

UMC001 RF45CNFE1021410001

REMOTE CONDENSING UNIT - AIR - 3N-AC 400 V - 50 HZ



UNIT FEATURES

- Machine control with compressor start via 12V signal
- White painted steel fairing
- Standard version (max outdoor temperature +38°C), minimum outdoor temperature -10°C
- Anti-vibration feet
- Dorin semi-hermetic compressors
- Crankcase heater
- Kriwan protection with manual reset
- Copper tube capacitor and aluminum fins
- Liquid separator
- Filter drier with tap downstream of it
- Nitrogen-precharged circuit and pipe ends closed by welding (plugs or stapling)
- Liquid indicator
- Double safety pressure switch with manual reset
- Vibration damper on the delivery and return line
- Condenser fans with fan speed variator (phase cut or electronic)
- Closed carton packaging
- Alarm lights: UMC power indication; compressor running indication; pressure alarm (high/low); compressor alarm; oil pressure alarm
- Magnetermic switch
- No.2 dry contacts for alarms (compressor thermal and Kriwan protection) + (high, low pressure and oil pressure switches)

UNIT OPTIONS

- Tropicalized version (outdoor temperature max +43°C)
- Soundproof version
- Oil separator
- Low temperature kit (UMC operation down to -30°C)

GENERALS

Compressor Manufacturer	Dorin	
Compressor	H751CS	
Compressor start	Diretta	
Power supply voltage	V/Ph/Hz	400/3N~/50
Refrigerant - Type	R452a	

TECHNICAL CHARACTERISTICS

Cooling Type	Aria	
No. condenser fans	2	
Condenser fan diameter	mm	450 inch 17.7
Condenser air flow rate	m3/h	9800 ft3/h 346087.0
Frame	1	
Liquid receiver volume	Lt	13
UMC gas pipes	ø - mm	35 ø - inch 1.4
UMC liquid pipes	ø - mm	16 ø - inch 0.6
Width	mm	1415 inch 55.7
Depth	mm	1010 inch 39.8
Height	mm	885 inch 34.8
Package width	mm	1465 inch 57.7
Package depth	mm	1065 inch 41.9
Package height	mm	1105 inch 43.5
Weight	Kg	265 lbs 584.3
Weight with package	Kg	295 lbs 650.5

PERFORMANCE

Cooling capacity (T. evap. -25°C T. cond. +45°C) EN12900	kW	9.29	
Max electric power	kW	11.89	
Max consumption	A	21.7	
Min ext temperature	°C	-10	°F -13.00
Max ext temperature (T. evap. = 0°C)	°C	38	°F 203.00
Sound pressure level at 10 m	dB(A)	51	

