

LBP: ASHRAE 220V, 50/60Hz, fan cooling F₂

Speed (rpm)	2000	2250	2500	2750	3000	3500	4000	4500
Capacity [W]	422	481	541	597	653	748	843	938
Power cons. [W]	251	280	309	340	370.7	436	500	565
Current cons. [A]	1.23	1.36	1.49	1.63	1.77	2.06	2.35	2.64
COP [W/W]	1.68	1.72	1.75	1.76	1.76	1.72	1.69	1.66

Test conditions

Evaporation pressure	-23.3 °C
Condensing pressure	54.4 °C
Liquid temperature	32.2 °C
Return gas temperature	32.2 °C

LBP: CECOMAF 220V, 50/60Hz, fan cooling F₂

Speed (rpm)	2000	2250	2500	2750	3000	3500	4000	4500
Capacity [W]	316	360	404	448	492	562	633	703
Power cons. [W]	243	269	296	326	357	419	482	545
Current cons. [A]	1.19	1.31	1.43	1.57	1.70	1.99	2.27	2.55
COP [W/W]	1.30	1.34	1.37	1.37	1.38	1.34	1.31	1.29

Test conditions

Evaporation pressure	-25 °C
Condensing pressure	55 °C
Liquid temperature	55 °C
Return gas temperature	32 °C

LBP: EN12900 220V, 50/60Hz, fan cooling F₂

Speed (rpm)	2000	2250	2500	2750	3000	3500	4000	4500
Capacity [W]	257	281	306	333	360	430	500	570
Power cons. [W]	189	203	217	239	261	311	361	411
Current cons. [A]	0.91	0.98	1.04	1.13	1.22	1.44	1.66	1.87
COP [W/W]	1.36	1.38	1.41	1.39	1.38	1.38	1.38	1.39

Test conditions

Evaporation pressure	-35 °C
Condensing pressure	40 °C
Liquid temperature	40 °C
Return gas temperature	20 °C

MBP: ASHRAE 220V, 50/60Hz, fan cooling F₂

Speed (rpm)	2000	2250	2500	2750	3000	3500	4000	4500
Capacity [W]	750	849	947	1040	1132	1310	1489	1667
Power cons. [W]	343	390	436	475	514	612	710	808
Current cons. [A]	1.66	1.87	2.08	2.26	2.44	2.89	3.33	3.78
COP [W/W]	2.18	2.18	2.18	2.19	2.20	2.14	2.10	2.06

Test conditions

Evaporation pressure	-6.7 °C
Condensing pressure	54.4 °C
Liquid temperature	46.1 °C
Return gas temperature	35 °C

MBP: CECOMAF 220V, 50/60Hz, fan cooling F₂

Speed (rpm)	2000	2250	2500	2750	3000	3500	4000	4500
Capacity [W]	598	679	760	832	905	1046	1188	1329
Power cons. [W]	330	375	419	456	493	585	677	769
Current cons. [A]	1.58	1.78	1.99	2.15	2.32	2.73	3.15	3.56
COP [W/W]	1.81	1.81	1.81	1.83	1.83	1.79	1.75	1.73

Test conditions

Evaporation pressure	-10 °C
Condensing pressure	55 °C
Liquid temperature	55 °C
Return gas temperature	32 °C

MBP: EN12900 220V, 50/60Hz, fan cooling F₂

Speed (rpm)	2000	2250	2500	2750	3000	3500	4000	4500
Capacity [W]	686	769	852	932	1011	1183	1354	1525
Power cons. [W]	320	359	398	434	471	559	647	735
Current cons. [A]	1.47	1.64	1.80	1.96	2.12	2.49	2.87	3.25
COP [W/W]	2.14	2.14	2.14	2.15	2.15	2.12	2.09	2.07

Test conditions

Evaporation pressure	-10 °C
Condensing pressure	45 °C
Liquid temperature	45 °C
Return gas temperature	20 °C

Optimization Point 220V, 50/60Hz, fan cooling F₂

Speed (rpm)	2000	2250	2500	2750	3000	3500	4000	4500
Capacity [W]	428	481	535	583	630	737	844	951
Power cons. [W]	217	238	259	284	309	368	427	486
Current cons. [A]	1.08	1.17	1.26	1.38	1.49	1.76	2.02	2.29
COP [W/W]	1.972	2.025	2.069	2.052	2.038	2.002	1.976	1.956

