

WITH MORE THAN 50 YEARS OF EXPERIENCE IN COMPRESSOR TECHNOLOGY AND HIGHLY COMMITTED EMPLOYEES, OUR FOCUS IS TO DEVELOP AND APPLY THE

ADVANCED COMPRESSOR TECHNOLOGIES TO ACHIEVE STANDARD SETTING PERFORMANCE FOR LEADING PRODUCTS AND BUSINESSES AROUND THE WORLD.

# NEW DRIVING EXPERIENCE WITH IN-CAR CABINETS

**SECOP**

**BD1.4F** MICRO  
AUTOMOTIVE

**$\mu$ -micro**

LESS IS MORE  
REDUCED WEIGHT AND SIZE COMPARED  
TO PREVIOUS SOLUTIONS

**PERFECT**

PERFORMANCE/DIMENSION RATIO  
ULTRA COMPACT DC COMPRESSOR



## BD1.4F MICRO AUTOMOTIVE – SMALL BUT POWERFUL

Lose excess weight and use the extra space for what really matters. The new BD Micro from Secop is 60% smaller than previous models and weighs in at only 2.3 kilos. Perfect for 10-15 litre in-car cabinets that need to fit into tight spaces without compromising storage space.

Specially designed for maximum efficiency and reliability this tiny powerhouse of a compressor makes it easier than ever to provide leading class mobile fridges to the discerning automo-

bile manufacturers. The optimized, low-noise motor ensures outstanding performance when you want to provide that extra degree of luxury on the move.

Cool beverages on demand make driving so much more of an experience. Fridges using the BD Micro take up less space and allow small fridges to fit easily, with maximum storage space for snacks and beverages. Low energy consumption is good for car batteries – and the environment.

General		BD1.4F Automotive	
Code number (without electronic unit)		109Z0102	
Electronic unit		101N1010	

Application		LBP/MBP	
Application		LBP/MBP	
Evaporating temperature	°C	-25 to 5	
Voltage/max. voltage	V DC	9 - 17	

Performance data [EN12900/CECOMAF • 12 V DC • 3,000 rpm • static cooling]					
Evaporating temperature	°C	-25	-10	-5	0
Cooling capacity	W	14.3	50.0	66.4	86.8
Power consumption	W	26.1	40.0	45.2	47.6
Current consumption	A	1.98	3.03	3.42	3.97
COP	W/W	0.55	1.25	1.47	1.82

Performance data [ASHRAE LBP • 12 V DC • 3,000 rpm • static cooling]					
Evaporating temperature	°F	-10	14	20	0
Cooling capacity	BTU/h	75.1	212	257	108
Power consumption	W	27.5	39.9	43.4	47.6
Current consumption	A	2.08	3.03	3.28	3.97
COP	BTU/h	2.73	5.32	5.94	2.27

Dimensions			
Height	mm	A	96.25
		B	91.25
		B1	87.70
		B2	38.50
Suction connector	location/I.D. mm   angle material   seal	C	6.2   15° Cu-plated steel   Al cap
		D	6.2   25° Cu-plated steel   Al cap
Process connector	location/I.D. mm   angle material   seal	E	5.0   15° Cu-plated steel   Al cap
Connector tolerance	I.D. mm		±0.09, on 5.0 +0.12/+0.20

