



## ESPECIFICACIONES TÉCNICAS

### MINISPLIT ON-OFF SERIE CL SOLO FRÍO

Model	--	FT-N12CL116 R-N12CL116	FT-N12CL216 R-N12CL216	FT-N18CL216 R-N18CL216	FT-N24CL216 R-N24CL216
Rated Voltage	V~	115	220	220	220
Rated Frequency	Hz	60	60	60	60
Phases	--	1	1	1	1
Power Supply Mode	--	Indoor	Indoor	Indoor	Indoor
Cross-sectional Area of Power Cable Conductor	mm <sup>2</sup>	2.50	1.00	1.50	2.50
Recommended Power Cable(Core)	N	3.00	3.00	3.00	3
Min/Max. Voltage	V	103.5/126.5	185/242	185/242	185-242
Cooling Capacity	W	3517	3517	5275	7034
Cooling Capacity	Btu/h	12000	12000	18000	24000
Cooling Power Input	W	1180	1200	1765	2400
Rated Input	W	1500	1520	2150	2700
Cooling Current Input	A	10.26	5.45	8.2	10
Rated Cooling Current	A	13.04	7.48	10.9	15
EER	W/W	2.98	2.93	2.99	2.93
EER	(Btu/h)/W	10.17	10.00	10.20	10.00
Air Flow Volume(SS)	m <sup>3</sup> /h	550	550	900	1200
Air Flow Volume(SS)	CFM	324	324	530	706
Air Flow Volume(H)	m <sup>3</sup> /h	460	460	855	1060
Air Flow Volume(H)	CFM	271	271	503	624
Air Flow Volume(M)	m <sup>3</sup> /h	380	380	825	930
Air Flow Volume(M)	CFM	224	224	486	547
Air Flow Volume(L)	m <sup>3</sup> /h	300	300	765	800
Air Flow Volume(L)	CFM	177	177	450	471
Dehumidifying Volume	L/h	1.40	1.20	1.8	2
Dehumidifying Volume	Pint/h	2.96	2.54	3.80	4.23
Application Area	m <sup>2</sup>	16-24	16-24	23-34	27-42
Remote Controller Model	--	YX1F	YX1F	YX1F	YX1F
Indoor Unit Model	--	FT-N12CL116	FT-N12CL216	FT-N18CL216	FT-N24CL216
Indoor Unit Fan Type	--	Cross-flow	Cross-flow	Cross-flow	Cross-flow
Indoor Unit Fan Diameter Length(DxL)	mm	φ98×580	φ98×580	φ106×706	108×830
Cooling Speed	r/min	1450/1200/1050/800	1450/1200/1050/800	1350/1200/1050/900	1300/1150/1000/850
Indoor Unit Fan Motor Power Output	W	20.00	20.00	35	35
Indoor Unit Fan Motor RLA	A	0.40	0.22	0.35	0.32
Indoor Unit Fan Motor Capacitor	μF	4.00	1.00	2.5	3
Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Evaporator Pipe Diameter	mm	φ5	φ5	φ7	φ7
Evaporator Row-fin Gap	mm	2-1.4	2-1.4	2-1.4	2-1.4
Swing Motor Model	--	MP24AA	MP24AA	MP35CJ	MP35CJ
Swing Motor Power Output	W	1.50	1.50	2.50	2.50
Fuse Current	A	3.15	3.15	3.15	3.15
Set Temperature Range	°C	16~30	16~30	16~30	16~30
Set Temperature Range	°F	61~86	61~86	61~86	61~86
Indoor Unit Sound Pressure Level (SS)	dB (A)	43	43	47	50
Indoor Unit Sound Pressure Level (H)	dB (A)	38	38	44	46
Indoor Unit Sound Pressure Level (M)	dB (A)	35	33	40	42
Indoor Unit Sound Pressure Level (L)	dB (A)	28	28	36	38
Indoor Unit Sound Power Level (SS)	dB (A)	53	53	57	60
Indoor Unit Sound Power Level (H)	dB (A)	48	48	54	56
Indoor Unit Sound Power Level (M)	dB (A)	45	43	50	52
Indoor Unit Sound Power Level (L)	dB (A)	38	38	46	48
Indoor Unit Dimension (W)	mm	790	790	970	1078
Indoor Unit Dimension (H)	mm	200	200	300	325
Indoor Unit Dimension (D)	mm	275	275	224	246
Indoor Unit Dimension of Carton Box (L)	mm	850	850	1038	1145
Indoor Unit Dimension of Carton Box (W)	mm	339	339	380	410
Indoor Unit Dimension of Carton Box (H)	mm	262	262	305	335
Indoor Unit Dimension of Package(L)	mm	852	852	1041	1148
Indoor Unit Dimension of Package(W)	mm	355	355	383	413
Indoor Unit Dimension of Package(H)	mm	273	273	320	350
Indoor Unit Stacked Layers	--	7.00	7	7	7
Indoor Unit Net Weight	kg	9	9	13.5	16.5
Indoor Unit Net Weight	lb	19.85	19.85	29.77	36.38
Indoor Unit Gross Weight	kg	11	11	16.5	20
Indoor Unit Gross Weight	lb	24.26	24.26	36.38	44.10
Outdoor Unit Model	--	R-N12CL116	R-N12CL216	R-N18CL216	R-N24CL216
Compressor Type	--	Rotary	Rotary	Rotary	Rotary
Compressor Locked Rotor Amp (L.R.A)	A	47.00	30.00	39.00	53.00
Compressor Rated Load Amp (RLA)	A	9.45	5.10	7.90	9.80
Compressor Power Input	W	1045.00	1090.00	1680.00	2120.00
Compressor Overload Protector	--	Internal UP3-08	Internal UP3-03 or HPA-430	Internal(UP3-A6)	internal

