

Outside evaporator as a sustainable heat source

4 or 6 mm fin spacing ensures longer operation times

Focus on running time, durability & efficiency under any climate condition

## Kelvion FLH (StSt/Al)

# OUTSIDE HEATSOURCE FOR COMFORT INSIDE



### FANS

- ▶ EC Technology IP 55; 3/PE 380-480V 50/60Hz
- ▶ Diameter Ø: 630 & 910 mm
- ▶ Number of fans: 1 - 4 pcs

### HEAT EXCHANGER

- ▶ Tube System: Straight
- ▶ Tube spacing: 50 x 50 mm | Ø 12 mm
- ▶ Material coil block: Stainless steel 304 / Aluminium
- ▶ Fin spacing: [in mm]: A = 4.0 | B = 6.0
- ▶ Single injection via copper pipe for brazing connection

### BENEFITS

- ▶ Inlet- and outlet hoods for wind protection
- ▶ Angled platework, (drip off function).
- ▶ Designed for CO2
- ▶ Latest design efficiency fans, fan ring located inside fanbox
- ▶ Available with 630 and 910 mm fan diameter
- ▶ Parametric design to enable Engineer-to-Order
- ▶ Selected fin spacings ensure long operating times

### DEFROST

DEFROST	COIL	DRIP TRAY
Electric	✓	✓
Hot gas	✓	✓



#### LESS ENERGY CONSUMPTION

Thanks to an energy efficiency driven concept, less defrost power will be required for a full defrost

### KELVION SELECT



Your tool for thermodynamic Heat Exchanger Selection ANYTIME. ANYWHERE.

<https://selectrt.kelvion.com>

### MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE
Aluminum		✓		✓
Copper				
Steel sendzimir zinc-plated			✓	
Stainless Steel	✓		✓	
Powder Coating [RAL 9010]			✓	

☑ Standard execution | ✓ Available as a variant | \* upon request

### CAPACITY RANGE

HFC

13 kW - 143 kW

$t_i=0^\circ\text{C} \mid t_e=-8^\circ\text{C} \mid \text{DT1}=8\text{K} \mid \text{R404A} \mid \text{SC2}$

CO<sub>2</sub>

11 kW - 169 kW

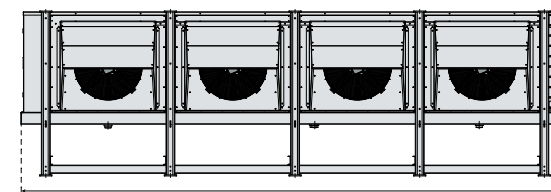
$t_i=0^\circ\text{C} \mid t_e=-8^\circ\text{C} \mid \text{DT1}=8\text{K} \mid \text{R744} \mid 60 \text{ bar}$

NH<sub>3</sub>

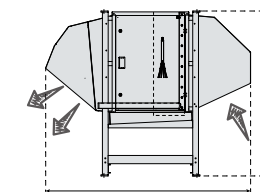
20 kW - 240 kW

$t_i=0^\circ\text{C} \mid t_e=-8^\circ\text{C} \mid \text{DT1}=8\text{K} \mid \text{R717 pump}$

### DIMENSIONS in [mm]



FL.63 = 1.716 - 5.316 | FL.91 = 2.116 - 6.916



FL.63 = 1600 | FL.91 = 1800

FL.63 = 1891-1991  
FL.91 = 2225-2325