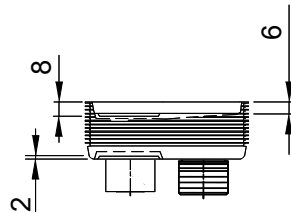
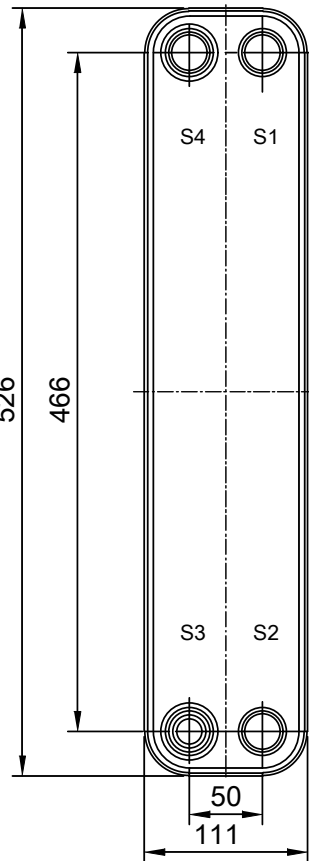
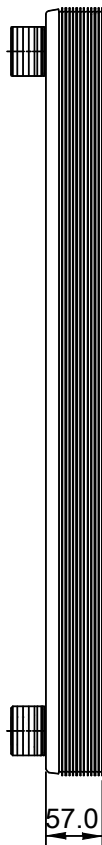
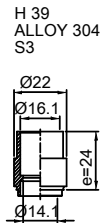
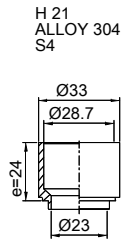
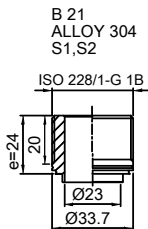


Note that all unique customer requirements (i.e tolerance) need to be verified thru Alfa Laval.



HEATING SURFACE m²
 NETWEIGHT 5.7 kg
 OPERATING WEIGHT kg
 PLATE MATERIAL ALLOY 316
 PLATE GROUPING 1*9M/1*10M

T1 T2 T3 T4 locations on back side correspond to S1 S2 S3 S4 on front side

ALL DIMENSIONS IN MILLIMETERS

SIDE	MEDIA	INLET	TEMP. °C	OUTLET	TEMP. °C	FLOW RATE kg/h	PRESSURE DROP kPa	LIQUID VOL. dm ³
1	Water	S1	°C	S2	°C	kg/h	kPa	1.0 dm ³
2	R134a	S3	°C	S4	°C	kg/h	kPa	0.9 dm ³

PRESSURE VESSEL APPROVAL

PED

AC-70X-20M-F (3287065787)

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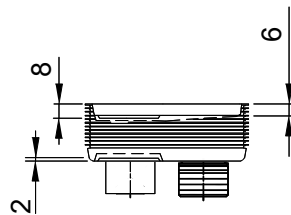
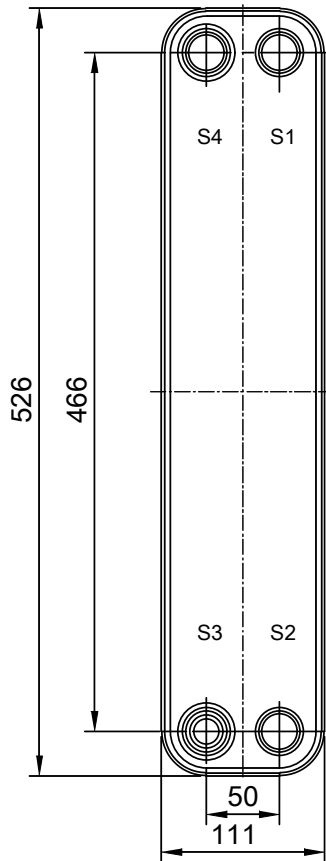
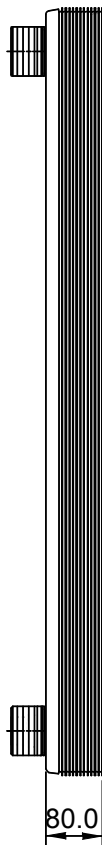
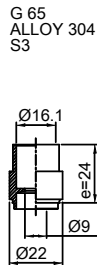
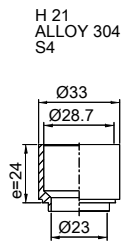
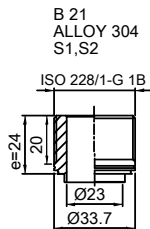
CUSTOMER NAME / REF. NO.

