rime

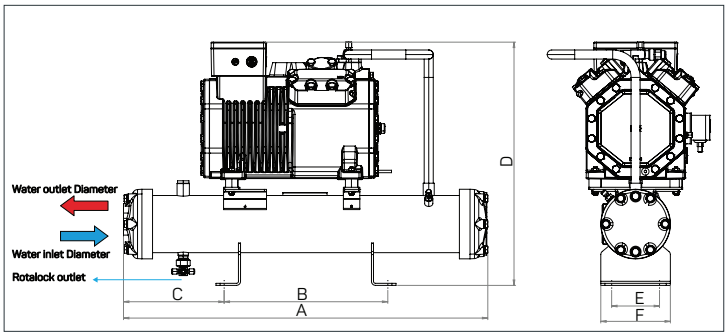
WATER COOLED CONDENSING UNIT

Model: RWUM-B050Y-35RS

DATA SHEET

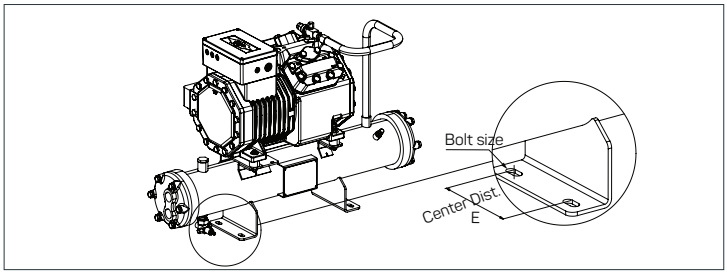
DIMENSIONS TABLE

A	888 mm
B	400 mm
C	244 mm
D	622 mm
E	117 mm
F	370 mm

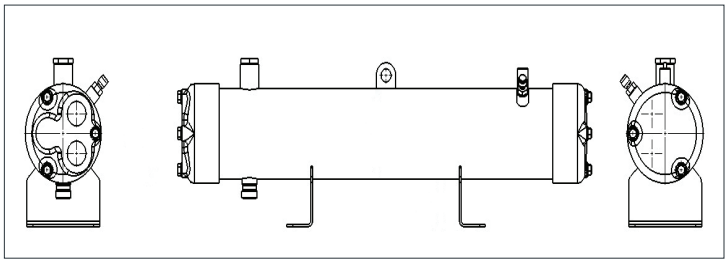


CONNECTIONS & WEIGHT

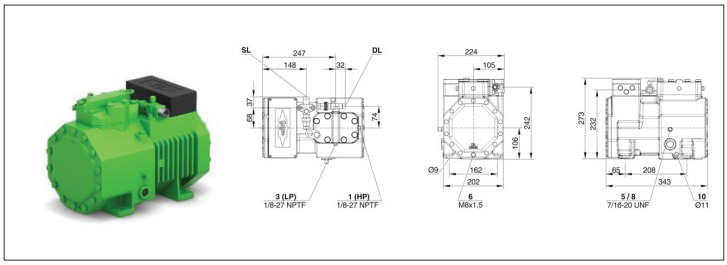
Water Inlet	G 1"
Water Outlet	G 1"
Liquid Refrigerant Outlet	5/8"
Bolt Size	M12
Weight	134 kg



CONDENSER SPECIFICATION



COMPRESSOR SPECIFICATION



CONDENSER MODEL: 35RS

Tube Side	
Volume	3.5 L
Max Allowable Pressure	16 bar
Water flow rate	2.9 m^3/h
Pressure drop	9.2 kPa

Shell Side	
Volume	6.6 L
Max Allowable Pressure	30 bar

BITZER COMPRESSOR MODEL: 4FES-5Y-20D

Displacement (1750 RPM 60Hz)	21.78 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	360-400V Y-3-60Hz
Max. Operating current	13.7 A
Max. Power input	7.0 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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