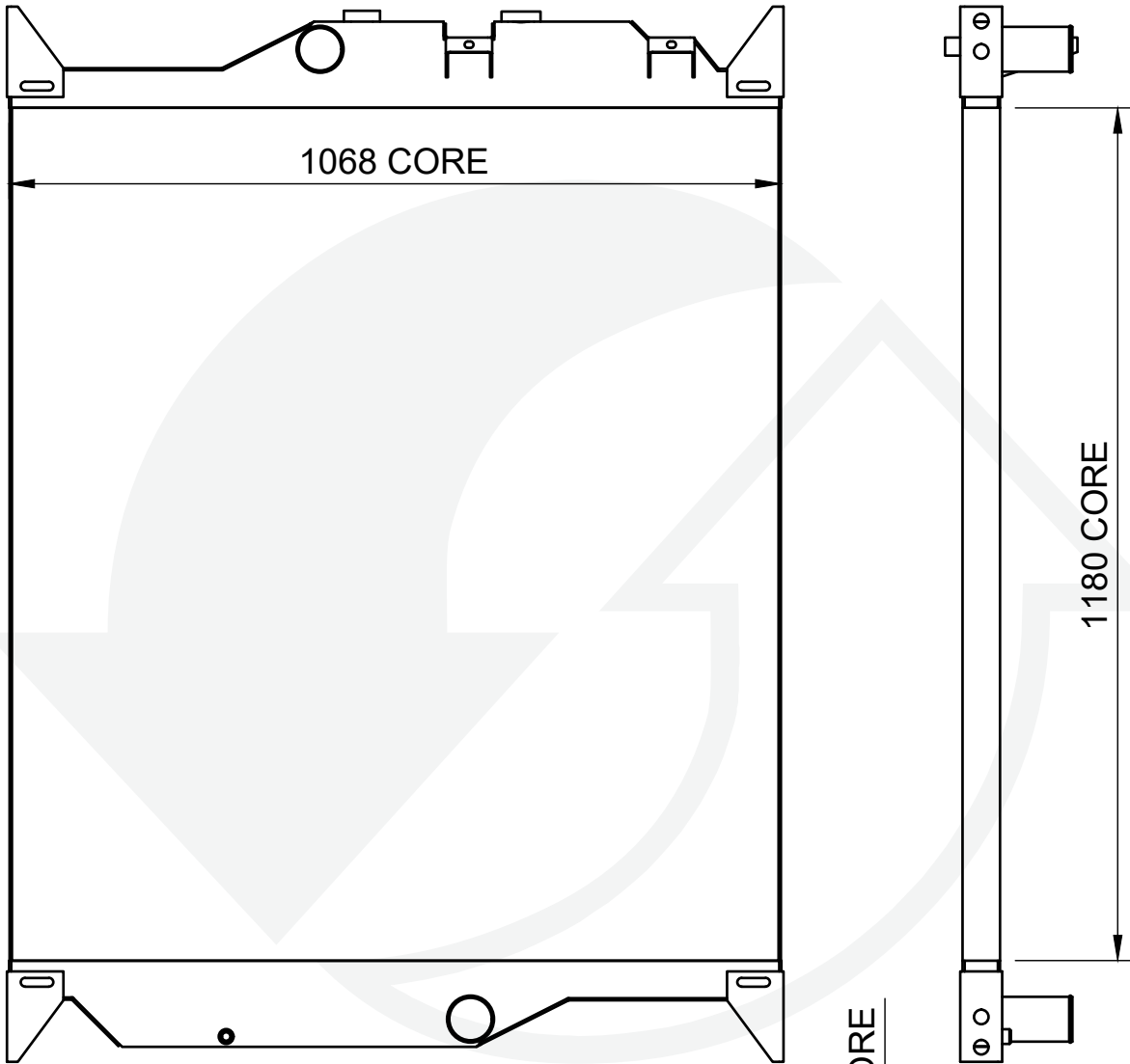
PART NUMBER: RAD850NIS2COM

# NISSAN CABSTA



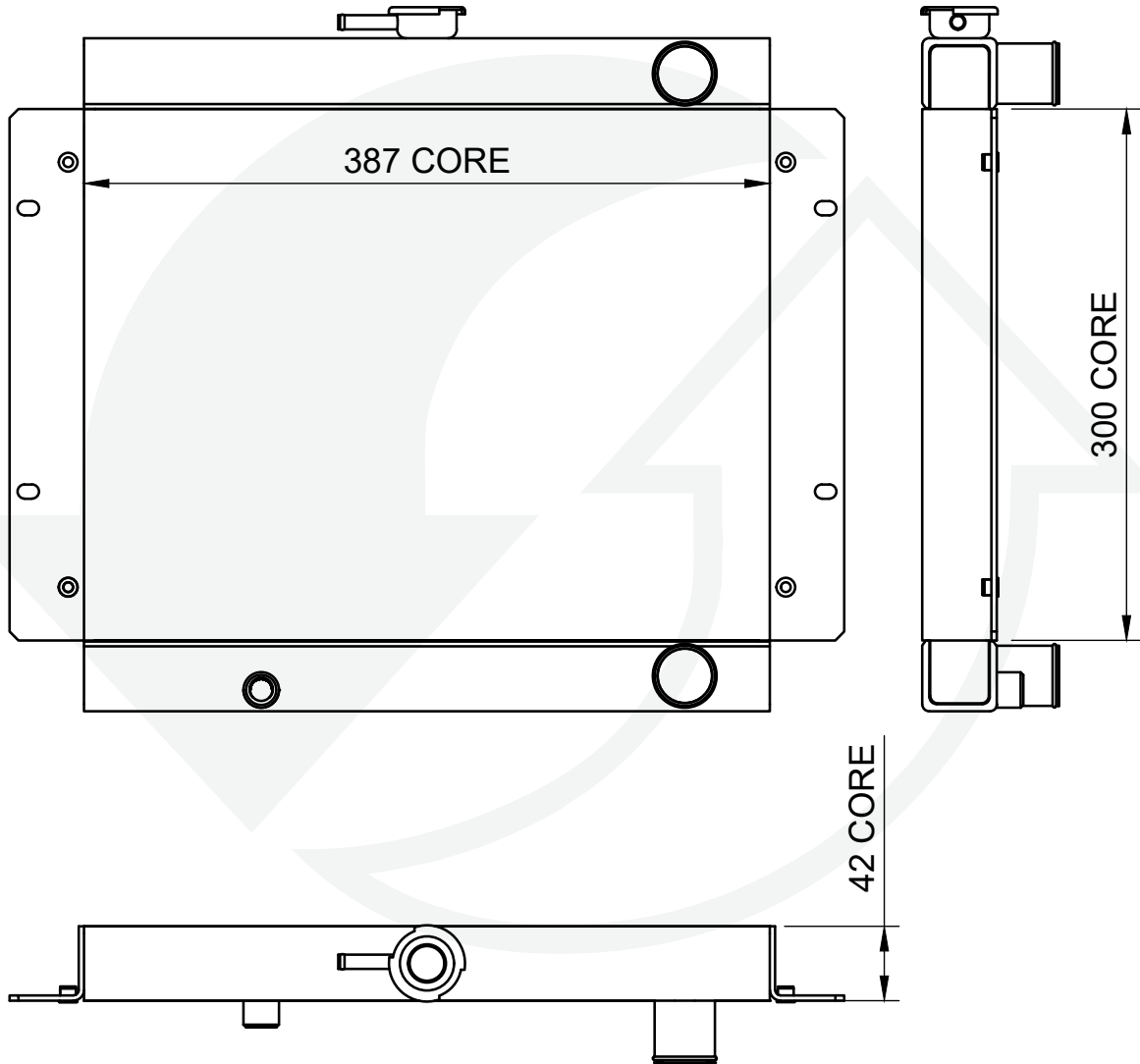
PART NUMBER: RAD595NIS1COM

# SCANIA KVA



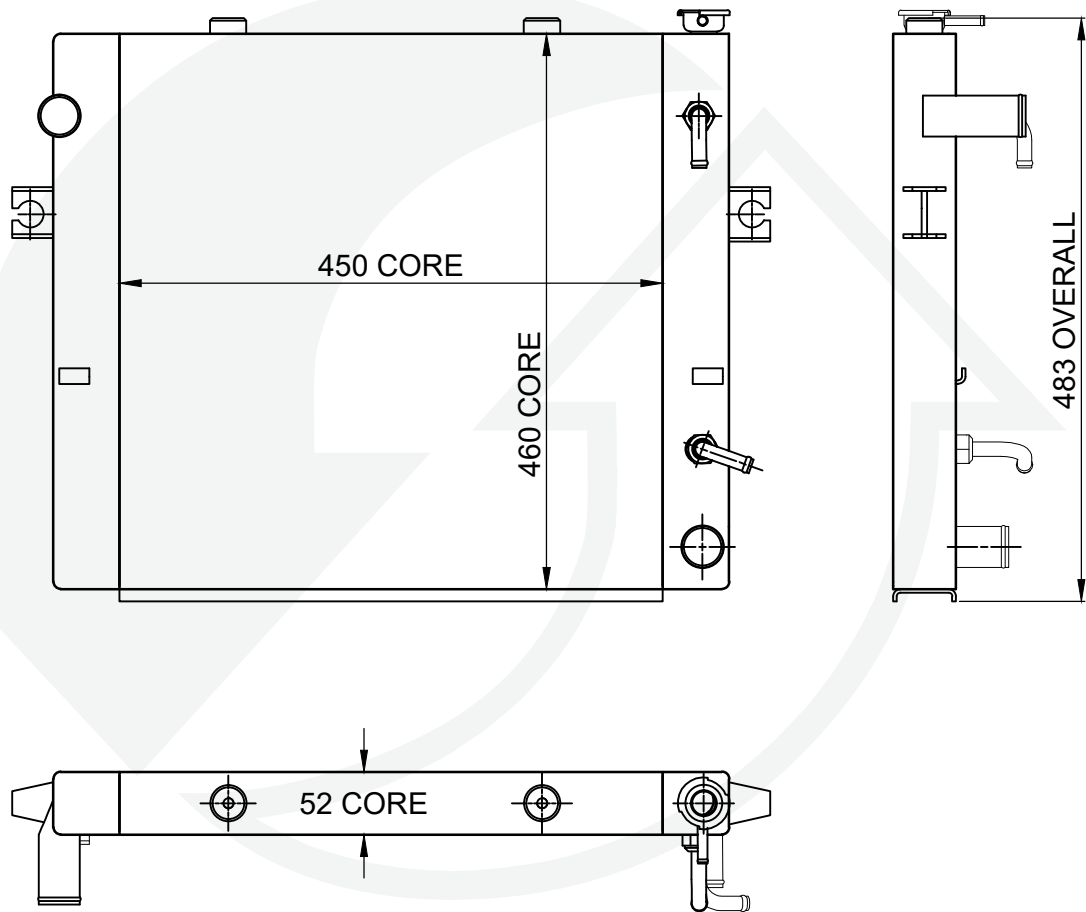
PART NUMBER: RAD1180SCA1COM

# SUZUKI JIMNY



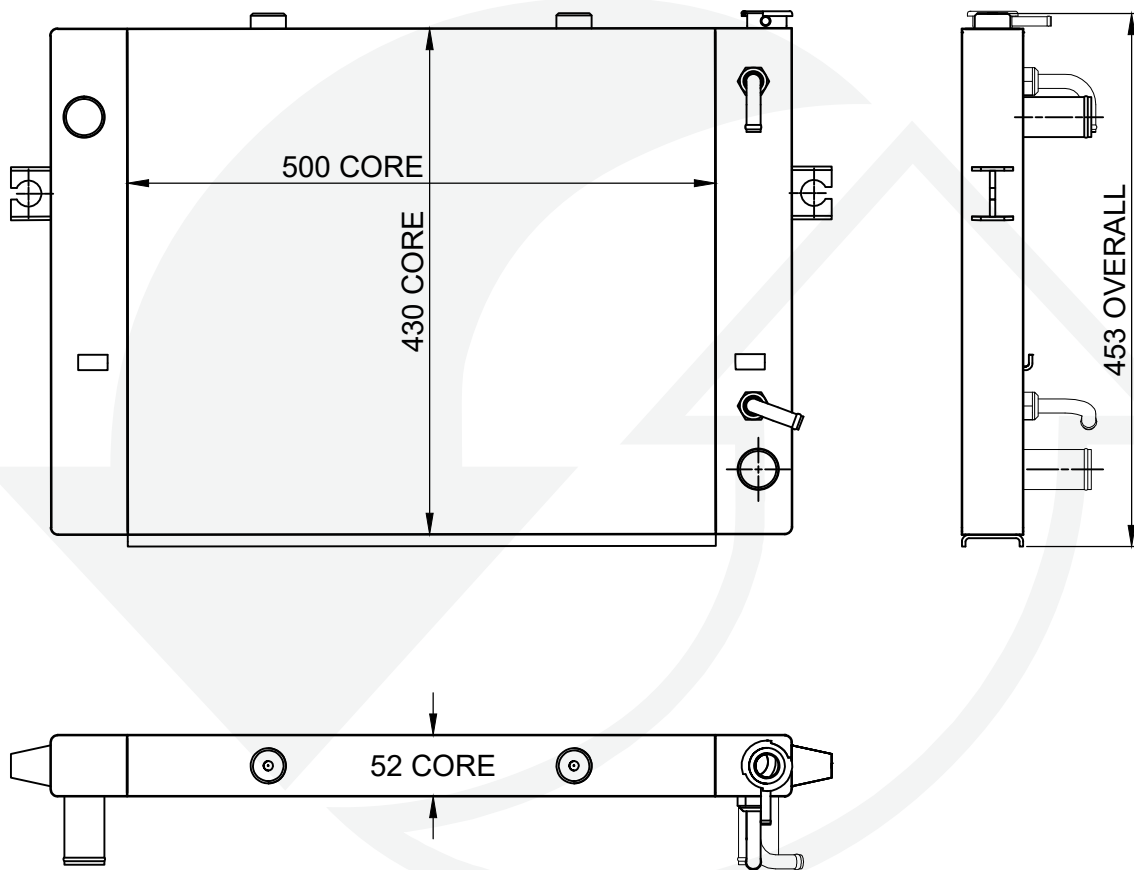