Outdoor Unit Fan Type	--	Axial-flow	Axial-flow	Axial-flow	Axial-flow
Outdoor Unit Fan Diameter	mm	394.50	394.50	φ400	460.00
Outdoor Unit Fan Motor Speed	rpm	850.00	850.00	920.00	893.00
Outdoor Unit Fan Motor Power Output	W	30.00	30.00	40.00	68.00
Outdoor Unit Fan Motor RLA	A	0.7	0.34	0.48	0.89
Outdoor Unit Fan Motor Capacitor	μF	7.00	2.50	2.50	3.00
Outdoor Unit Air Flow Volume	m3/h	1600.00	1600.00	1800.00	2800.00
Outdoor Unit Air Flow Volume	CFM	941.60	941.60	1059.30	1647.80
Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Condenser Rows-fin Gap	mm	1-1.3	1-1.4	2-1.4	1-1.4
Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.30	4.30	4.30	4.30
Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5	2.5	2.5
Maximum Allowable Pressure	MPa	6.0	4.3	4.3	4.3
Cooling Operation Ambient Temperature Range	℃	18~43	18~43	18~43	18~43
Cooling Operation Ambient Temperature Range	℉	64~114	64~114	64~109	64~109
Throttling Method	--	Capillary	Capillary	Capillary	Capillary
Climate Type	--	T1	T1	T1	T1
Isolation	--	I	I	I	I
Moisture Protection	--	IP24	IP24	IP24	IP24
Outdoor Unit Sound Pressure Level (H)	dB (A)	50	50	53	54
Outdoor Unit Sound Power Level (H)	dB (A)	60	60	63	64
Outdoor Unit Dimension (W)	mm	776	776	848	913
Outdoor Unit Dimension (H)	mm	540	540	540	680
Outdoor Unit Dimension (D)	mm	320	320	320	378
Outdoor Unit Dimension of Carton Box (L)	mm	820	820	878	994
Outdoor Unit Dimension of Carton Box (W)	mm	355	355	360	428
Outdoor Unit Dimension of Carton Box (H)	mm	580	580	580	725
Outdoor Unit Dimension of Package(L)	mm	823	823	881	997
Outdoor Unit Dimension of Package(W)	mm	358	358	363	431
Outdoor Unit Dimension of Package(H)	mm	595	595	595	740
Outdoor Unit Stacked Layers	--	5	5	5	4
Outdoor Unit Net Weight	kg	27	27	33.5	48
Outdoor Unit Net Weight	lb	59.54	59.54	73.8675	105.84
Outdoor Unit Gross Weight	kg	29.5	29.5	36	52
Outdoor Unit Gross Weight	lb	65.05	65.05	79.38	114.66
Refrigerant	--	R410A	R410A	R410A	R410A
Refrigerant Charge	kg	0.53	0.63	0.78	1.25
Refrigerant Charge	oz	18.70	22.23	27.5184	44.1
Connection Pipe Length	m	5.00	5.00	5	5
Connection Pipe Length	ft	16.40	16.40	16.40	16.40
Connection Pipe Gas Additional Charge	g/m	15.00	20.00	15.00	15.00
Connection Pipe Gas Additional Charge	oz/ft	0.16	0.22	0.16	0.16
Outer Diameter of Liquid Pipe	mm	φ6	φ6	φ6	φ6
Outer Diameter of Liquid Pipe	inch	1/4"	1/4"	1/4"	1/4"
Outer Diameter of Gas Pipe	mm	φ12	φ12	φ12	φ16
Outer Diameter of Gas Pipe	inch	1/2"	1/2"	1/2"	5/8"
Max Distance Height	m	10.00	10.00	10.00	10.00
Max Distance Height	ft	32.81	32.81	32.81	32.81
Max Distance Length	m	20.00	20.00	25.00	25.00
Max Distance Length	ft	65.62	65.62	82.02	82.02
Loading Quantity (20' Container)	unit	115	115	84	55
Loading Quantity (40' Container)	unit	234	234	173	120
Loading Quantity (40' High Cube Container)	unit	263	263	208	140
Automatic Operation		YES	YES	YES	YES
Cooling		YES	YES	YES	YES
Dehumidify		YES	YES	YES	YES
Fan		YES	YES	YES	YES
Sleep Mode		Normal sleep mode	Normal sleep mode	Normal sleep mode	Normal sleep mode
Auto Swing(Vertical Auto Swing)		YES	YES	YES	YES
Auto Fan		YES	YES	YES	YES
Several Optional Filters (eg: Active Carbon)		Optional	Optional	YES	Optional
Timer		YES	YES	YES	YES
Auto Restart		YES	YES	YES	YES
Turbo		YES	NO	YES	YES
Self Diagnosis		YES	YES	YES	YES
Lock		YES	YES	YES	YES
LCD (No Back Light)		YES	NO	YES	NO
LED		YES	YES	YES	YES
Turbo Cooling		YES	YES	YES	YES
Multi Speeds		Speed 4~5	Speed 4~5	Speed 4~5	Speed 4~5

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