Společnost / Ref.
 E S L, a.s.
 nezávislé výpočty

TOTAL LENGTH 81 mm
 TOTAL WIDTH 111 mm
 TOTAL HEIGHT 526 mm

12.11.2018
 REV 0

Note that all unique customer requirements (i.e tolerance) need to be verified thru Alfa Laval.



HEATING SURFACE m²
 NETWEIGHT 7.5 kg
 OPERATING WEIGHT kg
 PLATE MATERIAL ALLOY 316
 PLATE GROUPING 1*14M/1*15M

T1 T2 T3 T4 locations on back side correspond to S1 S2 S3 S4 on front side

ALL DIMENSIONS IN MILLIMETERS

SIDE	MEDIA	INLET	TEMP. °C	OUTLET	TEMP. °C	FLOW RATE kg/h	PRESSURE DROP kPa	LIQUID VOL. dm ³
1	Water	S1	°C	S2	°C	kg/h	kPa	1.4 dm ³
2	R134a	S3	°C	S4	°C	kg/h	kPa	1.3 dm ³

PRESSURE VESSEL APPROVAL

PED

AC-70X-30M-F (3287065788)

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CUSTOMER NAME / REF. NO.

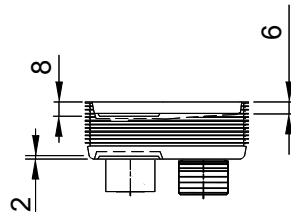
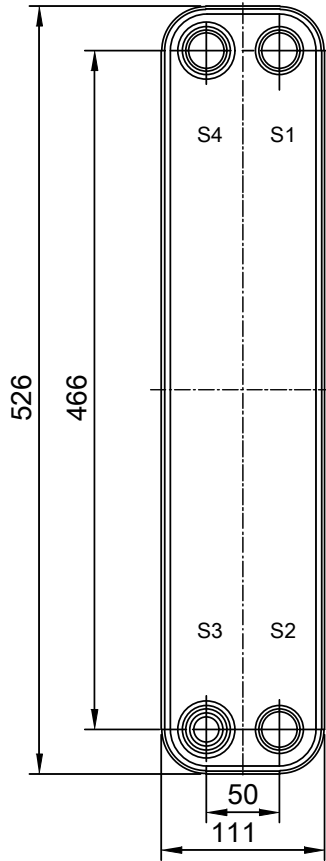
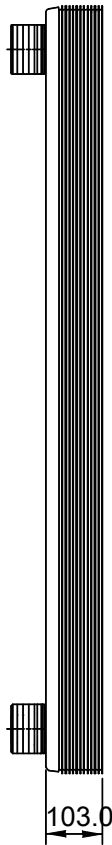
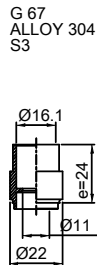
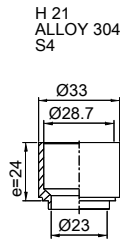
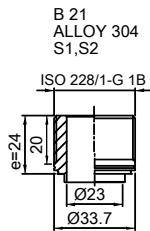
Společnost / Ref.
 E S L, a.s.
 nezávislé výpočty

TOTAL LENGTH 104 mm
 TOTAL WIDTH 111 mm
 TOTAL HEIGHT 526 mm



12.11.2018
 REV 0

Note that all unique customer requirements (i.e tolerance) need to be verified thru Alfa Laval.



HEATING SURFACE m²
 NETWEIGHT 9.3 kg
 OPERATING WEIGHT kg
 PLATE MATERIAL ALLOY 316
 PLATE GROUPING 1*19M/1*20M

T1 T2 T3 T4 locations on back side correspond to S1 S2 S3 S4 on front side

ALL DIMENSIONS IN MILLIMETERS

SIDE	MEDIA	INLET	TEMP. °C	OUTLET	TEMP. °C	FLOW RATE kg/h	PRESSURE DROP kPa	LIQUID VOL. dm ³
1	Water	S1	°C	S2	°C	kg/h	kPa	1.9 dm ³
2	R134a	S3	°C	S4	°C	kg/h	kPa	1.8 dm ³

PRESSURE VESSEL APPROVAL

PED

AC-70X-40M-F (3287065789)

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CUSTOMER NAME / REF. NO.