PART NUMBER: RAD300SUZ1COM

# TOYOTA FORKLIFT 1.8TON



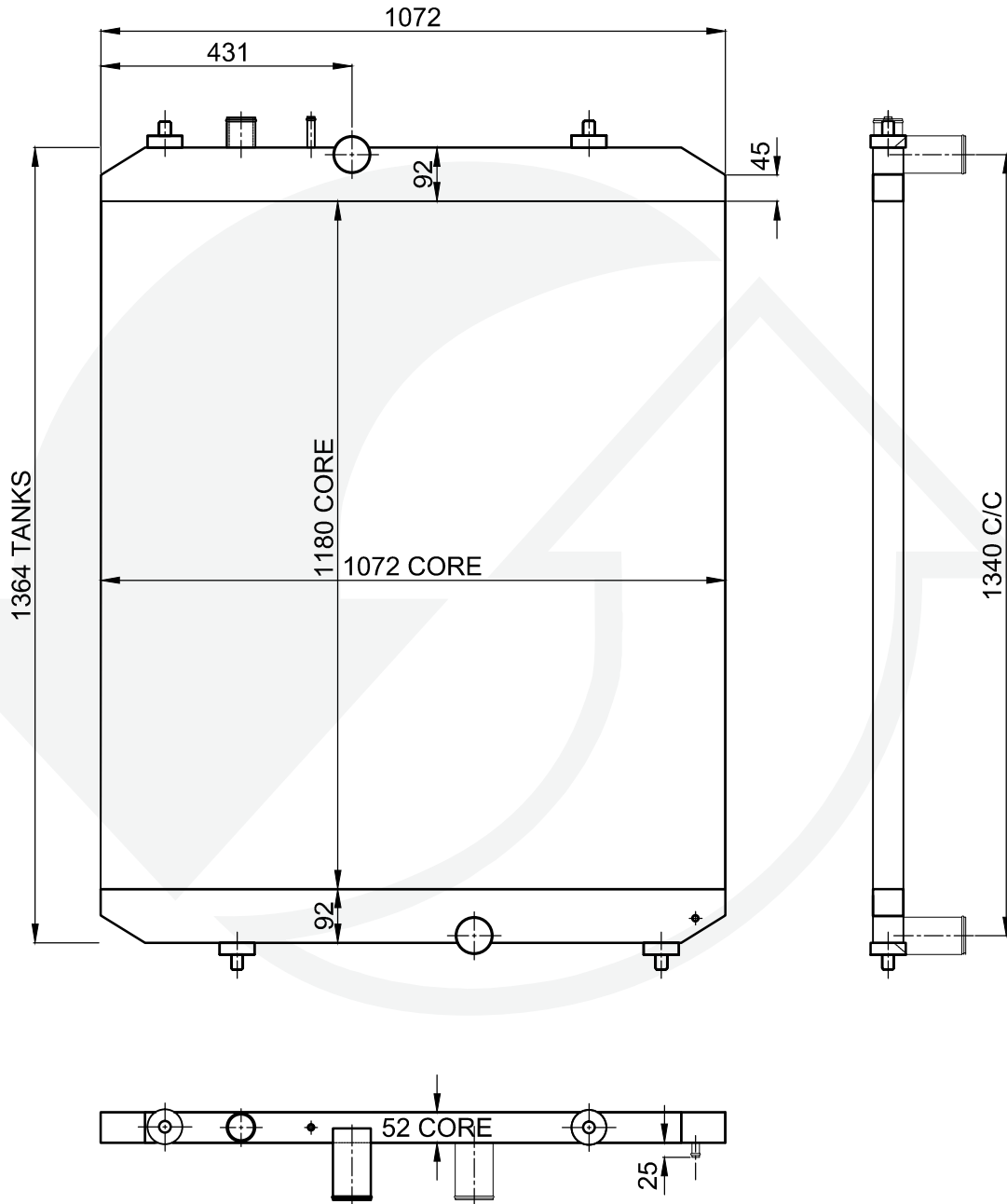
PART NUMBER: RAD450TOY1COM

# TOYOTA FORKLIFT 2.5 TON



PART NUMBER: RAD500TOY1COM

# VOLVO PENTA TADI64IGE



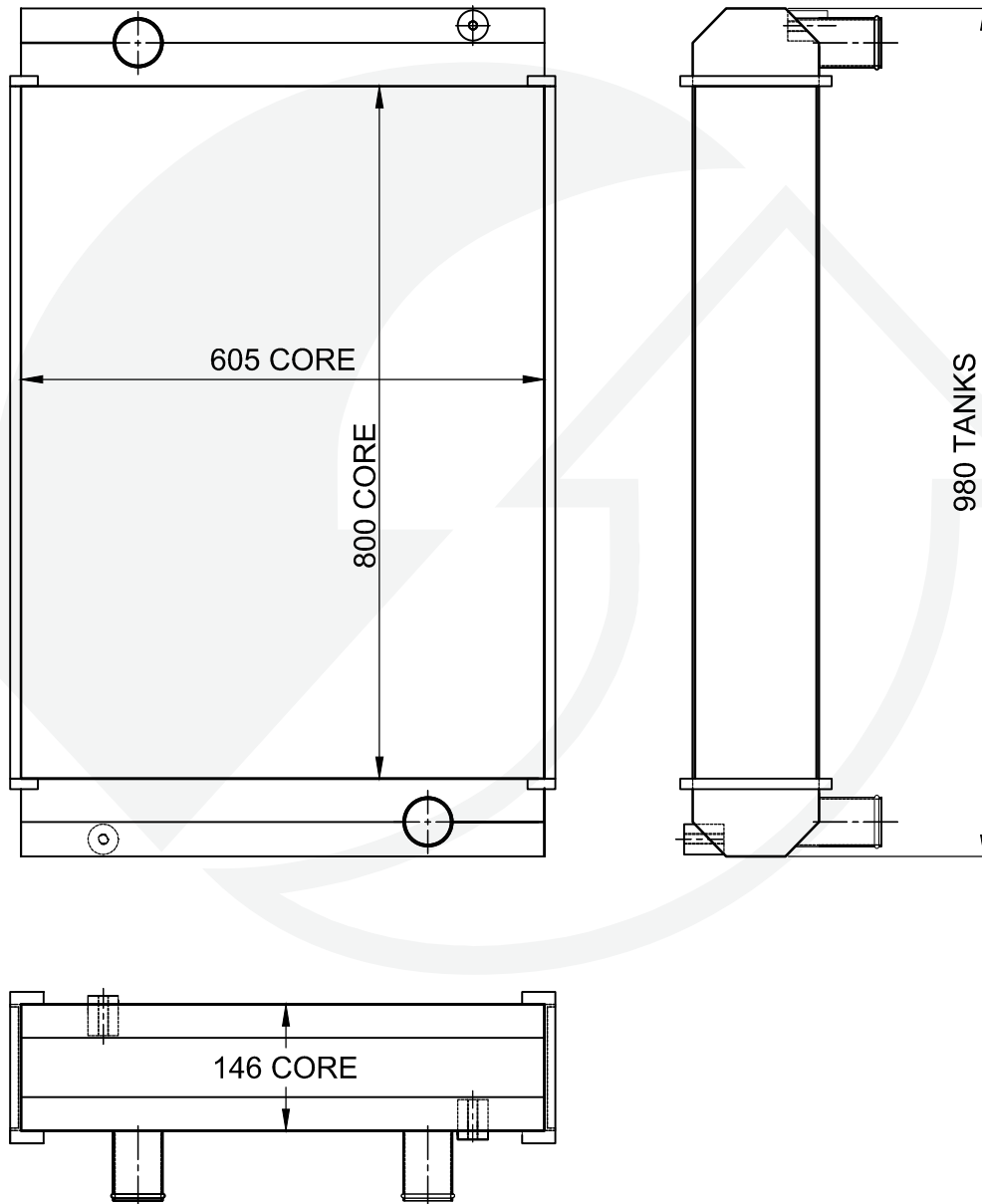
ALSO AVAILABE IN COPPER



PART NUMBER: RAD1180VOL1COM

