

EVOLUTION1 refrigerated cabinets

GN



GENERAL CHARACTERISTICS

Monoblock construction with internal and external finish in AISI 304 18/10 stainless steel (Scotch-Brite satin finish)
 External back panel in prepainted steel
 External base panel in AISI 304 steel
 Internal die-formed leakproof floor
 75 mm thick insulation in water-based polyurethane foam with density approx. 42 kg/m³
 Copper evaporator coil with aluminium fins protected against corrosion with non-toxic paint finish
 Painted steel condenser coil with high thermal efficiency
 Relative humidity adjustment (min/max - RH%)
 Magnetic gasket on the four sides and counter-magnet on the gasket ledges
 Door in AISI 304 18/10 stainless steel (Scotch-Brite satin finish)
 Self-closing door with block in open position at 100°
 Ergonomic full-height door handle
 Stainless steel feet Ø 2" adjustable H 150-180 mm

INTERNAL SET-UP

Uprights and 'C' guides in AISI 304 18/10 stainless steel, removable without the use of tools for easy cleaning

REFRIGERATION UNIT

Electrical connection using Schuko plug 230V/1P/50Hz
 Monoblock ceiling system to enable use of the entire refrigerated volume
 Monoblock chiller unit removable from above for simple and easy servicing and replacement
 Refrigerant R134a for TN units and R404A for BT units

Controlled forced-air cooling system to guarantee the maximum efficiency and uniformity throughout the cabinet
 Automatic defrost cycles for energy savings
 Defrost water evaporation system with superheated gas
 For appliances with remote cooling unit, defrost water evaporation by means of thermostatic resistor

CONTROLS AND SAFETY DEVICES

Control for adjusting the relative humidity inside the cabinet from a minimum to a maximum
 Control equipped with cabinet probe and evaporator probe
 Compressor protected by overheat cut-out with automatic reset
 Evaporator fan stops automatically when door is opened
 Door lock with key on request
 Alarm signalling: HACCP, AH/AL (high/low temperature), Door Open

HACCP

The new control responds to the strictest HACCP regulations, storing and signalling the high and low temperature alarms both onboard and in remote
 The alarms and the operating data can be viewed a PC using dedicated software

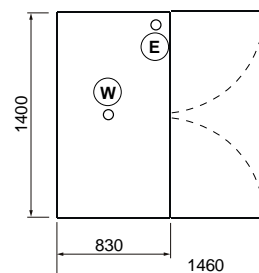
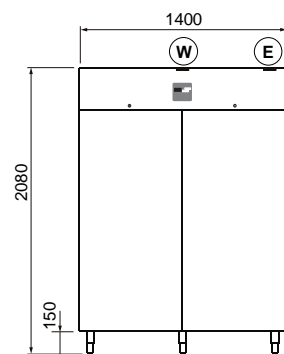
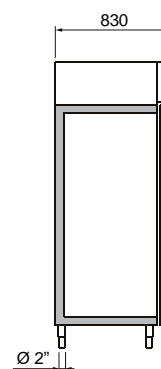
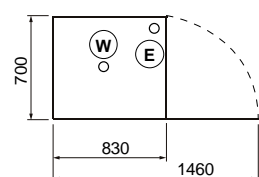
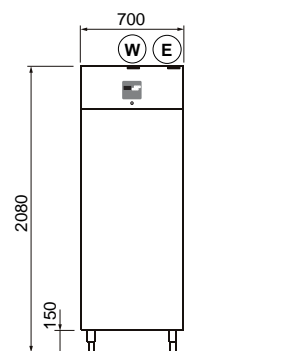
VERSIONS - OPTIONALS

Water-cooled unit
 Factory setting with remote cooling unit
 RH/LH door inversion kit
 Set of castors