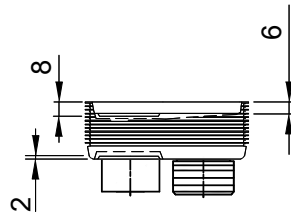
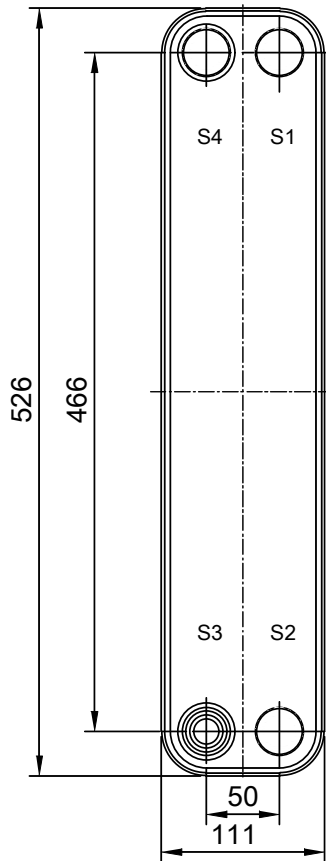
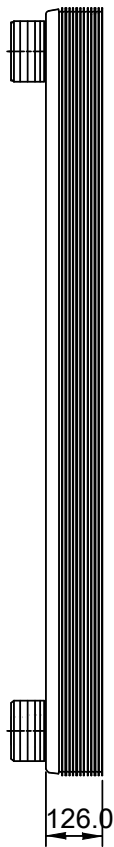
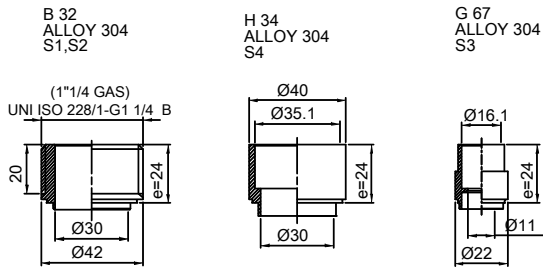
TOTAL LENGTH 127 mm
 TOTAL WIDTH 111 mm
 TOTAL HEIGHT 526 mm

Společnost / Ref.
 E S L, a.s.
 nezávislé výpočty



12.11.2018
 REV 0

Note that all unique customer requirements (i.e tolerance) need to be verified thru Alfa Laval.



HEATING SURFACE m²
 NETWEIGHT 11.2 kg
 OPERATING WEIGHT kg
 PLATE MATERIAL ALLOY 316
 PLATE GROUPING 1*24M/1*25M

T1 T2 T3 T4 locations on back side correspond to S1 S2 S3 S4 on front side

ALL DIMENSIONS IN MILLIMETERS

SIDE	MEDIA	INLET	TEMP. °C	OUTLET	TEMP. °C	FLOW RATE	PRESSURE DROP	LIQUID VOL.
1	Water	S1	°C	S2	°C	kg/h	kPa	2.4 dm ³
2	R134a	S3	°C	S4	°C	kg/h	kPa	2.3 dm ³

PRESSURE VESSEL APPROVAL PED

AC-70X-50M-F (3287065790)

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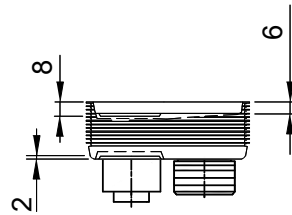
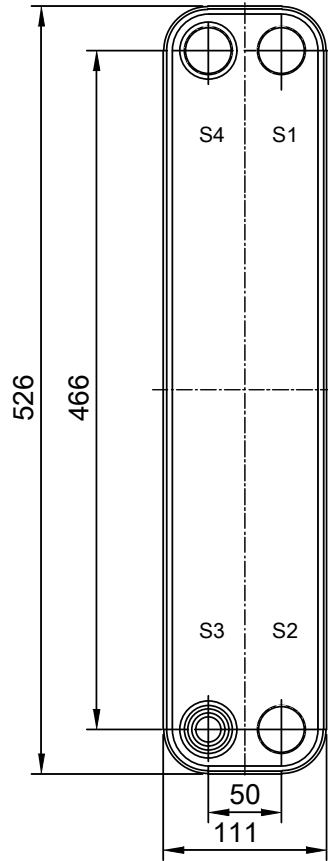
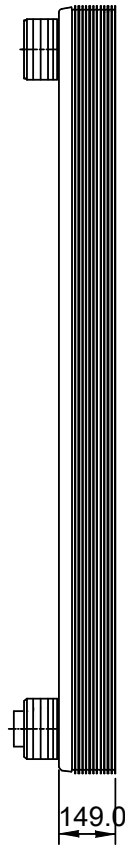
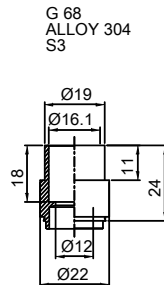
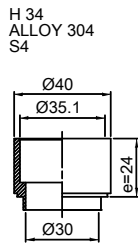
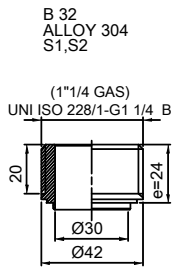
Společnost / Ref.
 E S L, a.s.
 nezávislé výpočty

