

# Compresseur, Danfoss, SC15G, R134a, 1/2HP, 50/60Hz

written by Lilianne | 1 January 2021

## Données techniques

- Modèle: **SC15G**
- Gaz: **R-134a**
- Température/Pression: **Moyenne / Haute**
- Puissance: **1/2 HP**
- Voltage: **230 V**
- Type De Courant: **Monophasé**
- Fréquence: **50/60 Hz**
- Type De Compresseur: **Hermétique**
- Décalage: **15.28 cm<sup>3</sup>**
- Cons.Énergie -25°C: **233 W**
- Cons.Énergie -10°C: **440 W**
- Cons.Énergie -5°C: **497 W**
- Cons.Énergie 0°C: **549 W**
- Cons.Énergie +5°C: **595 W**
- Cons.Énergie +7,2°C: **613 W**
- T° De Condensation: **55 °C**
- Capacidad Frigorífica -25°C: **175 Kcal/h**
- Capacidad Frigorífica -20°C: **308 Kcal/h**
- Capacidad Frigorífica -15°C: **450 Kcal/h**
- Capacidad Frigorífica -10°C: **604 Kcal/h**
- Capacidad Frigorífica -5°C: **775 Kcal/h**
- Capacidad Frigorífica 0°C: **966 Kcal/h**
- Capacidad Frigorífica 5°C: **1184 Kcal/h**
- Capacidad Frigorífica 7.2°C: **1289 Kcal/h**
- Capacidad Frigorífica 10°C: **1431 Kcal/h**
- Tipo Test: **Ashare 32**



### Design

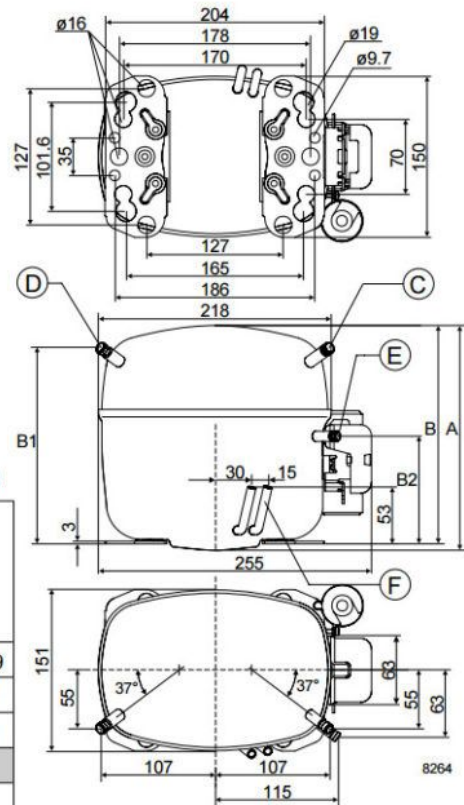
Displacement	cm <sup>3</sup>	15.28
Oil quantity	cm <sup>3</sup>	600 (550 on comp. with oil cooler)
Maximum refrigerant charge	g	1300
Free gas vol. in compressor	cm <sup>3</sup>	1410
Weight without electrical equipment	kg	13.1

### Motor

Motor size	watt	385
LRA (rated after 4 sec. UL984) HST	A	14.8
Cut-in current HST	A	14.8
Resistance, main and start winding (25°C)	Ω	5.0/13.7
Approvals		EN 60335-2-34

### Dimensions

		104G8530	104G8520	104G8525
Height	mm	A	209	
		B	203	
		B1	183	
		B2	100	
Suction connector	location/I.D. mm	C	10.2 ±0.09	10.2 ±0.09
Process connector	location/I.D. mm	D	6.2 ±0.09	6.5 ±0.09
Discharge connector	location/I.D. mm	E	6.2 ±0.09	6.5 ±0.09
Oil cooler	location/I.D. mm	F	6.2 ±0.09	
Compressors on a pallet	pcs.		80	



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# R134A, MBP, Copeland Hermetic, Reciprocating, Freezer, Compressor, Kcj467Hag, 1/2Hp

written by Lilianne | 1 January 2021

R134A, MBP, Copeland Hermetic, Reciprocating, Freezer,  
Compressor, Kcj467Hag, 1/2Hp

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# **Mbsm.Pro , Tecumseh Refrigeration Compressor, CAE9460Z ,R404A refrigerant ,3/8 hp, mhbp, 1/2HP ,1PH(phase) , 220V to 240V**

written by Jamila | 1 January 2021

Mbsm.Pro , Tecumseh Refrigeration Compressor ,R404A  
refrigerant ,1/2HP ,1PH(phase) , 220V to 240V

- Brand Name:Tecumseh
- Certification:RoHS
- Application:Refrigeration Parts
- Type:Refrigeration Compressor