ARMADI REFRIGERATI EVOLUTION 1 EVOLUTION1 REFRIGERATED CABINETS

Modello / model		AR7	AR7	AF7	AR14	AR14	AF14
Controllo / control		TN	TNN	BT	TN	TNN	BT
Dimensioni	LxPxH mm	700x830x2080			1400x830x2080		
Dimensions	[WxDxA] [in]	[27.6x32.7x81.9]			[55.1x32.7x81.9]		
Larghezza luce porta	LxH mm	550x1480			1250x1480		
Door opening width	WxA [in]	[21.7x58.3]			[49.2x58.3]		
Profondità interna	P mm	710					
Internal depth	D [in]	[28]					
Profondità con porta 90°	mm	1460					
Depth with 90° door	[in]	[57.5]					
Porte intere / Doors	n°	1	1	1	2	2	2
½ porte / Half doors	n°	-	-	-	-	-	-
Spessore	mm	75					
Thickness	[in]	[3.0]					
Classe climatica / Climatic class		5					
Capacità / Capacity	l	617	617	617	1330	1330	1330
Temperatura di esercizio	°C	0/+10	-2/+10	-21/-18	0/+10	-2/+10	-21/-18
Operating temperature							
Refrigerante	gas	R134a	R134a	R404A	R134a	R134a	R404A
Refrigerant							
Capacità refrigerazione	W	245 (*)	245 (**)	452 (***)	353 (*)	353 (**)	642 (***)
Refrigeration capacity							
Alimentazione elettrica	V/~Hz	230/1/50			230/1/50-60		230/1/50
Electric power supply							
Potenza elettrica / Max input electric power	W	285	365	550	420	615	775
Compressore / Compressor	HP	-	-	-	-	-	-
Corrente max / Max abs. current	A	1,8	2,0	3,9	2,8	2,8	4,0
Consumo energetico (norma ISO15502)	kWh/24h	-	1,75	4,50	-	3,10	10,10
Energy Consumption (ISO15502 reg.)							
Potenza elettrica Predisposto	W	-	-	-	-	-	-
Input electric Power R.Unite							
Corrente max Predisposto	A	-	-	-	-	-	-
Max abs. Current UR							
Potenza refrigerazione Predisposto	W	-	-	-	-	-	-
Refrigeration power Remote Unite							
Dotazione interna (griglie)	n°	3 GN2/1	3 GN2/1	3 GN2/1	6 GN2/1	6 GN2/1	6 GN2/1
Internal fittings (shelves)							
Predisposizione Baking		-	-	-	-	-	-
Baking equipped							
Dimensioni imballo	LxPxH mm	740x890x2220			1450x890x2220		
Packing dimensions	[WxDxA] [in]	[29.1x35x87.4]			[57.1x35x87.4]		
Peso Netto	kg	117	117	124	191	191	200
Net weigh	lb	258	258	273	421	421	441
Rumorosità / Noise level	dB(A)	< 70					



- (E) Connessione elettrica
Electrical connection
- (W) Connessione idrica
Plumbing connection

UNITÀ REMOTA / REMOTE UNIT

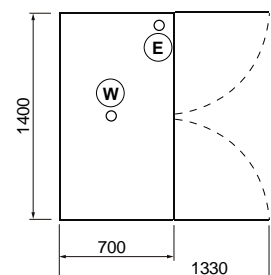
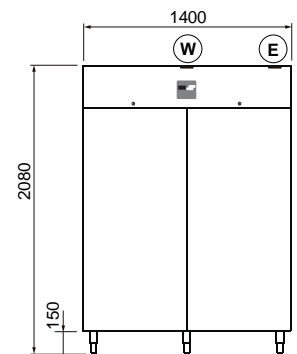
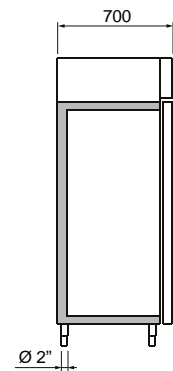
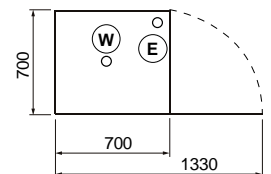
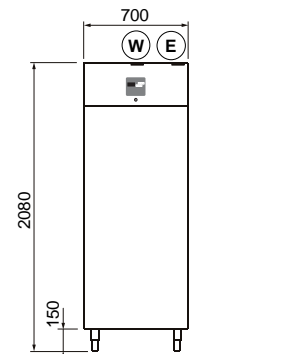
Gruppo remoto / Remote Unit	Cod.	-	-	-	-	-	-
Potenza / Rated output	HP	-	-	-	-	-	-
Allacciamenti - distanza max	m	15					
Connections - max distance	[ft]	[49]					
Capacità refrigerazione	(*) W	-	-	-	-	-	-
Refrigeration capacity							
Cavi elettrici	n° x mm²	-					
Electrical cables							
Tubi liquido	Ø mm	-	-	-	-	-	-
Liquid tubes	in/SAE						
Tubi gas	Ø mm	-	-	-	-	-	-
Gas tubes	in/SAE						
Connessione idrica UMC ad acqua	Ø "	-					
Drain connection water UMC	[in]						
Consumo max acqua	l/min	-	-	-	-	-	-
Max water consumption							
Tubi scarico	Ø "	-					
Drain tubes	[in]						
Set LP-HP (differenziale)	bar	-					
LP-HP set (differential)							
Parzializzazione ventilat. HP (diff.)	bar	-	-	-	-	-	-
Fans choking HP (diff.)							