Test conditions

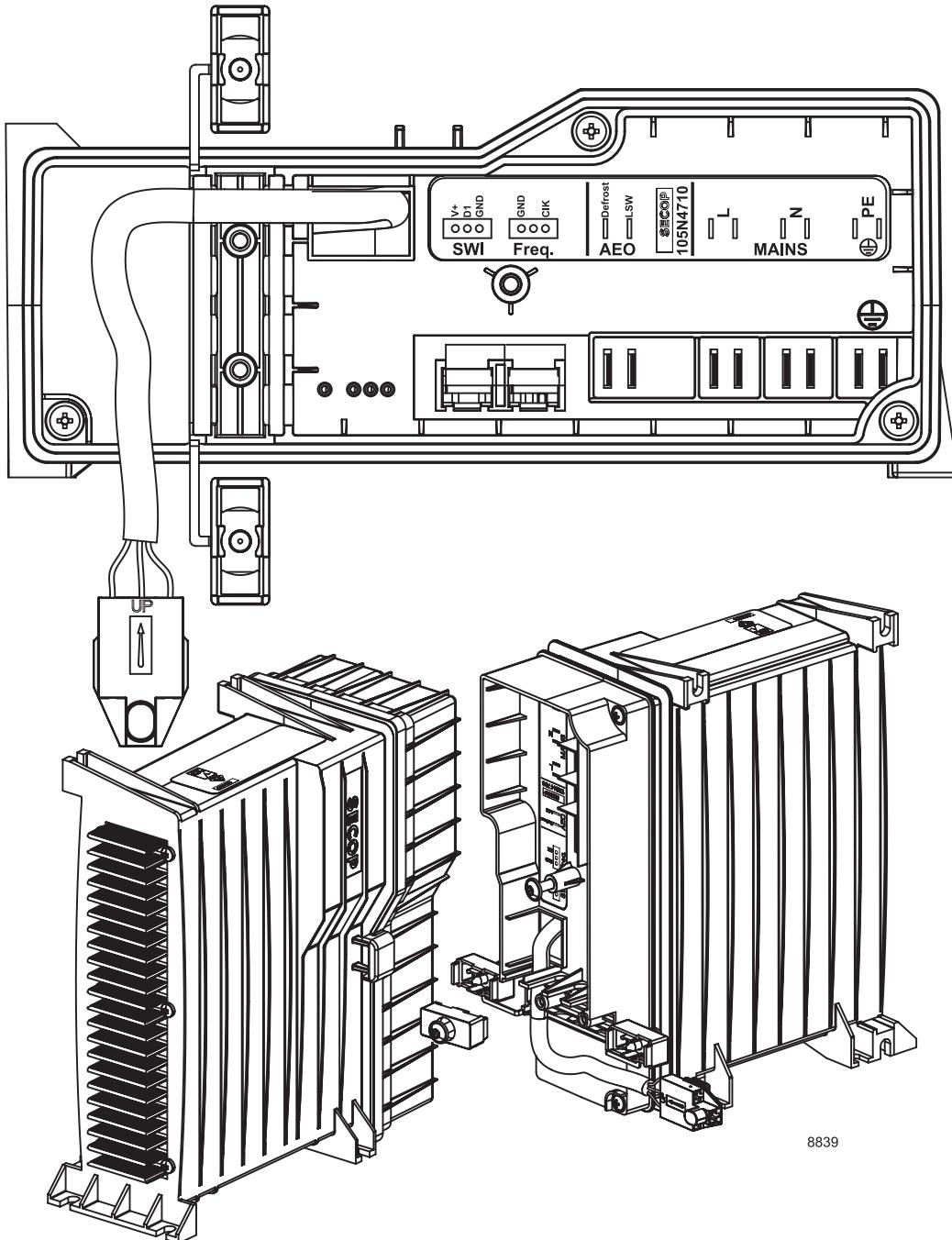
Evaporation pressure	-25 °C
Condensing pressure	35 °C
Liquid temperature	35 °C
Return gas temperature	32 °C

Optimization Point 220V, 50/60Hz, fan cooling F₂

Speed (rpm)	2000	2250	2500	2750	3000	3500	4000	4500
Capacity [W]	701	786	870	952	1033	1208	1383	1558
Power cons. [W]	305	342	379	413	448	532	616	700
Current cons. [A]	1.47	1.64	1.80	1.96	2.12	2.49	2.87	3.25
COP [W/W]	2.30	2.30	2.30	2.30	2.31	2.27	2.25	2.23

Test conditions

Evaporation pressure	5 °C
Condensing pressure	45 °C
Liquid temperature	45 °C
Return gas temperature	32 °C

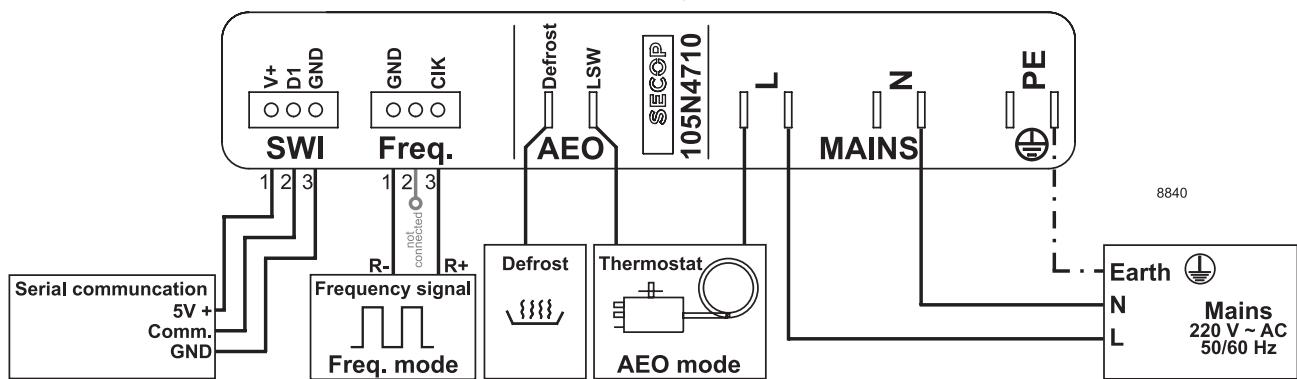


8839



RAST 2.5

Spade connectors 6.3 x 0.8



Nidec GA Compressors accepts no responsibility for possible errors in catalogs, brochures, and other printed material. Nidec GA Compressors reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequent changes being necessary to specifications already agreed. All trademarks in this material are the property of the respective companies. Secop and the Secop logotype are trademarks of Nidec Global Appliance Germany GmbH. All rights reserved. www.secop.com