411445

   
6B88330200  
CAE9460Z

R404A LRA 17  
220-240V ~ 50Hz PLA 3.40

  
53 D1510 10 195819 A  
COUNTRY OF ORIGIN: FRANCE THERMALLY PROTECTED

**LOW BACK PRESSURE COMPRESSORS**

Type	COMPRESSOR MODELS	Nominal Power (H.P.)		REFRIGERATION CAPACITY AT 50HZ Rafed @54.5°C Cond Temp (Watts)									VOLTAGE
		t	Refrigerant	Displacement (cm <sup>3</sup> )	Evaporating Temperature								
					Oil charge (cm <sup>3</sup> )	-45°C	-40°C	-35°C	-30°C	-23.3°C	-20°C	-10°C	
						t	t	t	t	t	t	t	
PISTON	AEZ2415Z	7/16	R404A	8.1	350			160	231	355	429	703	220-240V/1/50Hz
	CAE2417Z	7/16	R404A	11.3	350	37.8	62	161	280	460	557	891	220-240V/1/50Hz
	CAE2420Z	1/2	R404A	12.6	350	194	179	232	357	547	654	1047	220-240V/1/50Hz
	CAE2424Z	5/8	R404A	15.1	350	228	180	291	442	664	783	1199	220-240V/1/50Hz
	CAJ2428 TAJ2428Z	3/4	R404A	15.2	887			306	434	628	773	1246	220-240V/1/50Hz 400V/3/50Hz
	CAJ2432Z TAJ2432Z	3/4	R404A	18.3	887	331	265	318	510	792	950	1560	220-240V/1/50Hz 400V/3/50Hz
	CAJ2440Z	1	R404A	21	887	532	394	452	647	975	1166	1876	220-240V/1/50Hz
	CAJ2446Z TAJ2446Z	1	R404A	26.15	887	702	575	549	797	1194	1423	2290	220-240V/1/50Hz 400V/3/50Hz
	CAJ2464Z TAJ2464Z	1-1/2	R404A	34.45	887	805	626	723	1076	1605	1902	3012	220-240V/1/50Hz 400V/1/3/50Hz
	FH2480Z TFH2480Z	2	R404A	53.2	1625	292	420	738	1319	2183	2662	4419	220-240V/1/50Hz 400V/3/50Hz
	FH2511Z TFH2511Z	3	R404A	74.25	1625	1561	1203	1380	2016	3135	3796	6222	220-240V/1/50Hz 400V/3/50Hz
	TAG2516Z TAGP2516Z	4	R404A	112.5	1960	1696	1407	1743	2704	4356	5335	9038	400V/3/50Hz
	TAG2522Z TAGP2522Z	6	R404A	134.8	1960	2541	2012	2378	3542	5522	6688	11062	400V/3/50Hz
	TAG2527Z TAGP2527Z	8	R404A	225	3000	3300	2814	3498	5400	8710	10871	18078	400V/3/50Hz

Picture5 Mbsm Dot Pro : www.mbsm.pro

**THE NEW TWO GENERATION BRAZIL COMPRESSORS**

TYPE	COMPRESSOR MODELS	Nominal Power (H.P.)		REFRIGERATION CAPACITY AT 50HZ Rafed 54.5°C Cond Temp (Watts)									VOLTAGE	
		t	Refrigerant	Displacement (cm <sup>3</sup> )	Evaporating Temperature									
					Oil charge (cm <sup>3</sup> )	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C		+15°C
						t	t	t	t	t	t	t		t
PISTON	AE4425Z-FZ1A	1/5	R404A	4.24	222	228	290	362	446	545	659	792	220-240V/1/50Hz	
	AE4430Z-FZ1A	1/4	R404A	5.16	216	293	375	466	568	685	821	977	220-240V/1/50Hz	
	AE4440Z-FZ1A	1/3	R404A	6.69	278	377	482	599	730	881	1055	1257	220-240V/1/50Hz	
	AE4450Z-FZ1A	7/16	R404A	8.85	369	500	640	795	970	1170	1401	1668	220-240V/1/50Hz	
	AE4460Z-FZ1C	1/2	R404A	10.33		636	784	959	1160	1380	1630	1920	220-240V/1/50Hz	

**Tecumseh Compressor**

**LOW BACK PRESSURE COMPRESSORS**

TYPE	COMPRESSOR MODELS	Nominal Power (H.P.)		REFRIGERATION CAPACITY AT 50HZ Rafed @54.5°C Cond Temp (Watts)							VOLTAGE	
		t	Refrigerant	Displacement (cm <sup>3</sup> )	Evaporating Temperature							
					Oil charge (cm <sup>3</sup> )	-35°C	-30°C	-25°C	-20°C	-15°C		-10°C
						t	t	t	t	t		t
ROTARY	RGA/HGA2426Z	2/3	R404A	9.50	290	375	474	590	726	888	1080	220-240V/1/50Hz
	RGA/HGA2432Z	4/5	R404A	11.50	290	451	567	707	872	1065	1290	220-240V/1/50Hz
	RGA/HGA2436Z	1	R404A	12.70	290	508	643	804	994	1219	1483	220-240V/1/50Hz

Picture5 Mbsm Dot Pro : www.mbsm.pro