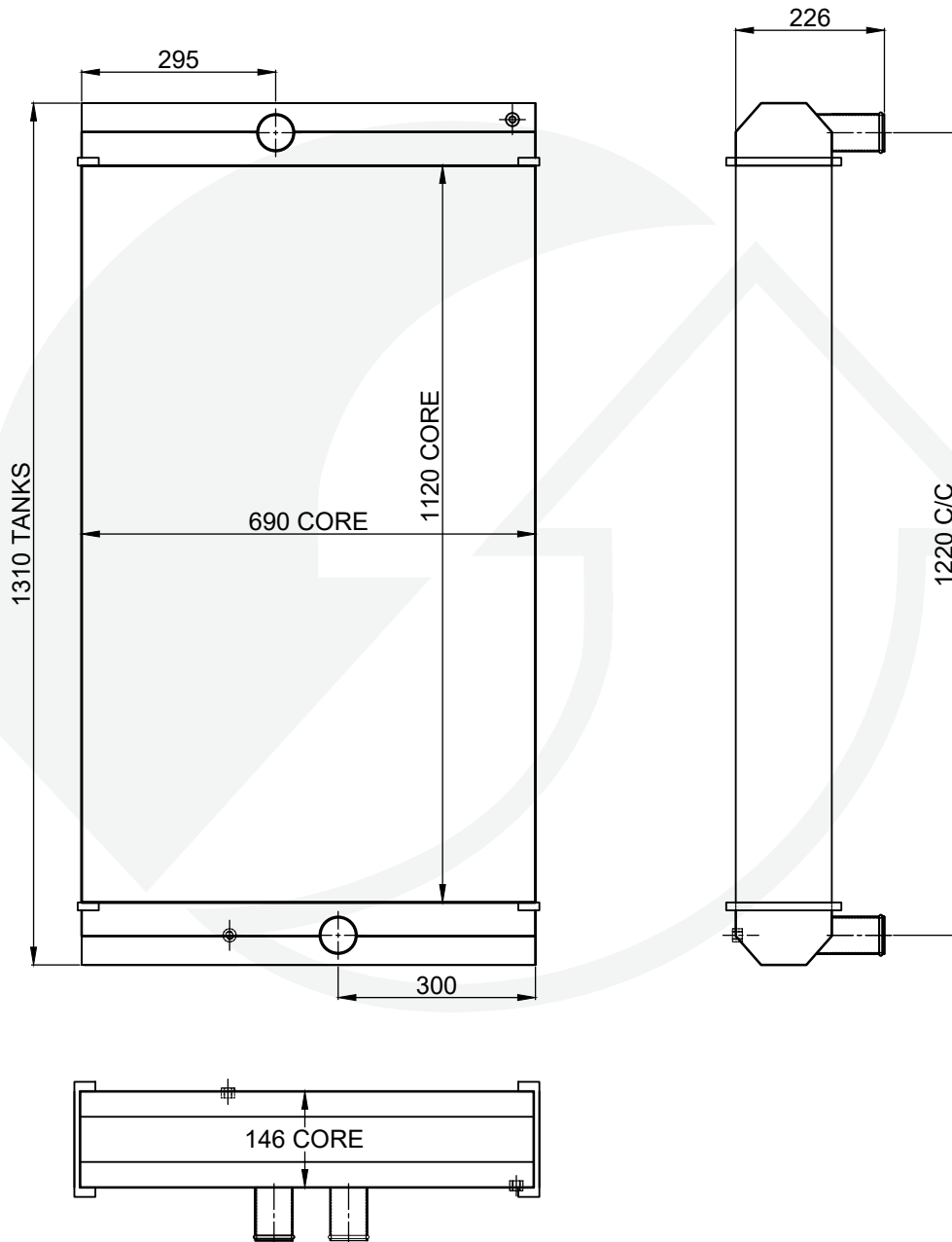


# VOLVO EC290



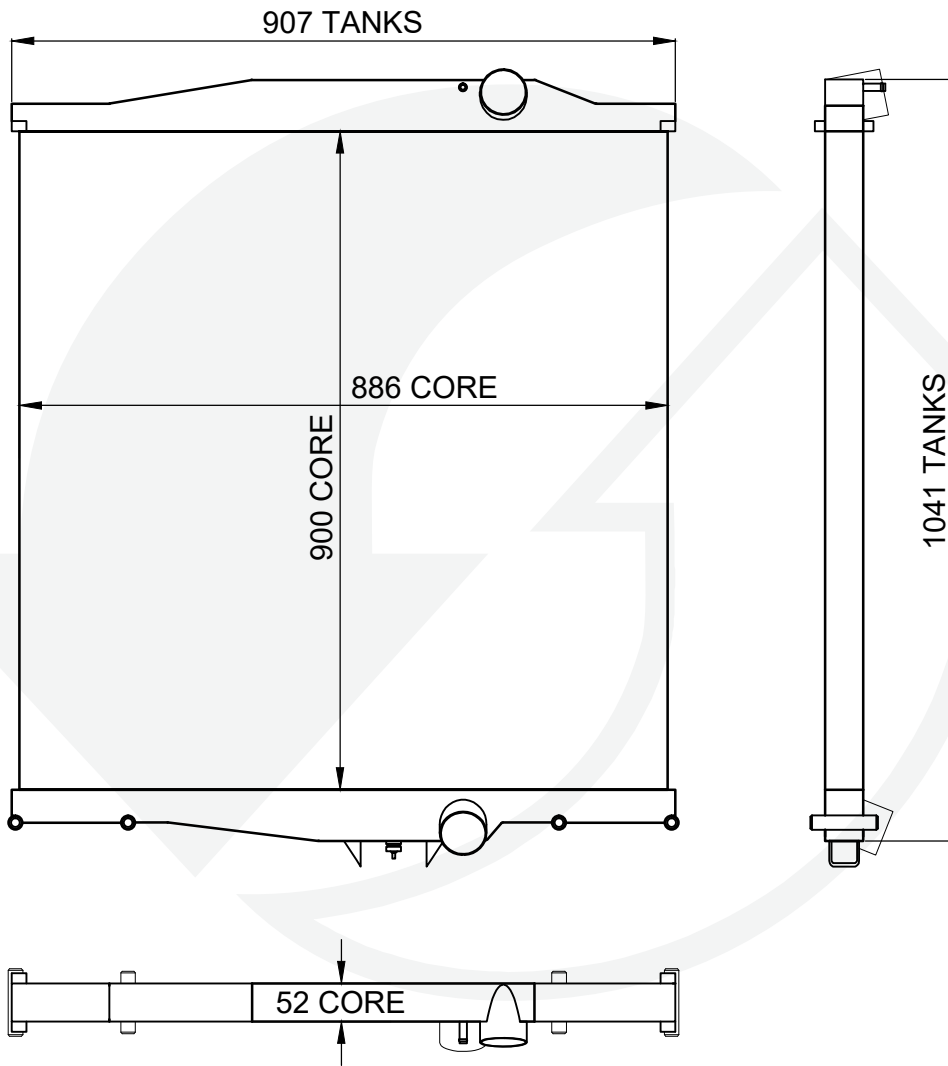
PART NUMBER: RAD800VOL1COM

# VOLVO EC750



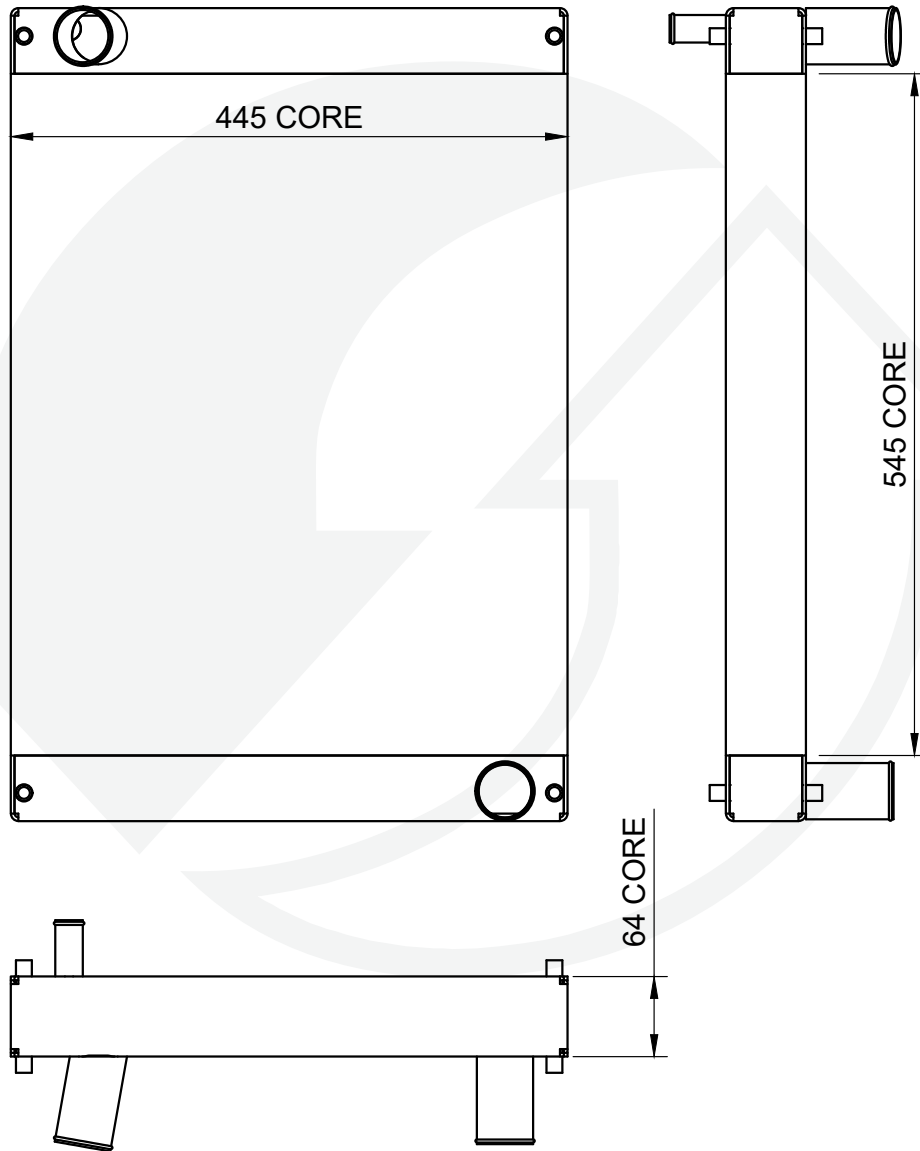
PART NUMBER: RAD1120VOL1COM

# VOLVO FH TRUCKS

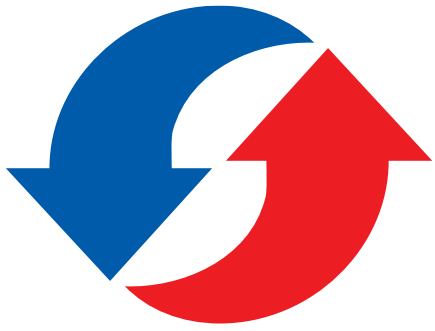


PART NUMBER: RAD900VOL1COM

