

NEW PRODUCT BULLETIN

FEBRUARY 2021



COMMERCIAL CONDENSING UNITS

CAPACITY MODULATION AT ITS BEST...

With an increased demand for higher energy efficiency refrigeration systems at part load, we now introduce the first of our Fusion Scroll Inverter condensing unit models.

SPECIFICATION

- Highly reliable scroll compressors
- Full inverter control giving 1.5kW to 25.7kW range
- Oil return cycle
- Liquid line drier and sight glass
- External service valves
- Hinged access doors



PERFORMANCE DATA

Part No.	Unit Model	Compressor Model	Phase	Electrical Data			SPL @ 10m dB(A)	Unit Connections		Dry Weight (kgs)	Unit Dimensions (mm) (WxDxH)	Mounting Dimensions (mm) (WxD)
				NC	MCC	LRC		Liquid	Suction			
N04120150	JEHSI-033-B3-M-3	AGK33FDAMTS	3	3.9	10.8	n/a	31	1/2"	5/8"	116	1334x546x872	945x500
N04120151	JEHSI-066-B3-M-3	AGK66FDAMTS	3	7.0	17.5	n/a	40	1/2"	3/4"	134		
N04120152	JEHSI-087-B4-M-3	AGK87FDAMTS	3	8.8	24.0	n/a	44	3/4"	7/8"	212	1348x600x1727	940x560

NC = Nominal Current at -10°Cte/+32°Cta MT conditions @ 60rps with R448A refrigerant
 MCC = Maximum Continuous Current
 LRC = Locked Rotor Current

Sound Pressure Level (SPL) measured in an anechoic room at -10°Cte/+32°Cta MT conditions @ 60rps. Alternative conditions may produce different results

Casing	Unit Model	Comp. Speed (rps)	SEPR	R448A/R449A Cooling Capacity (Watts) @ Te					
				-20°C	-15°C	-10°C	-5°C	0°C	5°C
Large	JEHSI-033-B3-M-3	30	3.03	1497	1795	2142	2542	2999	3517
		60		3058	3665	4348	5110	5951	6875
		80		3908	4659	5503	6446	7496	8657
		100		4826	5713	6704	7807	9030	10380
	JEHSI-066-B3-M-3	30	3.39	2827	3897	4966	6036	7105	8175
		60		4787	6694	8600	10507	12413	14320
		80		7723	9386	11049	12712	14375	16038
		100		9037	11117	13196	15276	-	-
Twin	JEHSI-087-B4-M-3	30	3.60	3328	4220	5112	6310	7508	8706
		60		6609	8644	10680	13449	16217	18986
		80		9416	11589	13762	16480	19198	21916
		100		11703	13906	16109	19296	22483	25670

Rating Condition MT: Suction Gas Superheat 10K / Subcooling OK / 32°C Ambient
 Capacity data presented in accordance with BS EN 13215:2016

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Ref: Inverter 1.1_0221