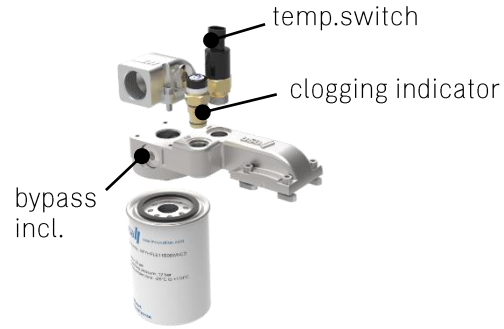
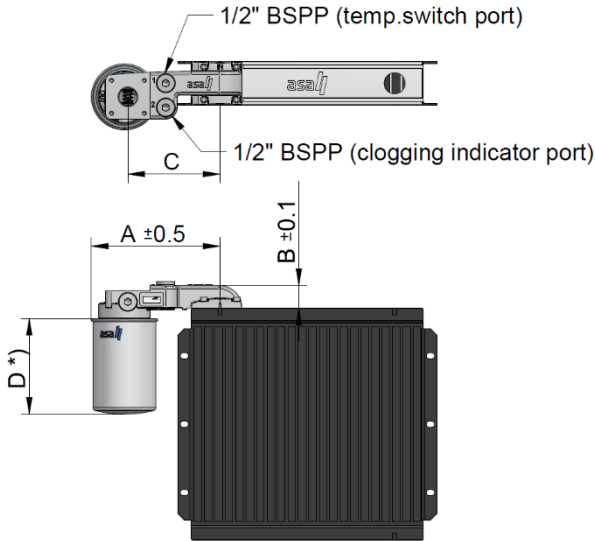


# Thermal Systems, Oil / Air Coolers

## Tank-Filter-Range / H-Set



The H-Set is an optional system to integrate another hydraulic set to the asa rail system. The H-Set currently offers 2 sizes of kits to mount a spin on filter to the cooler application. This is a very compact and cost efficient integration. This system can also be combined with various other filters or the shown configurations. Contact us for further options and assistance to select the optimal product for you.



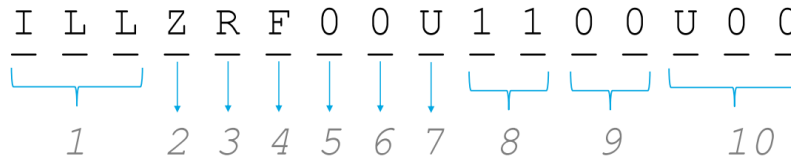
- compact filter integration
- standard spin on filter
- compatible to whole rail series

\*) depending on the make of the filter element

### Dimension

order number	description	filter rating	working pressure	bypass	spin on port	A	B	C	D
		[µm]	[PSI]	[PSI]	[UN]	[in]	[in]	[in]	[in]
ILLZRF11U1110U00	Spin on filter kit rail 10µm, 16gpm	10	145	30	1"-12 UNF	7.42	1.30	5.31	5.75
ILLZRF11U1125U00	Spin on filter kit rail 25µm, 16gpm	25	145	30	1"-12 UNF	7.42	1.30	5.31	5.75
ILLZRF12U1110U00	Spin on filter kit rail 10µm, 26gpm	10	145	30	1"-12 UNF	7.42	1.30	5.31	7.52
ILLZRF12U1125U00	Spin on filter kit rail 25µm, 26gpm	25	145	30	1"-12 UNF	7.42	1.30	5.31	7.52
ILLZRF21U2410U00	Spin on filter kit rail 10µm, 50gpm	10	145	30	1 ½"-16 UN	8.98	1.85	6.30	7.13
ILLZRF21U2425U00	Spin on filter kit rail 25µm, 50gpm	25	145	30	1 ½"-16 UN	8.98	1.85	6.30	7.13
ILLZRF22U2410U00	Spin on filter kit rail 10µm, 60gpm	10	145	30	1 ½"-16 UN	8.98	1.85	6.30	9.45
ILLZRF22U2425U00	Spin on filter kit rail 25µm, 60gpm	25	145	30	1 ½"-16 UN	8.98	1.85	6.30	9.45

### Article Code



#### 1 Product Series

ILL Oil/air coolers

#### 2 Design Type

Z Accessories

#### 3 Design Type

R Rail system

#### 4 Design Type

F Filter

#### 5 Spin on filter size

0 no filter

1 size 1 (Ø3.65 in)

2 size 2 (Ø5.08 in)

#### 6 Spin on filter length

0 no filter

1 filter length (short)

2 filter length (long)

#### 7 Connection standard

U SAE o-ring (UNF)

#### 8 Connection size

11 1"-12 UNF

24 1 ½"-16 UN

#### 9 Filter rating

00 no filter

10 10 µm

25 25 µm

#### 10 Options

Uxx Special / customized specifications, to be advised

U00 standard US sales kit

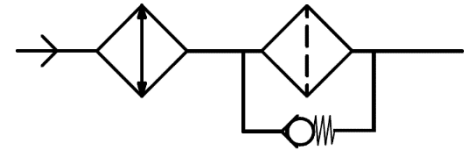
# Thermal Systems, Oil / Air Coolers

## Tank-Filter-Range / H-Set



### Rail-filter Block

material:	aluminium
working temperature range:	-4°F to +212°F (oil temperature)*
Sealing to rail flange:	o-ring NBR
bypass:	incl.30 PSI bar standard setting



### Hydraulic Connection

compatible to	any rail system cooler
---------------	------------------------

### Application

main application	offline circuits, lubrication, cooling and filtration circuits
oil flow	from cooler to filter

### Options

temperature switches	ILLZTH5069KU00, ILLZTH4765KU00, ILLZTH6065KU00
clogging indicator / indication pressure 21.8 PSI	electric: HFZVEG15KU00 N.O. & N.C.contact optical: HFZVOG15KU00



\*...the indicated temperature is the maximum inlet temperature for the cooler radiator.  
Depending on the sealings in use, the application needs appropriate checking.