# VW CONSTELLATION 15180



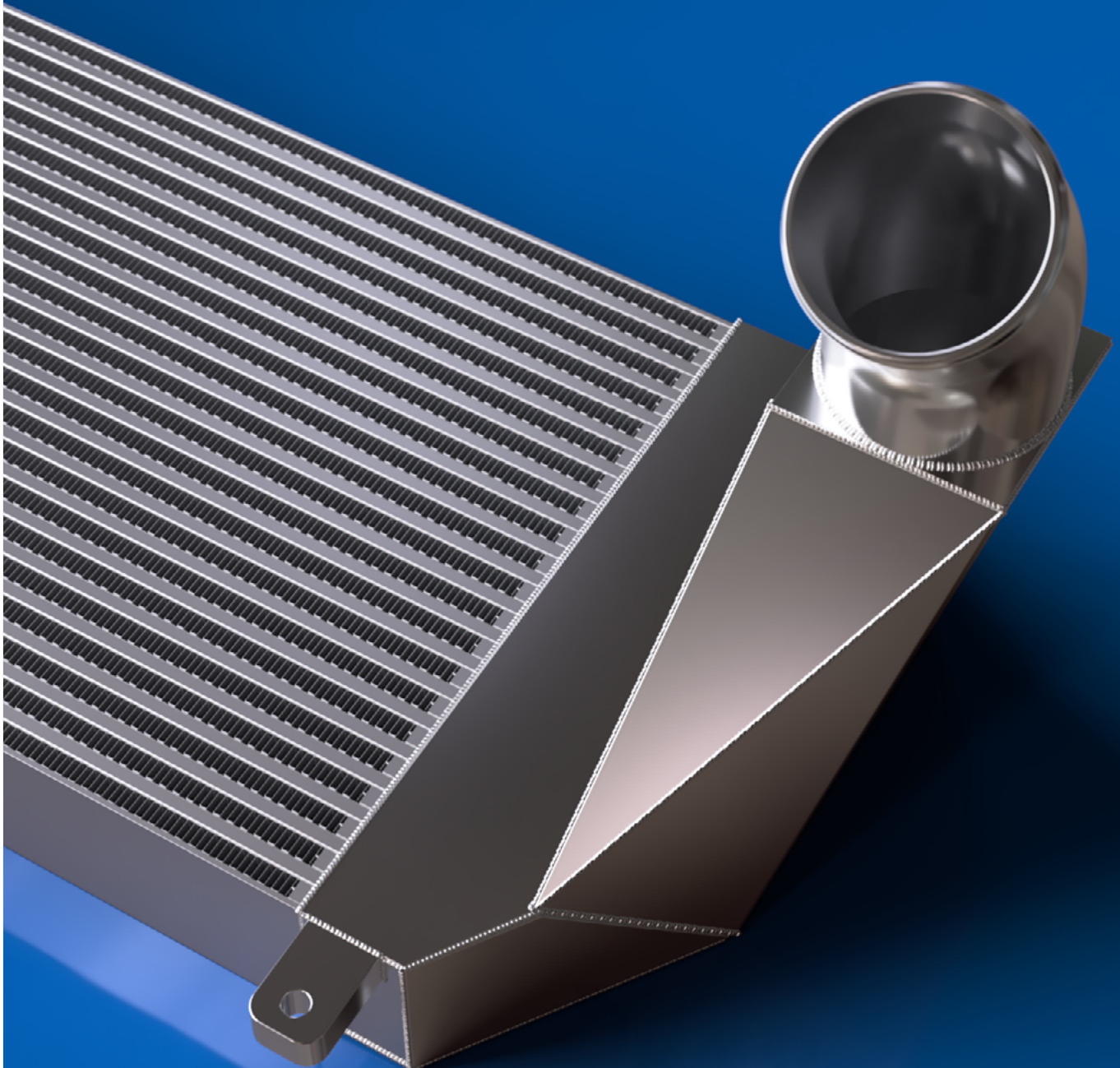
PART NUMBER: RAD545VW1COM



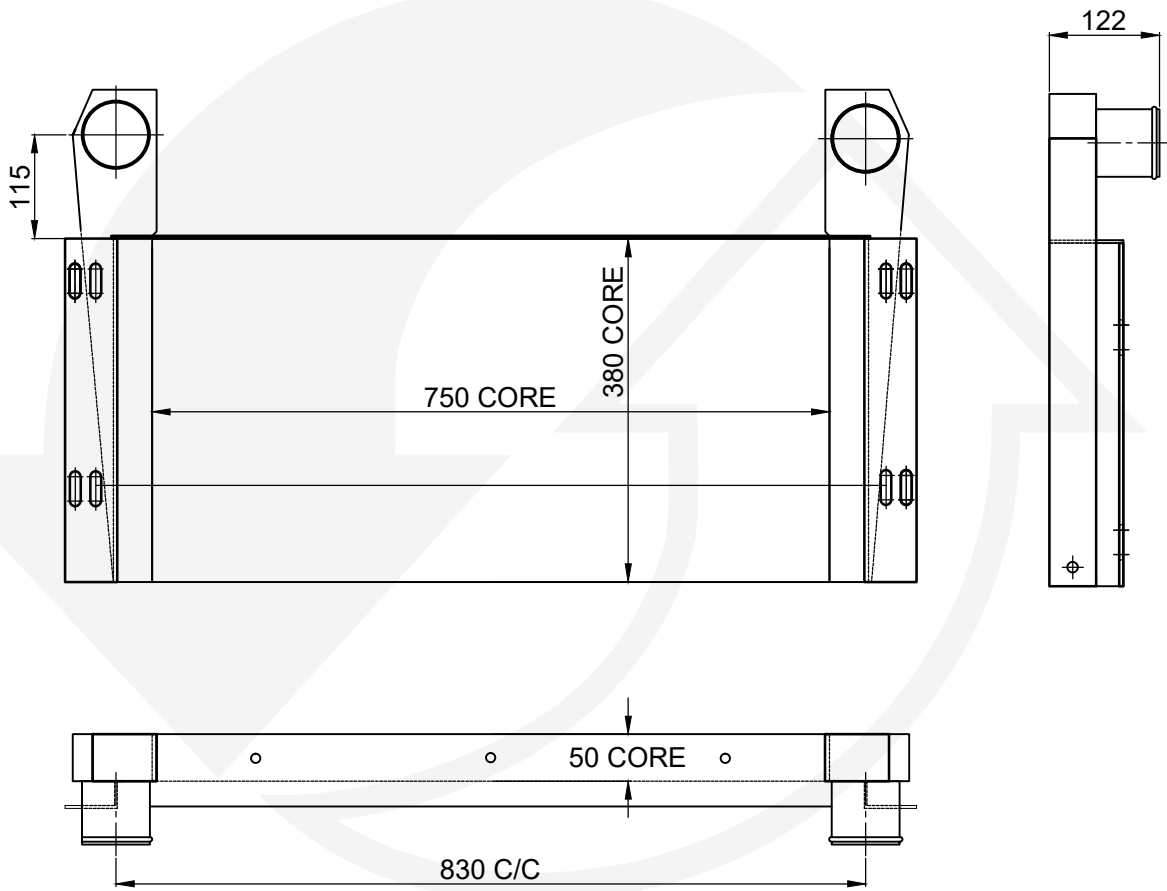
**CHE**

*HEAT TRANSFER PRODUCTS*

# INTERCOOLERS

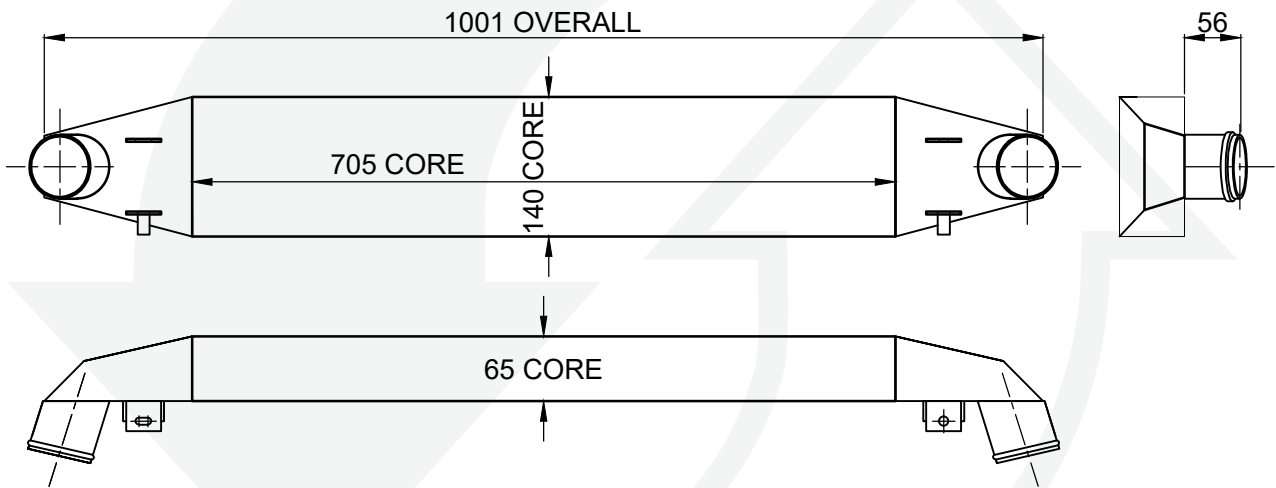


# BELL KARMAZON



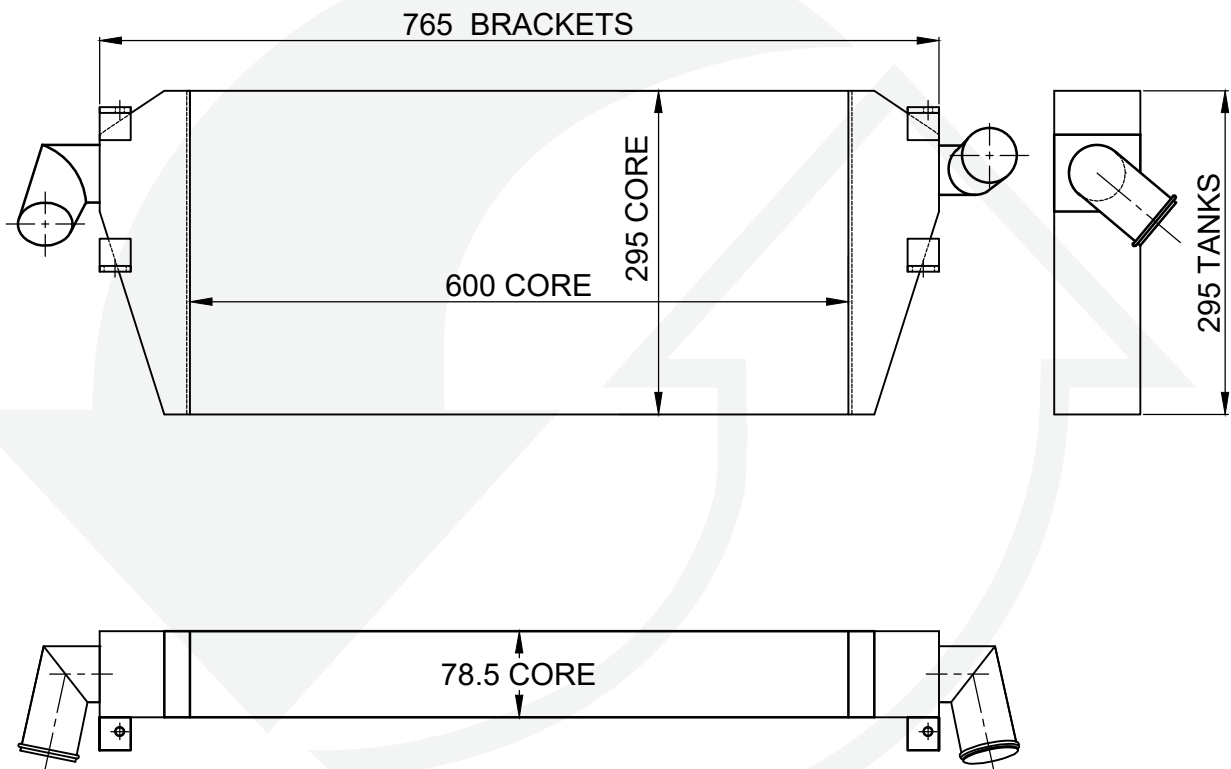
PART NUMBER: INT750BEL1COM

