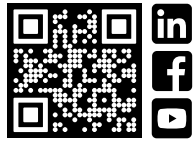




High performance due to application-suited circuit design

Higher specific power, reduced fan speed and air velocity through the coil

Especially suitable for vegetable and fruit storage



www.kelvion.com

Cubic Air Cooler

KELVION VNS: FOR AGRICULTURAL APPLICATIONS



FANS

- ▶ AC Technology
- ▶ EC Technology
- ▶ 60 Hz
- ▶ Fan diameter Ø: 350, 400, 450, 500 mm
- ▶ Number of fans: 1 - 8 pcs

DEFROST

DEFROST	COIL	DRIP TRAY	FAN
Electric	✓	✓	✓
Hot gas		✓	✓
Water		✓	✓
Secondary Circuit			

KELVION SELECT RT



Your tool for thermodynamic Heat Exchanger selection.
ANYTIME.
ANYWHERE.

CAPACITY RANGE

HFC

8.7 kW - 66 kW

$t_{L1}=0^{\circ}\text{C}$ | $t_{G1}=-8^{\circ}\text{C}$ | $DT1=8\text{K}$ | R404A [SC2]

CO₂

13.4 kW - 69 kW

$t_{L1}=0^{\circ}\text{C}$ | $t_{G1}=-8^{\circ}\text{C}$ | $DT1=8\text{K}$ | R744 | 60 bar

MEG

26 kW - 113 kW

$t_{L1}=5^{\circ}\text{C}$ | $t_{in}=-7^{\circ}\text{C}$ | $t_{out}=-4^{\circ}\text{C}$ | E-glycol 37%

HEAT EXCHANGER

- ▶ Coil block: Copper tubes | Aluminium fins
- ▶ Tube System: Aligned - 15 mm o.d.
- ▶ Tube spacing: 50 x 50 mm
- ▶ Fin spacing [in mm]: 7,0
- ▶ Internally plain tubes

OPTIONS

- ▶ Feet for floor mounting
- ▶ Other fin spacings
- ▶ Insulation disks
- ▶ Up to 60 bar with CO₂

MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum		✓	✓	✓	
Copper	✓				
Aluminum Goldlack coating		✓			
Aluminum AIMg		✓		✓	
Steel sendzimir zinc-plated			✓		
Epoxy spray finishing (White)			✓		
Epoxy spray finishing (RAL 9005)					✓
Stainless Steel V2A (304)			✓		✓
Stainless Steel V4A (316)			✓		

✓ Standard execution | ✓ Available as a variant |
* upon request | Casing powder coated (RAL 9010)

DIMENSIONS in [mm]