TOTAL LENGTH 150 mm
 TOTAL WIDTH 111 mm
 TOTAL HEIGHT 526 mm



12.11.2018
 REV 0

Note that all unique customer requirements (i.e tolerance) need to be verified thru Alfa Laval.



HEATING SURFACE m²
NETWEIGHT 13.0 kg
OPERATING WEIGHT kg
PLATE MATERIAL ALLOY 316
PLATE GROUPING 1*29M/1*30M

T1 T2 T3 T4 locations on back side correspond to S1 S2 S3 S4 on front side

ALL DIMENSIONS IN MILLIMETERS

SIDE	MEDIA	INLET	TEMP. °C	OUTLET	TEMP. °C	FLOW RATE	PRESSURE DROP	LIQUID VOL.
1	Water	S1	°C	S2	°C	kg/h	kPa	2.9 dm ³
2	R134a	S3	°C	S4	°C	kg/h	kPa	2.8 dm ³

PRESSURE VESSEL APPROVAL

PED

AC-70X-60M-F (3287065791)

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CUSTOMER NAME / REF. NO.

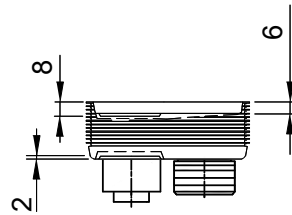
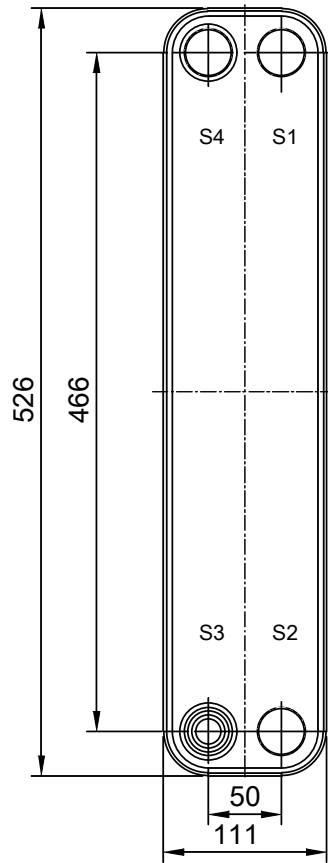
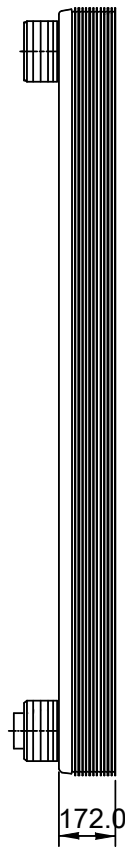
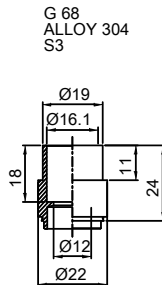
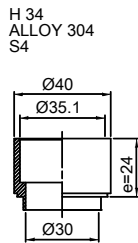
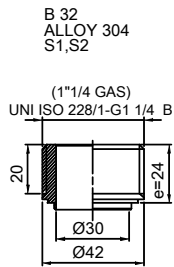
Společnost / Ref.
E S L, a.s.
nezávislé výpočty

TOTAL LENGTH 173 mm
TOTAL WIDTH 111 mm
TOTAL HEIGHT 526 mm



12.11.2018
REV 0

Note that all unique customer requirements (i.e tolerance) need to be verified thru Alfa Laval.