# FORD FIESTA ST



PART NUMBER: INT705FOR1COM

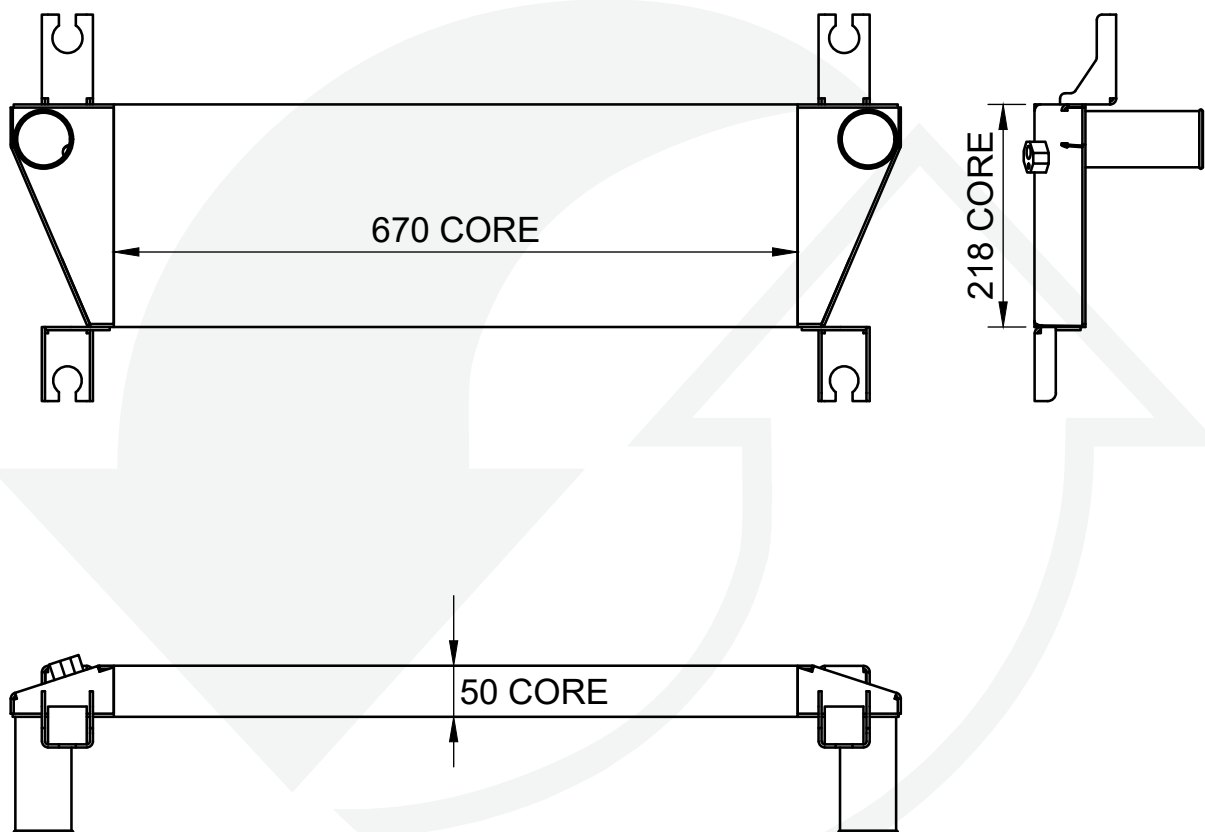
# FORD FOCUS ST



PART NUMBER: INT600FOR1COM

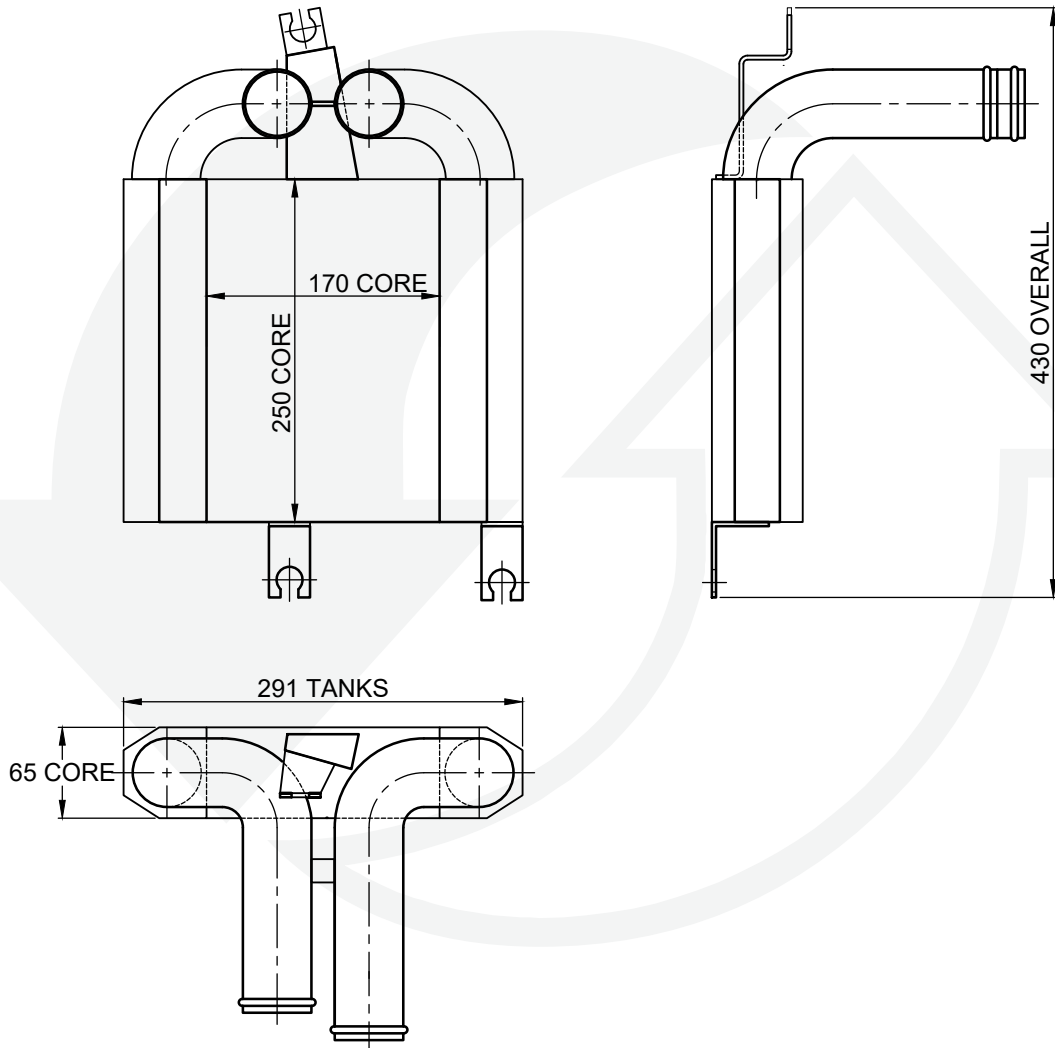


# FORD RANGER 3.2 & 2.2



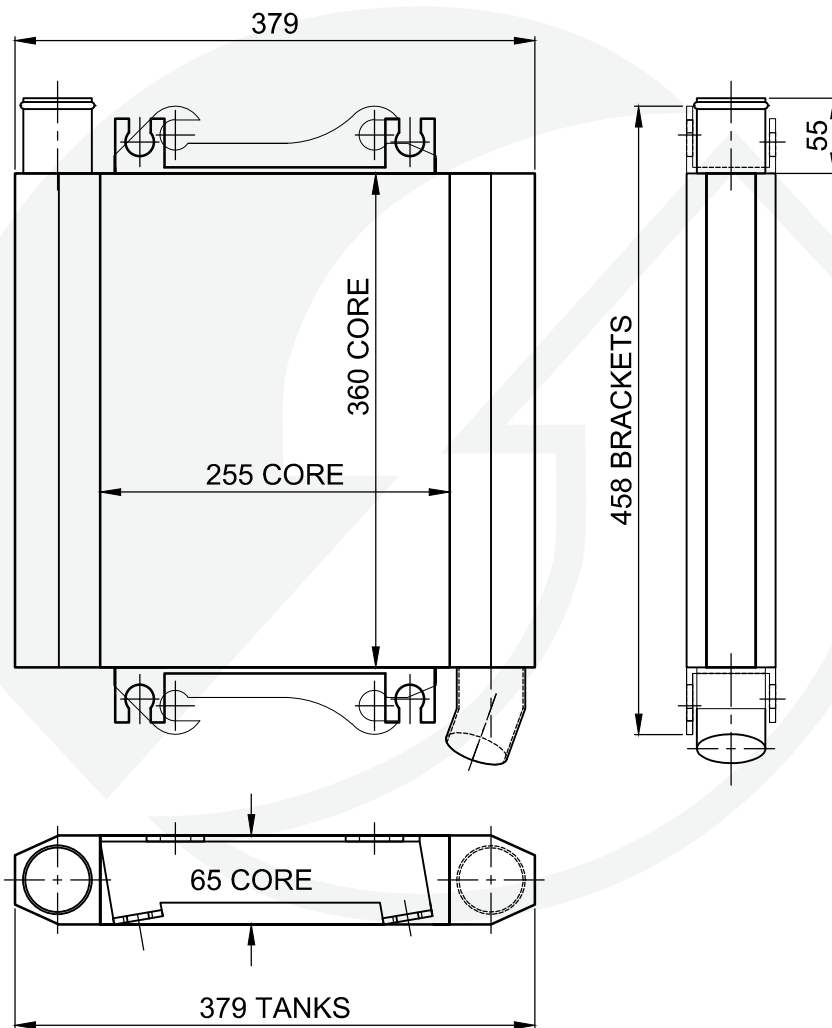
PART NUMBER: INT670FOR1COM

# ISUZU KB300



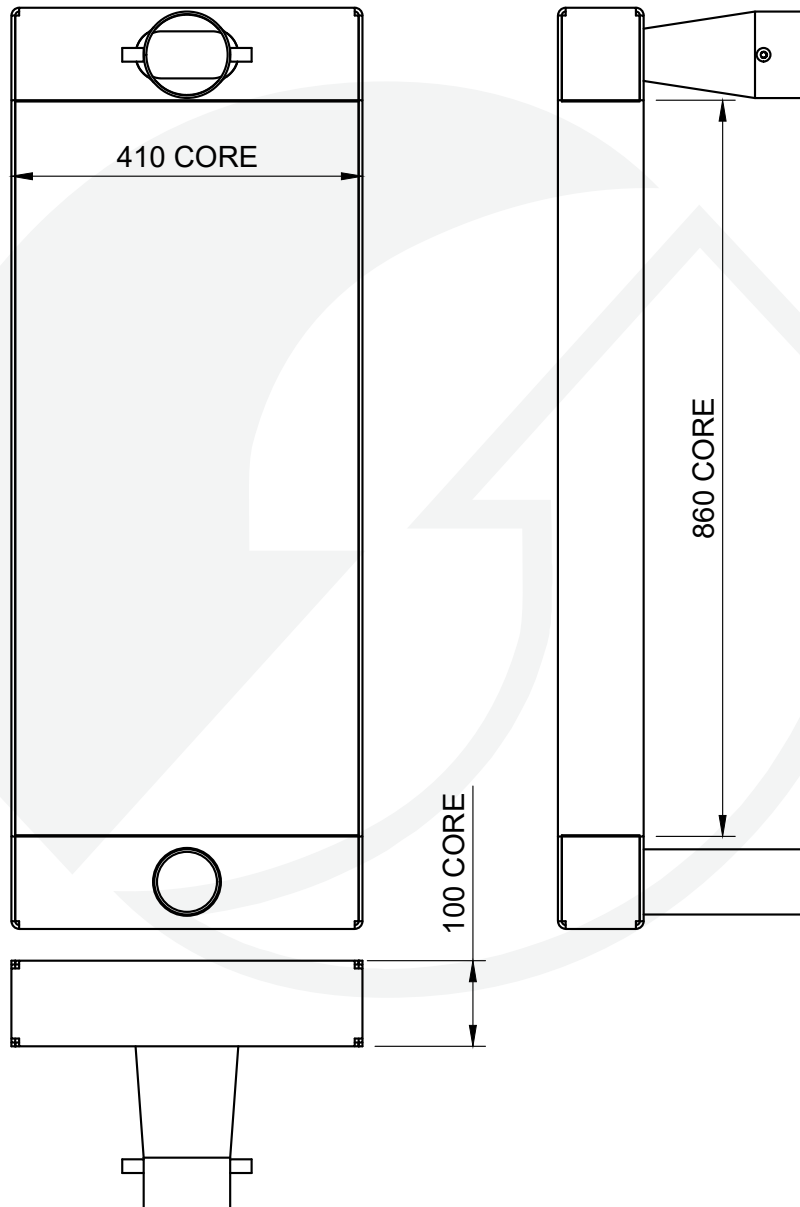
