

	Model Name		MDDF-20DEN7-QA3-(W)
Power supply	Voltage type		220_240V_1Ph
	Supply frequency		FREQUENCY_50HZ
Performance	Moisture removal (30°C/80%)	L/day	20
	Input (30°C/80%)	W	360
	Current (30°C/80%)	A	2.1
	EEV (30°C/80%)	L/kWh	2.3
	Moisture removal (27°C/60%)	L/day	10
	Input (27°C/60%)	W	280
	Current (27°C/60%)	A	1.7
	DER (27°C/60%)	L/kWh	1.5
	Moisture removal (US)	pint/day	0
SEEV (Korea)	L/kWh	0	
Rated Power Input	Rated Power Input	W	440
Rated Current	Rated Current	A	2.3
Starting current	Starting current	A	10
Plug type	Plug type		VDE
	Power cord type		0.75x3
Control type	Control type		Electronic Control
System data	Air flow (Hi)	m3/h	168
	Air flow (Mi)	m3/h	125
	Air flow (Lo)	m3/h	99
	Front side sound pressure level(Hi)	dB(A)	46
	Front side sound pressure level(Mi)	dB(A)	43
	Front side sound pressure level(Lo)	dB(A)	41
	Rear side sound pressure level(Hi)	dB(A)	50
	Sound power level(Hi)	dB(A)	0
	Standby power consumption	W	3
	Water tank volume	L	3
Applicable ambient	RH Range manual	%	35-85
	Ambient temp	°C	5-32
Application area	Applicable_aera_Min	m2	37
	Applicable_aera_Max	m2	52
Refrigerant	Refrigerant type		R290
	Refrigerant charge		0.07
	Refrigerant charge unit		kg
	GWP(EU)		3
Design pressure	CO2 Quantity(EU)		0.000225
	Suction design pressure	Mpa	1.0
Dimension(W*D*H)	Discharge design pressure	Mpa	2.6
	Body_Length(W)	mm	350
	Body_Width(D)	mm	245
Packing(W*D*H)	Body_Height(H)	mm	510
	Packing_Width(W)	mm	380
	Packing_Depth(D)	mm	298
Net/Gross weight	Packing_Height(H)	mm	530
	Net weight	kg	14.3
Loading quantity 20'GP	Gross weight	kg	15.2
	Loading quantity_20'GP	set	480
	Loading quantity_40'GP	set	976
Compressor	Loading quantity_40'HQ	set	1220
	Model		DFR50HF
	Type		RECIPROCATING
	Brand		DANFU
	Capacity	W	680
	Input	W	257
	Rated current	A	1.6
	LRA(Locked rotor amp)	A	10
	Thermal protector		HPA110
	Thermal protector position		INTERNAL
Refrigerant oil/oil charge	mL	RF22S 190ml	
Fan motor	Model		YKT-12-4-1-5
	Speed(Hi/Mi/Lo)	r/min	960/860/680
	Capacitor	µF	1.2
	Capacitor class		P2
Evaporator	Insulation class		B
	Number of rows		2
	Tube outside dia.	mm	Φ7
	Tube outside type		Inner groove tube
	Tube pitch(a)x row pitch(b)	mm	21x13.37
	Fin spacing	mm	1.3
	Fin type (code)		Hydrophilic aluminum
	Coil length x height x width	mm	230x189x26.74
Condenser	Number of circuits		1
	Number of rows		2
	Tube outside dia.	mm	Φ5
	Tube outside type		Inner groove tube
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6
	Fin spacing	mm	1.2
	Fin type (code)		Unhydrophilic aluminium
Coil length x height x width	mm	230x175.5x23.2	
Number of circuits		1	