

DYNAMIC CONDENSER

WIRE-ON-TUBE

Bundy Refrigeration supplies advanced geometry dynamic wire-on-tube condensers that offer high performance in a compact design.

Our engineers work closely with customers to understand the unique requirements of each application before recommending a specific design configuration.

- Cost efficient wire-on-tube construction
- Optimized for airflow and space constraints
- Supports clean-back design
- Ideal for large capacity systems.

HELICAL

Bundy Refrigeration's helical condensers are ideal for applications where dirt and debris in the environment are a concern.

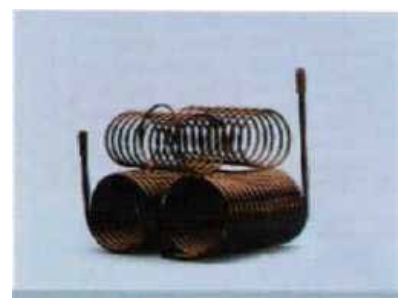
The "spiral formed" tubing and smooth finish provide a low-maintenance condenser for chest freezers, display cases and other outdoor or commercial installations.

- Compact design
- Low maintenance
- Clean-back installations.

WIRE-ON-TUBE



HELICAL



DYNAMIC CONDENSER

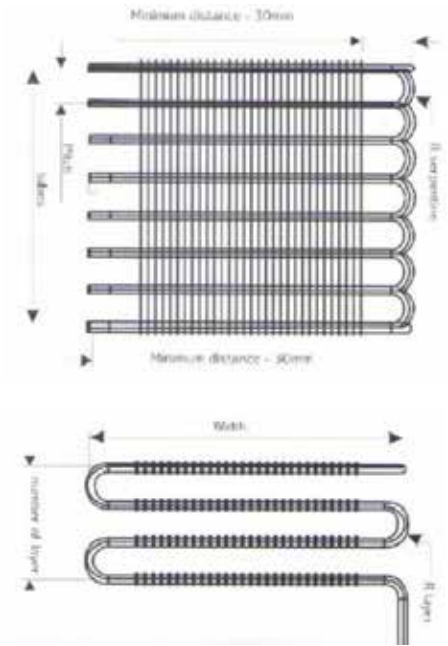
CHARACTERISTICS

WIRE-ON-TUBE

Raw Material

Tubing	Electricwelded steel tube as per SAE J526 - Jan/2000 Aluminium or copper tubing also available
	Standard: $\varnothing 4,76 \pm 0,08 \times \varnothing 0,71 \pm 0,13$ mm $\varnothing 7,94 \pm 0,08 \times \varnothing 0,71 \pm 0,8$ mm
Wire	Low carbon steel wire
	Standard: $\varnothing 1,40 \pm 0,04$ mm
Finish	Standard: : black e-coat painting
	Resistance to red corrosion: 140 hrs salt-spray according to ASTM B117

Custom design specifications are available upon request. Please contact the sales department.



Suggested characteristics for guiding customized design

Standard Radius		Tube Diameter (mm)	Pitch (mm)	Layer Radius (mm)	Suggested Number of Tubes	Maximum Number of Tubes	Layer Width (mm)	Number of Layers
(inch)	(mm)							
1/2	12,70/13,20	7,94	25, 40/26, 40	18,00	6 to 10	10	200 to 300	2 to 4
1/2	12,70	4,76	25,4	12,70	6 to 10	10	150 to 250	2 to 7

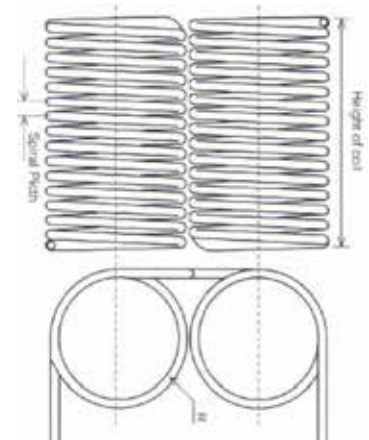
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HELICAL

Raw Material

Tubing	Electricwelded steel tube as per SAE J526 - Jan/2000 Aluminium or copper tubing also available
	Standard size (OD): 9,52 mm (3/8 inch) Other available sizes: 4,76; 6,35; 7,94 mm (3/16, 1/4, 5/16 inch) *See Tubing data sheet for detailed specification
Finish	Standard: : black e-coat painting
	Resistance to red corrosion: 140 hrs salt-spray according to ASTM B117

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Customized condenser

Tower Radius (mm)	Spiral Pitch (mm)	Number of Coils	Maximum Height (m)
41	15	1 or 2	600
56	15	1 or 2	600
62	15	1 or 2	800

We are the name behind the world's leading refrigeration appliances

Bundy delivers safe, high-quality, technology-driven heat transfer and fluid-carrying components to meet the demands of global brands in the refrigeration and household appliance industry.

Every day, Bundy know-how puts more than 60 years of experience to work. With facilities throughout Europe and the Americas, Bundy serves the needs of an industry the world relies on.



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REFRIGERATION

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