PART NUMBER: INT170ISU1COM

# ISUZU D-TEQ



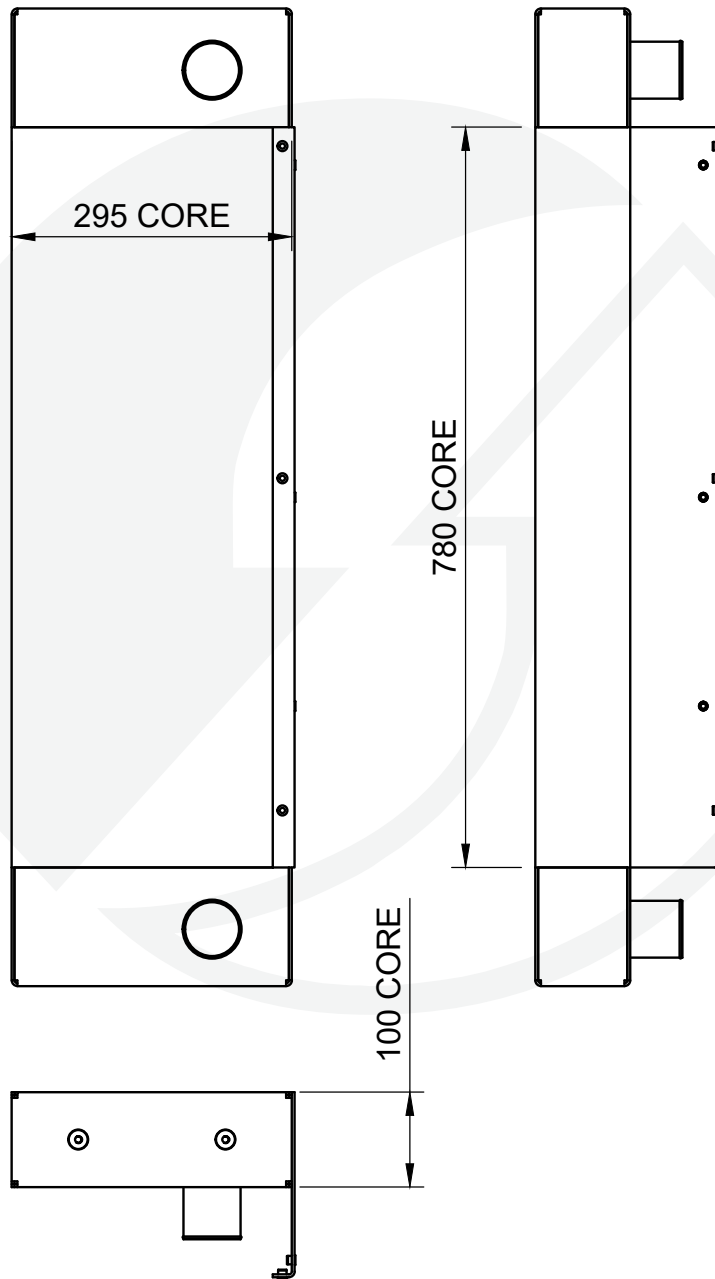
PART NUMBER: INT255ISU1COM

# JOHN DEERE 6135 (13.5)



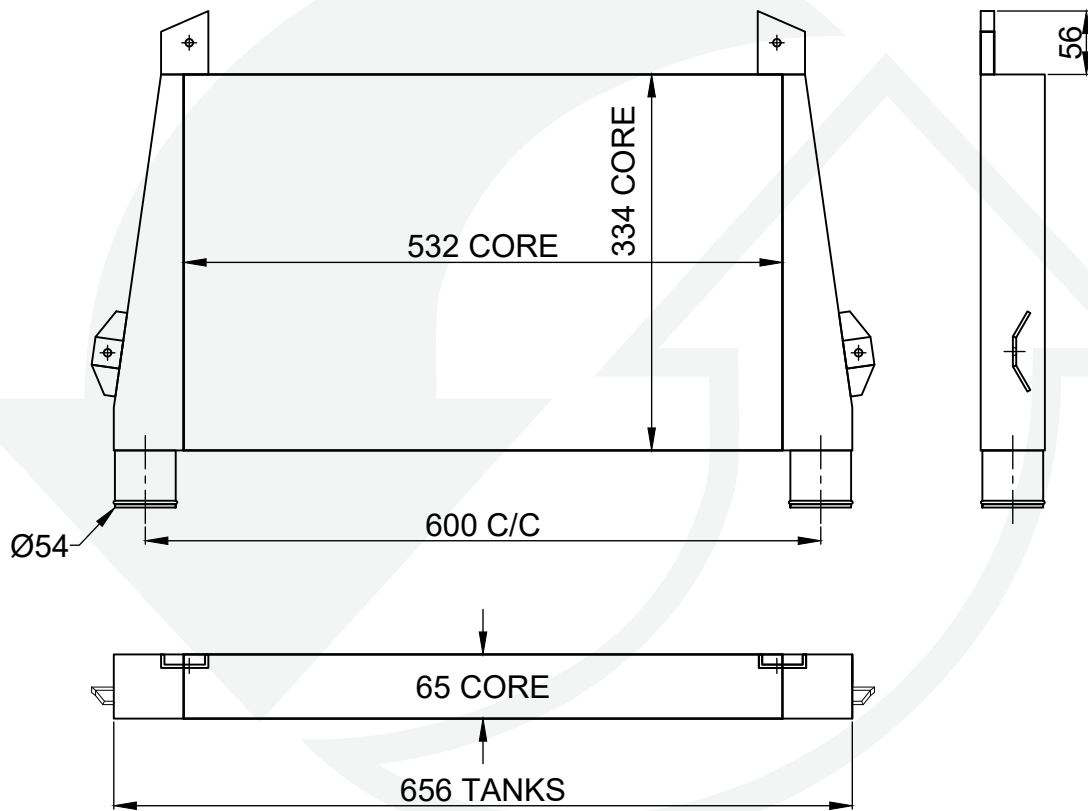
PART NUMBER: INT860JOH1COM

# JOHN DEERE 6086 HFI20



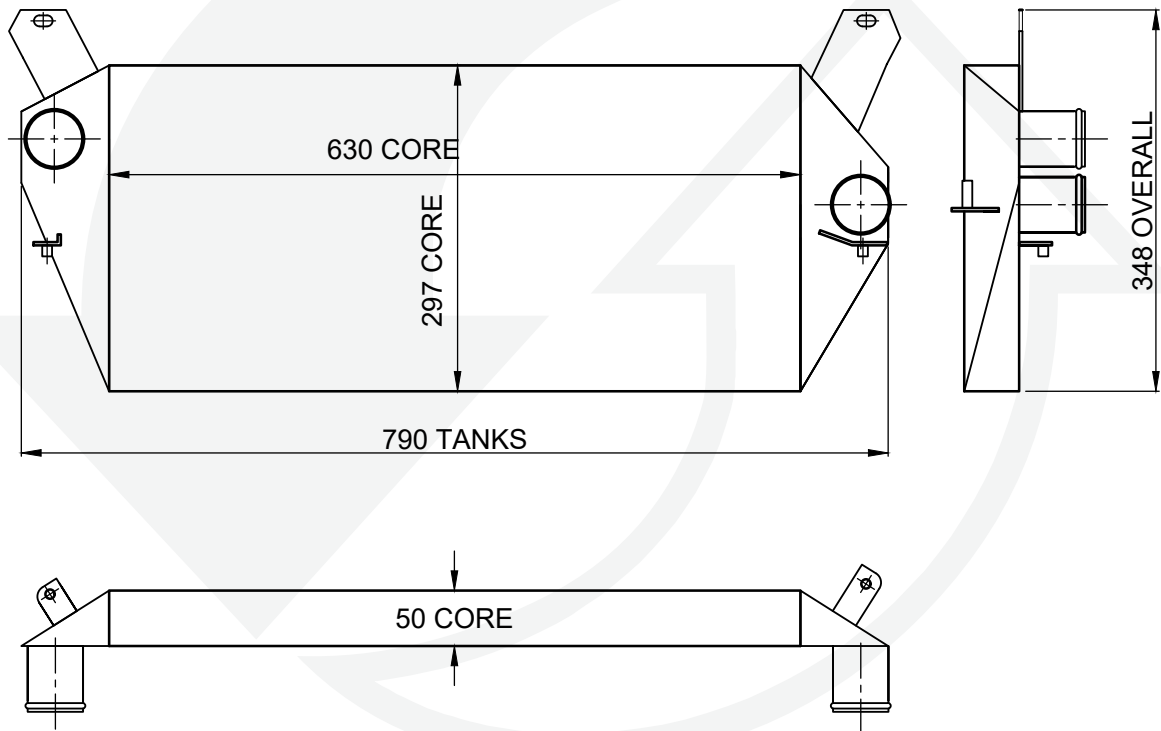