HEATING SURFACE m²
 NETWEIGHT 14.8 kg
 OPERATING WEIGHT kg
 PLATE MATERIAL ALLOY 316
 PLATE GROUPING 1*34M/1*35M

T1 T2 T3 T4 locations on back side correspond to S1 S2 S3 S4 on front side

ALL DIMENSIONS IN MILLIMETERS

SIDE	MEDIA	INLET	TEMP. °C	OUTLET	TEMP. °C	FLOW RATE	PRESSURE DROP	LIQUID VOL.
1	Water	S1	°C	S2	°C	kg/h	kPa	3.3 dm ³
2	R134a	S3	°C	S4	°C	kg/h	kPa	3.2 dm ³

PRESSURE VESSEL APPROVAL

PED

AC-70X-70M-F (3287065792)

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CUSTOMER NAME / REF. NO.

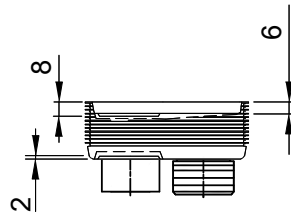
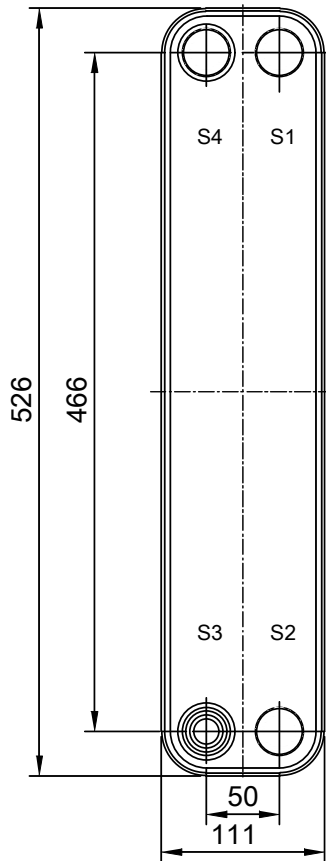
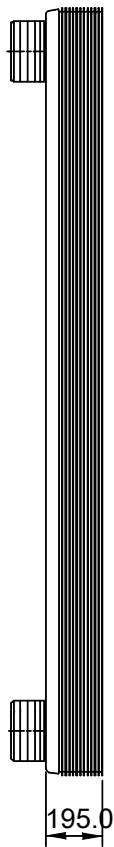
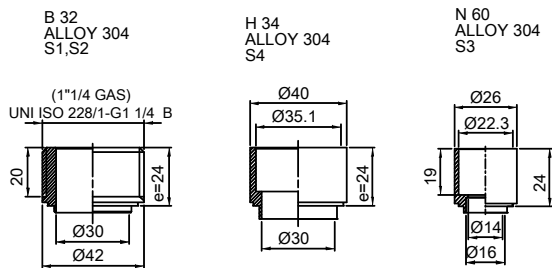
Společnost / Ref.
 E S L, a.s.
 nezávislé výpočty

TOTAL LENGTH 196 mm
 TOTAL WIDTH 111 mm
 TOTAL HEIGHT 526 mm



12.11.2018
 REV 0

Note that all unique customer requirements (i.e tolerance) need to be verified thru Alfa Laval.



HEATING SURFACE m²
NETWEIGHT 16.6 kg
OPERATING WEIGHT kg
PLATE MATERIAL ALLOY 316
PLATE GROUPING 1*39M/1*40M

T1 T2 T3 T4 locations on back side
correspond to S1 S2 S3 S4 on front side

ALL DIMENSIONS IN MILLIMETERS

SIDE	MEDIA	INLET	TEMP.	OUTLET	TEMP.	FLOW RATE	PRESSURE DROP	LIQUID VOL.
1	Water	S1	°C	S2	°C	kg/h	kPa	3.8 dm ³
2	R134a	S3	°C	S4	°C	kg/h	kPa	3.7 dm ³

PRESSURE VESSEL APPROVAL

PED

AC-70X-80M-F (3287065793)

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CUSTOMER NAME / REF. NO.

Společnost / Ref.
E S L, a.s.
nezávislé výpočty

TOTAL LENGTH 219 mm
TOTAL WIDTH 111 mm
TOTAL HEIGHT 526 mm



12.11.2018
REV 0