

# Light Commercial Compressors

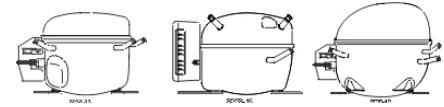
Specially optimized for use in mobile, household, and light commercial applications, these hermetic reciprocating compressors provide high cooling capacity in an energy-saving design. Compressors are available for R-134a and R-404A.

## Features Light Commercial Compressors



# Technical data and ordering

## Light Commercial Compressors Low temperature



Voltage/Phase/ Frequency	Horsepower rating (HP) <sup>1</sup>	HS/LS torque	Application	OLD Danfoss Model No.	NEW Danfoss Model No.	Cooling capacity (Btu/h) <sup>2</sup>			NEW Danfoss Single Packed Code No. <sup>3</sup>	
						LBP evaporator temperature (°F)				
						-31	-13	5		
R-134a	110/1/60	½	HS	Freezer	TL4G	B38H5L	143	201	473	123B8110
	115/1/60	⅓	HS	Freezer	NF5.5X	GUY60NRb	341	629	1,078	123B1301
	115/1/60	¼	HS	Freezer	SC12G	GL99ADa	429	861	1,474	123B1161
	115/1/60	¼	HS	Freezer	NF7FX	GUY80NRb	409	812	1,459	123B1303
	115/1/60	⅓	HS	Freezer	SC15FTX	GPY12RDa	698	1,353	2,369	123B1580
	115/1/60	⅓	HS	Freezer	SC18G	GP14FE	698	1,353	2,369	123B1163
	220-240/1/60	⅓	HS	Freezer	SC18G SC21G	GPY14NGa	726	1,387	2,415	123B1313
	115/1/60	⅓	HS	Freezer	SC15G	GP14FE	500	1,122	2,003	123B1163
	115/1/60	⅜	HS	Freezer	NF11FX	GLY12NRa	698	1,353	2,369	123B1304
R-404A	115/1/60	⅙	HS	Freezer	TFS4.5CLX	ML60FR	459	883	1,435	123B2143
	115/1/60	⅙	HS	Freezer	TF4CLX	ML45FR	391	723	1,197	123B2160
	115/1/60	⅓	HS	Freezer	NF5.5CLX	MLY60LDa	665	1,194	1,903	123B2144
	115/1/60	¼	HS	Freezer	NF7CLX SC10CL	ML80FR	751	1,364	2,219	123B2146
	115/1/60	⅜	HS	Freezer	SC12CLX.2	MPT12LD	1,379	2,371	3,760	123B2152
	115/1/60	½	HS	Freezer	SC15CLX.2	MPT14LD	1,570	2,716	4,356	123B2155
	208-230/1/60	¾	HS	Freezer	SC18CLX.2	MX21FG	1,732	3,387	5,658	123B2131
	208-230/1/60	¾	HS	Freezer	—	MS26FFv	1,862	4,186	7,123	123B2157
	200-230/1/ 50-60	¾	HS	Freezer	SC18CLX.2	MX21FGa	1,732	3,387	5,658	123B2186
	208-230/1/60	1	HS	Freezer	—	MS34FFv	2,396	5,603	10,028	123B2174

<sup>1</sup>Horsepower ratings are nominal. Danfoss recommends sizing compressors based on cooling capacity requirements.

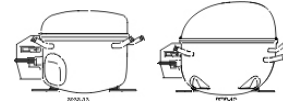
<sup>2</sup>Capacity at ASHRAE conditions below. For other conditions and/or speeds, check Coolselector or contact Danfoss.

<sup>3</sup>Code no. contains compressor and required electrical and non-electrical accessories. For standard code no., change "B" to "F."

Full range of models (refrigerant, capacity, and voltage codes) available. Check Coolselector or contact Danfoss.

# Technical data and ordering

## Light Commercial Compressors Medium temperature



	Voltage/Phase/ Frequency	Horsepower rating (HP) <sup>1</sup>	HS/LS torque	Application	OLD Danfoss Model No.	NEW Danfoss Model No.	Cooling capacity (Btu/h) <sup>2</sup>			NEW Danfoss Single Packed Code No. <sup>3</sup>
							MBP evaporator temperature (°F)			
							5	23	45	
R-134a	110-115/1/60	1/8	LS	Cooler	TL4G	B38G5L	511	869	1,440	123B8126
	200-230/1/ 50/60	1/8	HS	Cooler	FR8.5G	GL80TG	932	1,580	2,647	123B1528
	115/1/60	1/8	HS	Cooler	NF7FX	GLY80RDa	1,123	1,881	3,174	123B1572
	115/1/60	1/8	HS	Cooler	NF5.5FX	GL80TE	932	1,580	2,647	123B1575
	115/1/60	1/8	HS	Cooler	SC12G	GPY12RDa	1,799	2,889	4,682	123B1580
	115/1/60	1/8	HS	Cooler	NF11FX	GLY12RRa	1,105	2,500	4,143	123B1601
	115/1/60	1/4	HS	Cooler	SC15G	GPY14RDa	1,932	3,302	5,821	123B1584
	115/1/60	1/4	HS	Cooler	SC18G	GPY16RDa	2,301	3,765	6,190	123B1588
	220-240/1/ 50/60	1/4	HS	Cooler	SC15GH	GP16TG	2,436	3,777	6,190	123B1714
	208-230/1/60	3/8	HS	Cooler	—	GX23TG	2,970	4,965	8,253	123B1548
	208-230/1/60	3/4	HS	Cooler	—	GS26TGv	3,091	5,736	9,920	123B1550
	208-230/1/60	7/8	HS	Cooler	—	GS30TGv	3,451	6,575	11,825	123B1553
	208-230/1/60	1	HS	Cooler	—	GS34TFv	4,678	8,156	13,571	123B1590
R-404A	115/1/60	1/4	HS	Cooler	NF5.5CLX	MLY60RDa	1,620	2,487	3,869	123B2527
	115/1/60	3/8	HS	Cooler	NF7CLX SC10CL	MLY80RDa	2,144	3,340	5,277	123B2530
	115/1/60	1/2	HS	Cooler	SC12MLX	MLT12RR	2,918	4,384	6,690	123B2542
	230/1/60	1/2	HS	Cooler	SC15MLX.2	MPT14RF	3,686	5,502	8,571	123B2543
	208-230/1/60	7/8	HS	Cooler	—	MX18TGa	4,322	6,810	10,817	123B2541
	115/1/60	7/8	HS	Cooler	SC18MLX	MX18TE	4,322	6,810	10,817	123B2545
	208-230/1/60	1	HS	Cooler	—	MX21TGa	4,801	7,546	12,003	123B2714

<sup>1</sup> Horsepower ratings are nominal. Danfoss recommends sizing compressors based on cooling capacity requirements.

<sup>2</sup> Capacity at ASHRAE conditions below. For other conditions and/or speeds, check Coolselector or contact Danfoss.

<sup>3</sup> Code no. contains compressor and required electrical and non-electrical accessories. For standard code no., change "B" to "E."

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Test conditions	ASHRAE (LBP)	ASHRAE (MBP)
Condensing temperature	131 °F	131 °F
Evaporator temperature	-10 °F	45 °F
Ambient and suction gas temperature	90 °F	95 °F
Liquid temperature	90 °F	115 °F