PART NUMBER: INT780JOH1COM

# LAND ROVER TDV6



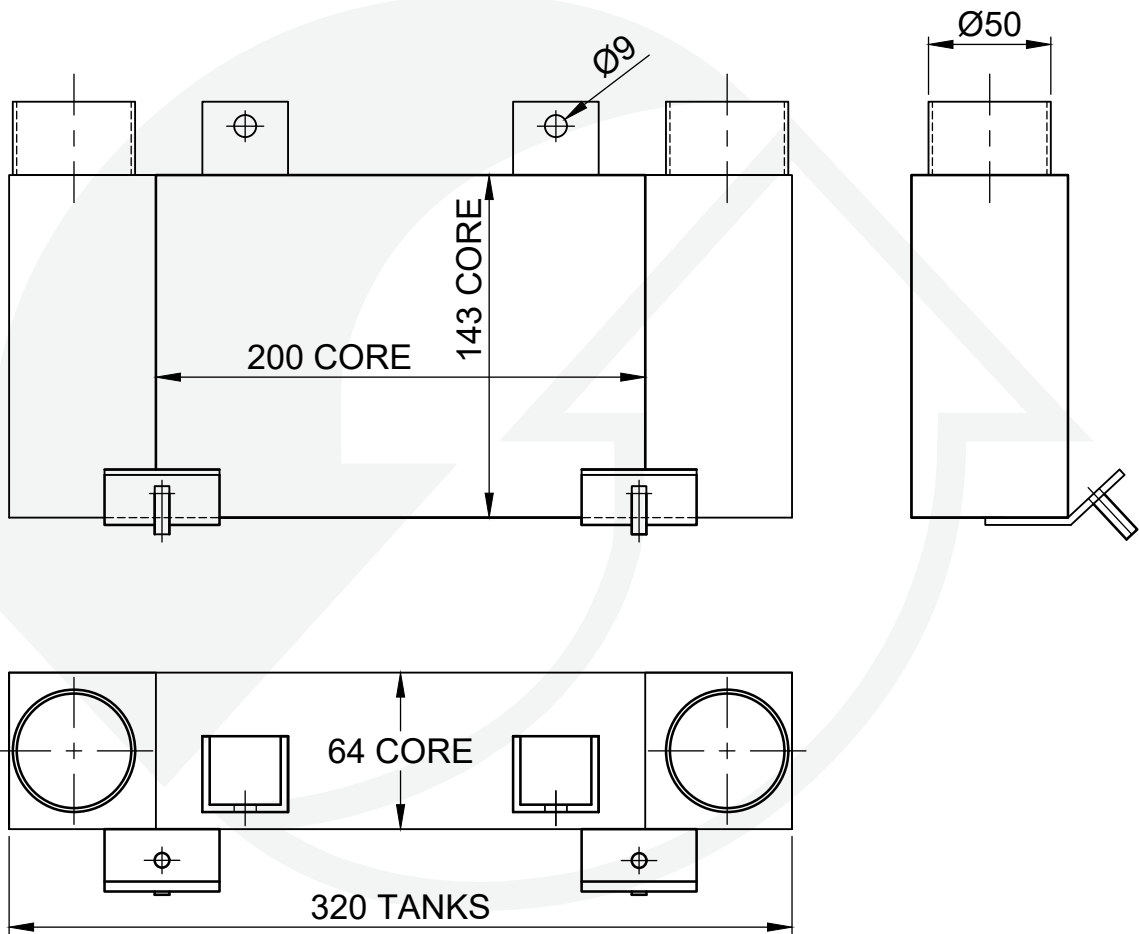
PART NUMBER: INT532LAN1COM

# LAND ROVER DISCOVERY TD5



PART NUMBER: INT630LAN1COM

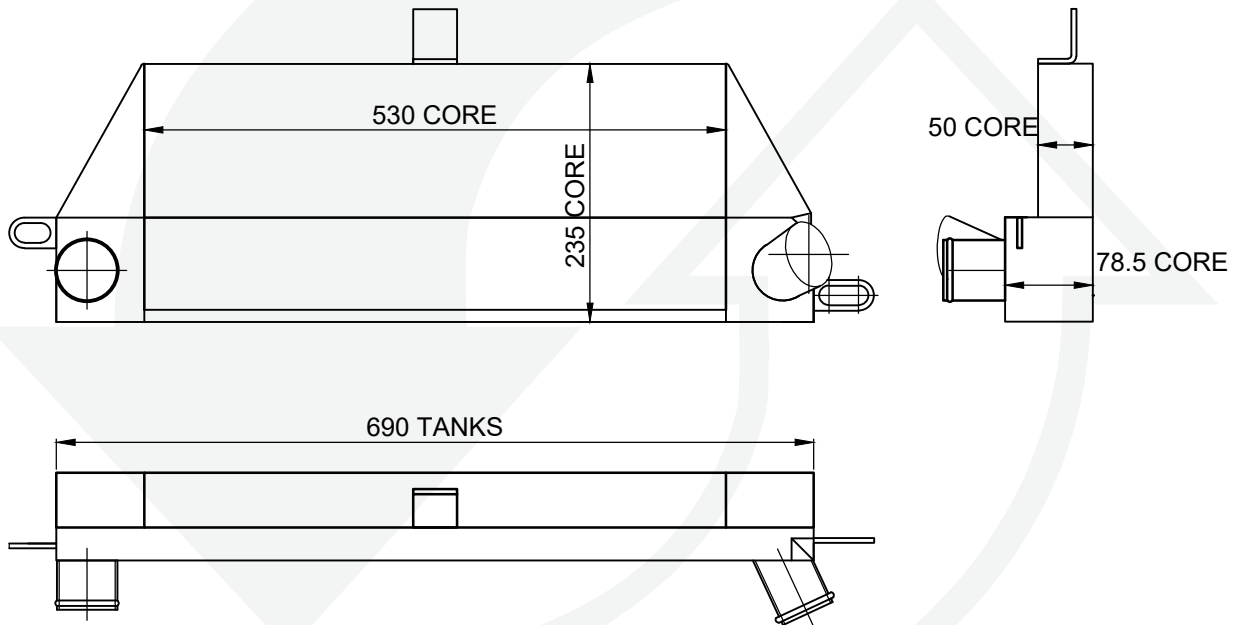
# MAZDA 2.5 DIESEL



PART NUMBER: INT200MAZ1COM

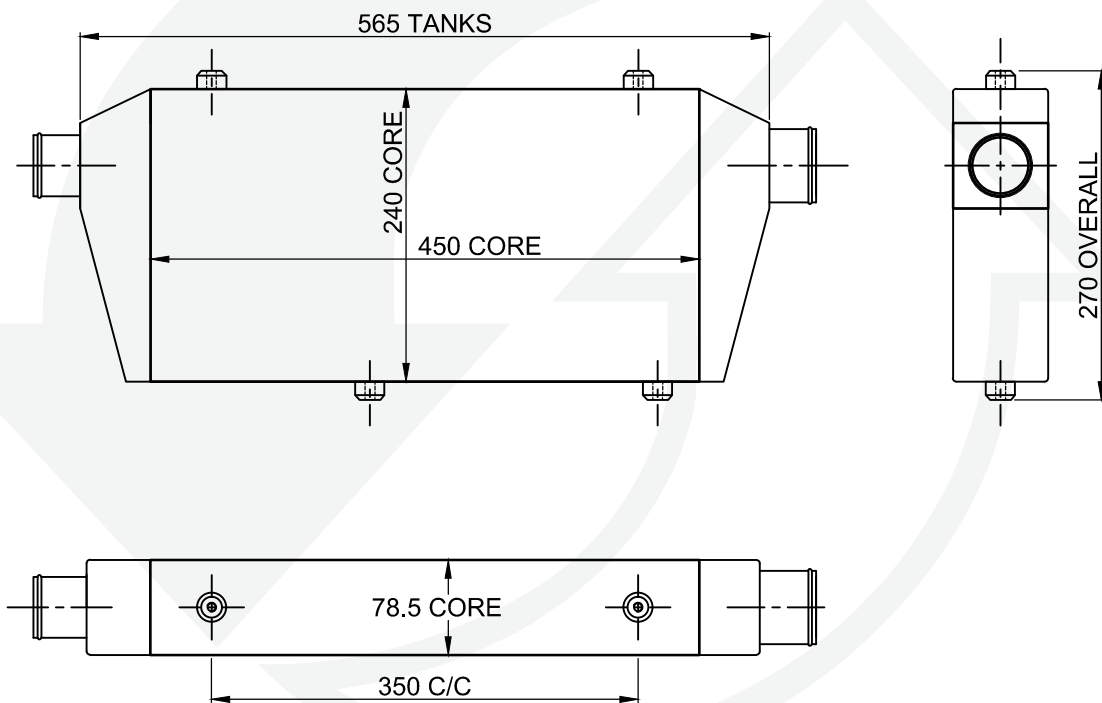