- (*) Temp.evap. -5°C, Temp. cond. +45°C / Evap. temp. -5°C, Cond. temp. +45°C
- (**) Temp.evap. -10°C, Temp. cond. +45°C / Evap. temp. -10°C, Cond. temp. +45°C
- (***) Temp.evap. -25°C, Temp. cond. +45°C / Evap. temp. -25°C, Cond. temp. +45°C



ARMADI REFRIGERATI EVOLUTION 1 - P=600 EVOLUTION1 REFRIGERATED CABINETS - D=600

Modello / model			AR6	AF6	AR12	AF12
Controllo / control			TN	BT	TN	BT
Dimensioni	LxPxH	mm	700x700x2080		1400x700x2080	
Dimensions	[WxDxA]	[in]	[27.6x27.6x81.9]		[55.1x27.6x81.9]	
Larghezza luce porta	LxH	mm	550x1480		1250x1480	
Door opening width	WxA	[in]	[21.7x58.3]		[49.2x58.3]	
Profondità interna	P	mm	580			
Internal depth	D	[in]	[22.8]			
Profondità con porta 90°		mm	1330			
Depth with 90° door		[in]	[52.4]			
Porte intere / Doors	n°		1	1	2	2
½ porte / Half doors	n°		-	-	-	-
Spessore		mm	75			
Thickness		[in]	[3.0]			
Classe climatica / Climatic class			5			
Capacità / Capacity	l		475	475	1061	1061
Temperatura di esercizio		°C	0/+10	-21/-18	0/+10	-21/-18
Operating temperature						
Refrigerante	gas		R134a	R404A	R134a	R404A
Refrigerant						
Capacità refrigerazione	W		205 (*)	450 (***)	450 (*)	642 (***)
Refrigeration capacity						
Alimentazione elettrica		V/~ /Hz	230/1/50		230/1/50-60	230/1/50
Electric power supply						
Potenza elettrica / Max input electric power	W		200	465	470	770
Compressore / Compressor	HP		-	-	-	-
Corrente max / Max abs. current	A		1,3	2,3	3,2	3,9
Consumo energetico (norma ISO15502)		kWh/24h	-	-	-	-
Energy Consumption (ISO15502 reg.)						
Potenza elettrica Predisposto	W		-	-	-	-
Input electric Power R.Unite						
Corrente max Predisposto	A		-	-	-	-
Max abs. Current UR						
Potenza refrigerazione Predisposto	W		-	-	-	-
Refrigeration power Remote Unite						
Dotazione interna (griglie 530x500mm)	n°		3	3	6	6
Internal fittings (530x500mm shelves)						
Predisposizione Baking			-	-	-	-
Baking equipped						
Dimensioni imballo	LxPxH	mm	740x760x2220		1450x760x2220	
Packing dimensions	[WxDxA]	[in]	[29.1x29.9x87.4]		[57.1x29.9x87.4]	
Peso Netto		kg	107	114	179	188
Net weigh		lb	236	251	395	414
Rumorosità / Noise level		dB(A)	< 70			



(E) Connessione elettrica
Electrical connection

(W) Connessione idrica
Plumbing connection

UNITÀ REMOTA / REMOTE UNIT

Gruppo remoto / Remote Unit	Cod.	-	-	-	-
Potenza / Rated output	HP	-	-	-	-
Allacciamenti - distanza max	m			15	
Connections - max distance	[ft]			[49]	
Capacità refrigerazione	(*) W	-	-	-	-
Refrigeration capacity					
Cavi elettrici	n° x mm²			-	
Electrical cables					
Tubi liquido	Ø mm	-	-	-	-
Liquid tubes	in/SAE				
Tubi gas	Ø mm	-	-	-	-
Gas tubes	in/SAE				
Connessione idrica UMC ad acqua	Ø "			-	
Drain connection water UMC	[in]				
Consumo max acqua	(■) l/min	-	-	-	-
Max water consumption					
Tubi scarico	Ø "			-	
Drain tubes	[in]				
Set LP-HP (differenziale)	bar			-	
LP-HP set (differential)					
Parzializzazione ventilat. HP (diff.)	bar	-	-	-	-
Fans choking HP (diff.)					

(*) Temp.evap. -5°C, Temp. cond. +45°C / Evap. temp. -5°C, Cond. temp. +45°C

(**) Temp.evap. -10°C, Temp. cond. +45°C / Evap. temp. -10°C, Cond. temp. +45°C

(***) Temp.evap. -25°C, Temp. cond. +45°C / Evap. temp. -25°C, Cond. temp. +45°C



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