ULTRAMAX
PIPELINE & FILTRATION SYSTEMS

ULTRAMAX RFD DRYER DATASHEET
(RFD-660)

GENERAL DATA

Type of Cooling	Air Cooled
Condenser Air Flow (m^3/h)	1350
Heat Rejection Capacity Max. @45°CW	5501
Fan Size (mm)	ø350
Number of Condenser Fans	1
Refrigerant Type	R134a
Refrigerant Quantity (kg)	4.5
Compressor Type	Hermetic / Reciprocating
Capacity Control (Cycling or Non-Cycling)	Non-Cycling
Expansion System	Thermostatic Expansion Valve
Heat Exchanger Type	Aluminum Plate in Cylinderical Form
Number of Heat Exchangers	1
Suction Line Accumulator Size (lt)	2
Liquid Receiver Size (lt)	5
Drain Type	Solenoid Valve
Drain Control Type	Electronic Controller
Noise Level (db)	<70
Filter Allocation and Type	Integrated - GK01210M X/Y

DESIGN CONDITIONS

Max Rated Air Flow 35°C 7 barg, 25°C Ambient Temperature (Nm^3/h)	660
Relative Humidity (%)	100
Max. Ambient Temperature (°C)	50
Max. Ambient Temperature (°C)	5
Max. Inlet Temperature (°C)	60
Max. Working Pressure (barg)	16

PERFORMANCE DATA

Humidity and Liquid Water Class	ISO8573.1 Class 4 (dew point ≤3°C)
Pressure Drop (mbar)	100
At 35°C Inlet, Air Temp at Dryer Outlet °C	25 - 30

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RFD-498

ELECTRICAL DATA	
Voltage(Volt/Phase/Hz)	230V / 1 / 50 Hz
Total Installed Power (kW) **	1.83
Nominal Operating Ampcity (A) **	8.99
Min. Circuit Ampcity - MCA (A)	11.35
Locked Rotor Amper - LRA (A)	47.6
Controller Type	DigiPro
Electrical Protection Class according IEC	IP 54
Fuse (A)	12 (will be provided by the user.)

SIZE / DIMENSIONS / WEIGHT DATA	
Length (mm)	948
Width (mm)	728
Height (mm)	1370
Weight (kg)	220

PIPING CONNECTIONS	
Connection Size	2″
Drain Connection Size	1/2″

**Average power consumption (kW, A) is based on 0°C evaporation, 45°C condensation temperature.