# MINI COOPER S



PART NUMBER: INT530MIN1COM

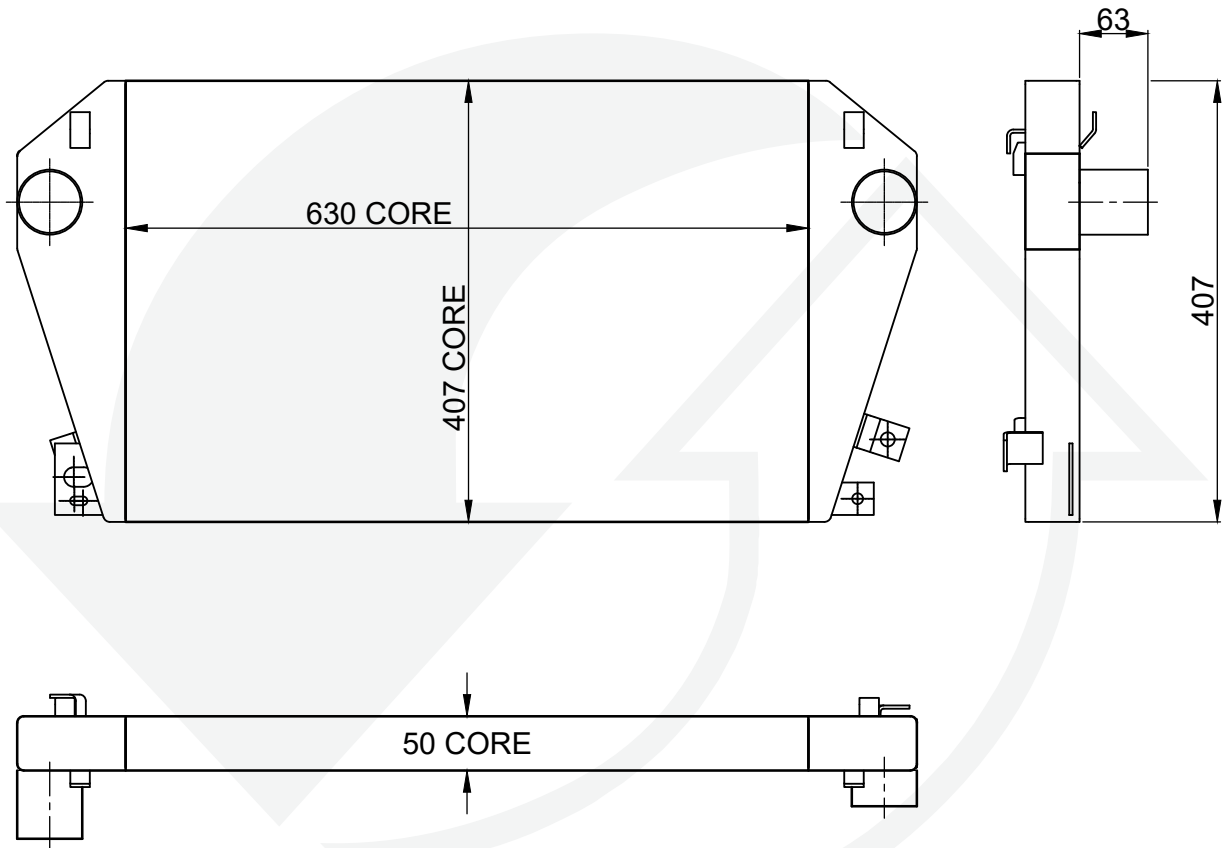
# TOYOTA HILUX D4D



PART NUMBER: INT450TOY1COM

INTERCOOLER

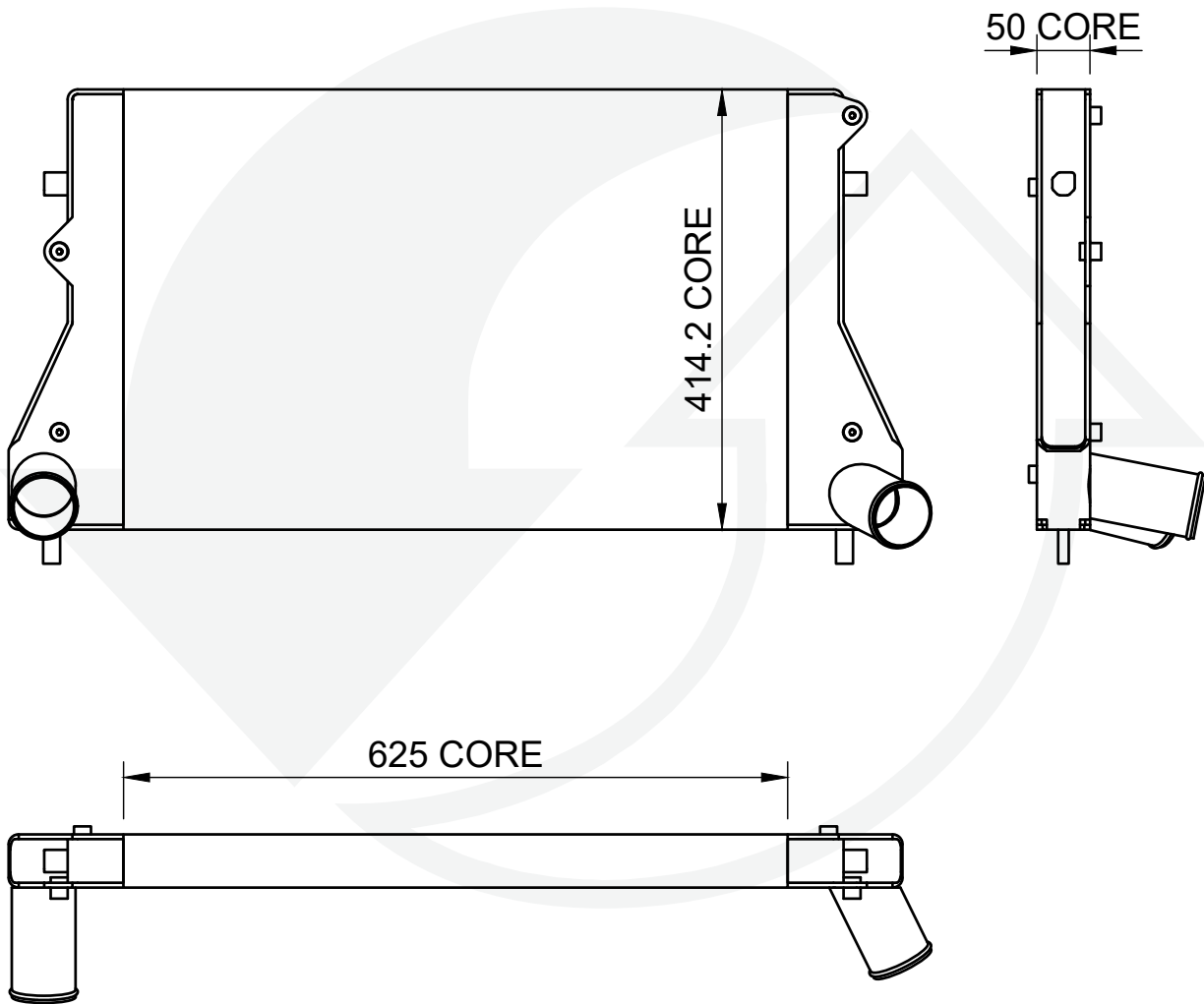
# VOLKSWAGEN AMAROK 2.0 TDI



PART NUMBER: INT630VW1COM

INTERCOOLER

# VOLKSWAGEN CADDY (2004-2019)



PART NUMBER: INT625VW1COM