

A2L Commercial Condensing Units

The demand for future proof refrigeration products is increasing and the inevitable further reduction in F-Gas quotas will undoubtedly result in the need for lower GWP products.

Get ready for the transition now by installing J & E Hall's new range of A2L condensing units which are compatible with both A1 and ultra low GWP A2L refrigerants.

Future proof your installation with the same J & E Hall quality, design and reliability.



www.jehall.co.uk/commercialhub



**RUNS ON
A1 &
A2L
REFRIGERANTS**

Specification:

- ▶ Highly reliable reciprocating and scroll compressors
- ▶ Electrical control panel with isolator
- ▶ Liquid line drier and sight glass
- ▶ Hinged access doors
- ▶ Ventilated compressor compartment
- ▶ Fan speed controller
- ▶ Pressure relief valve on receiver
- ▶ Compressor crankcase heater
- ▶ Many common features as with standard (HFC) Fusion units
- ▶ JEHR models can operate with R454C & R455A and JEHS models with R454A, R454C & R455A

REFRIGERANT	GWP
R455A	148
R454A	239
R454C	148
R448A	1387
R449A	1397

A2L Commercial Condensing Units

Specification:



Part No.	Unit Model	Compressor Model	Phase	Electrical Data (A)			SPL @ 10m dB(A)	Unit Connections		Dry Weight (kgs)	Dimensions (mm) (W x D x H)	Mounting Dimensions (mm) (W x D)
				NC	MCC	LRC		Liquid	Suction			
N04120157	JEHRA-0067-B1-M-1	AJ4480P-FZ	1	2.9	5.9	24.1	29	3/8"	1/2"	56	876 x 430 x 606	545 x 400
N04120158	JEHRA-0110-B2-M-1	AJ4513P-FZ	1	4.7	10.0	33.0	31	3/8"	1/2"	69		
N04120159	JEHRA-0150-B2-M-1	AJ4519P-FZ	1	7.1	16.3	48.0	34	3/8"	1/2"	69	1101 x 444 x 662	703 x 408
N04120160	JEHSA-0200-B2-M-3	YB12K1E-TFMN	3	3.4	5.9	26.0	36	3/8"	3/4"	71		
N04120161	JEHSA-0300-B2-M-3	YB17K1E-TFMN	3	4.1	6.9	32.0	36	3/8"	3/4"	74		

NC = Nominal Current at -10°C_e/+32°C_a MT conditions with R455A refrigerant

MCC = Maximum Continuous Current

LRC = Locked Rotor Current

Sound Pressure Level (SPL) measured in an anechoic room at -10°C_e/+32°C_a MT conditions.

Alternative conditions may produce different results.

Part No.	Unit Model	COP ^a	SEPR ^a	Cooling Capacity (Watts) @ T _e ^b						
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C
R454A										
N04120157	JEHRA-0067-B1-M-1	-	-	-	-	-	-	-	-	-
N04120158	JEHRA-0110-B2-M-1	-	-	-	-	-	-	-	-	-
N04120159	JEHRA-0150-B2-M-1	-	-	-	-	-	-	-	-	-
N04120160	JEHSA-0200-B2-M-3	2.22	-	2290	2808	3404	4092	4870	5761	6759
N04120161	JEHSA-0300-B2-M-3	-	3.28	3107	3801	4608	5551	6629	7879	9292

Part No.	Unit Model	COP ^a	SEPR ^a	R454C						
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C
N04120157	JEHRA-0067-B1-M-1	1.80	-	541	729	951	1209	1485	1827	2213
N04120158	JEHRA-0110-B2-M-1	1.89	-	841	1149	1514	1948	2432	3023	3694
N04120159	JEHRA-0150-B2-M-1	1.85	-	1270	1673	2136	2672	3258	3970	4796
N04120160	JEHSA-0200-B2-M-3	2.20	-	1887	2327	2836	3422	4094	4859	5726
N04120161	JEHSA-0300-B2-M-3	2.22	-	2581	3173	3864	4669	5600	6670	7893

Part No.	Unit Model	COP ^a	SEPR ^a	R455A						
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C
N04120157	JEHRA-0067-B1-M-1	1.80	-	579	771	995	1259	1540	1884	2288
N04120158	JEHRA-0110-B2-M-1	1.90	-	942	1249	1605	2022	2510	3086	3765
N04120159	JEHRA-0150-B2-M-1	1.81	-	1296	1689	2139	2658	3261	3968	4799
N04120160	JEHSA-0200-B2-M-3	2.03	-	1984	2416	2911	3474	4112	4830	5635
N04120161	JEHSA-0300-B2-M-3	2.05	-	2737	3321	3991	4758	5630	6619	7733

Part No.	Unit Model	COP ^a	SEPR ^a	R448A/R449A						
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C
N04120157	JEHRA-0067-B1-M-1	1.83	-	688	890	1123	1394	1709	2077	2506
N04120158	JEHRA-0110-B2-M-1	2.15	-	1135	1500	1922	2407	2959	3581	4281
N04120159	JEHRA-0150-B2-M-1	1.97	-	1594	2079	2618	3219	3894	4658	5526
N04120160	JEHSA-0200-B2-M-3	2.30	-	2202	2722	3318	3998	4775	5659	6664
N04120161	JEHSA-0300-B2-M-3	2.22	-	2982	3656	4425	5300	6292	7416	8691

^a COP/SEPR data based on evaporating mean condition: 20°C RGT / -10°C_e / +32°C_a / Subcooling 0K

^b Rating Condition: Suction Gas Superheat 10K / Subcooling 0K / 32°C Ambient

Capacity data presented in accordance with BS EN 13215

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