rime

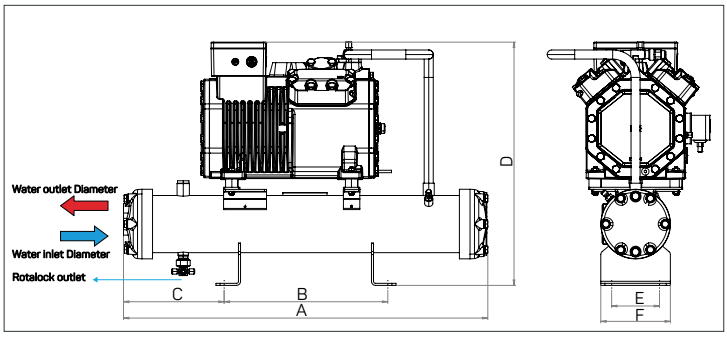
WATER COOLED CONDENSING UNIT

Model: RWUM-B031Y-20R

DATA SHEET

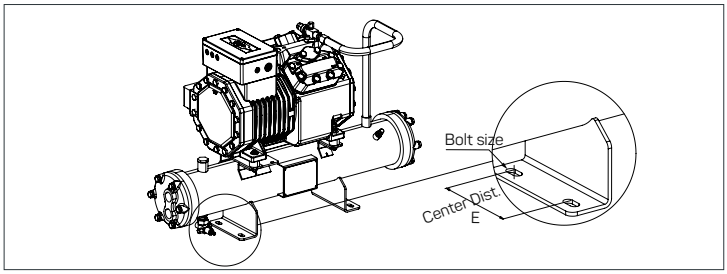
DIMENSIONS TABLE

A	890 mm
B	400 mm
C	244 mm
D	622 mm
E	117 mm
F	410 mm

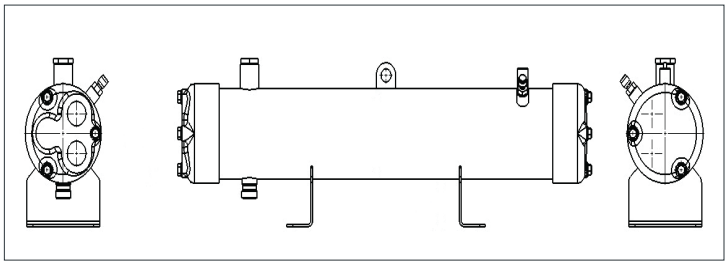


CONNECTIONS & WEIGHT

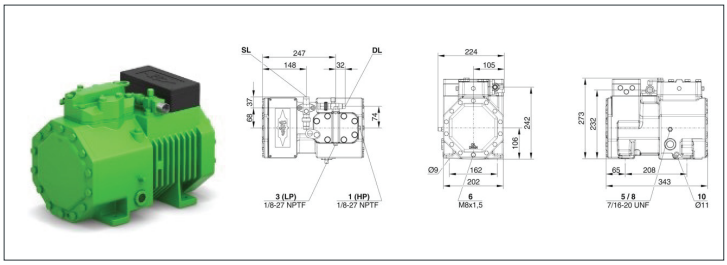
Water Inlet	G 1"
Water Outlet	G 1"
Liquid Refrigerant Outlet	1/2"
Bolt Size	M12
Weight	116 kg



CONDENSER SPECIFICATION



COMPRESSOR SPECIFICATION



CONDENSER MODEL: 20R

Tube Side	
Volume	2.8 L
Max Allowable Pressure	16 bar
Water flow rate	2.2 m^3/h
Pressure drop	7.9 kPa

Shell Side	
Volume	7.5 L
Max Allowable Pressure	30 bar

BITZER COMPRESSOR MODEL: 2DES-3Y-40S

Displacement (1450 RPM 50Hz)	13.42 m^3/h
Max. pressure (LP/HP)	19 / 32 bar
Connection suction line	22 mm – 7/8"
Connection discharge line	16 mm – 5/8"
Motor version	1
Motor voltage	380-420V Y-3-50Hz
Max. Operating current	8.6A
Max. Power input	4.6 kW
Oil Type	BSE32 (Standard)

The rime Water-Cooled Condensing Unit is engineered for reliable, high-efficiency performance in commercial and industrial refrigeration applications. Designed with a compact layout and built using quality-driven components, the unit ensures stable operation, effective heat rejection, and long-term durability under demanding conditions. Our manufacturing capabilities, reflects a commitment to precision, reliability, and building refrigeration solutions that are designed to perform and built to endure.

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