

COMMERCIAL
CONDENSING
UNITS

Commercial Condensing Units

FUSION & FUSION SCROLL PRODUCT RANGE 2024

J&E Hall International

J&E HALL

Commercial Condensing Units

J & E Hall provides a comprehensive range of Fusion reciprocating and Fusion Scroll condensing units for commercial refrigeration sectors.

Energy efficiency is key to our product design and we manufacture fully factory built units that are energy efficient, quiet and easy to install.

Benefits

- Energy efficient
- Low noise
- Easy to install and maintain
- Reliable
- Robust
- Multi refrigerant options

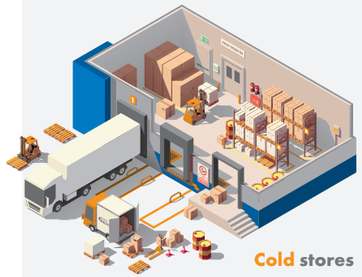
Applications



Convenience stores



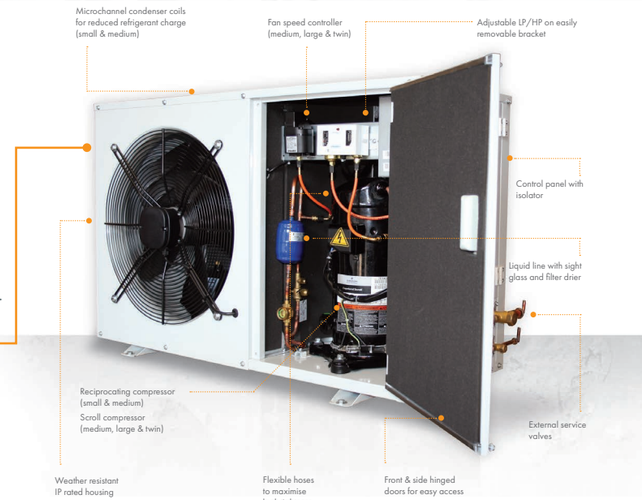
Petrol forecourts



Cold stores

Commercial Condensing Units





End User Benefits

- Energy efficient features reduce energy bills
- Quiet units blend into the local environment
- Quality components for reliability and longer life

Installer Benefits

- Simple access for service and maintenance
- Factory fitted components for quick and easy installation
- Microchannel condenser coil is easy to clean and smaller refrigerant charge

Back up and support



1 Distributor network
Multiple locations throughout the UK

2 Research & development
Continual product development to meet changing needs

3 Stock
Held locally throughout distributor network with J & E Hall central stock holding back up

4 Technical
Specialist knowledge, dedicated product manager, up-to-date manuals and spare part lists

5 Warranty
Three years standard manufacturer's warranty (parts only)

6 Part of Daikin Group
Group backup and support

7 Ecodesign compliant
Legal compliance

Unit Specification

SMALL, MEDIUM, LARGE & TWIN FAN

Casing	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				
Small	N04120079	JEHR-0050-B1-M-1	AE 4460Z-FZ1C	1	3.6	5.9	19.4	28	1/4	3/8	49	876 x 430 x 606	545 x 400	Medium temperature
	N04120080	JEHR-0067-B1-M-1	CAJ 9480Z	1	3.3	6.7	24.1	28	3/8	1/2	56			
	N04120081	JEHR-0100-B1-M-1	CAJ 9510Z	1	4.1	8.4	29.5	28	3/8	1/2	57			
	N04120082	JEHR-0113-B1-M-1	CAJ 9513Z	1	5.1	11.3	33.5	28	3/8	1/2	58			
Medium	N04120083	JEHR-0140-B2-M-1	CAJ 4517Z	1	5.9	12.7	38.5	32	3/8	1/2	67	1101 x 444 x 662	703 x 408	
	N04120084	JEHR-0140-B2-M-3	TAJ 4517Z	3	2.9	4.0	18.0	32	3/8	1/2	67			
	N04120140	JEHR-0170-B2-M-1	CAJ 4519Z	1	7.0	15.2	45.0	33	3/8	5/8	68			
	N04120141	JEHR-0170-B2-M-3	TAJ 4519Z	3	3.7	4.8	22.0	33	3/8	5/8	68			
	N04120087	JEHS-0200-B2-M-1	ZB15KQE-PFJ	1	7.9	18.5	58.0	33	3/8	3/4	70			
	N04120088	JEHS-0200-B2-M-3	ZB15KQE-TFD	3	3.5	7.0	26.0	33	3/8	3/4	70			
	N04120089	JEHS-0250-B2-M-1	ZB19KQE-PFJ	1	9.9	20.5	61.0	34	3/8	3/4	72			
	N04120090	JEHS-0250-B2-M-3	ZB19KQE-TFD	3	4.8	7.0	32.0	34	3/8	3/4	72			
	N04120091	JEHS-0300-B2-M-1	ZB21KQE-PFJ	1	12.8	21.5	82.0	36	3/8	3/4	74			
	N04120092	JEHS-0300-B2-M-3	ZB21KQE-TFD	3	5.0	10.3	40.0	36	3/8	3/4	74			
	N04120093	JEHS-0350-B2-M-1	ZB26KQE-PFJ	1	15.4	25.0	97.0	39	3/8	3/4	74			
	N04120094	JEHS-0350-B2-M-3	ZB26KQE-TFD	3	6.4	9.0	46.0	39	3/8	3/4	74			
Large	N04120099	JEHS-0350-B3-M-1	ZB26KQE-PFJ	1	14.8	25.0	97.0	37	1/2	3/4	112	1353 x 575 x 872	945 x 500	
	N04120100	JEHS-0350-B3-M-3	ZB26KQE-TFD	3	6.8	9.0	46.0	37	1/2	3/4	112			
	N04120101	JEHS-0400-B3-M-1	ZB29KQE-PFJ	1	17.0	28.0	114.0	37	1/2	7/8	119			
	N04120102	JEHS-0400-B3-M-3	ZB29KQE-TFD	3	8.2	11.0	50.0	37	1/2	7/8	119			
	N04120103	JEHS-0500-B3-M-3	ZB38KQE-TFD	3	9.1	13.5	65.5	38	1/2	7/8	123			
	N04120104	JEHS-0600-B3-M-3	ZB45KQE-TFD	3	9.6	14.2	74.0	40	1/2	1 1/8	125			
	N04120105	JEHS-0680-B3-M-3	ZB48KQE-TFD	3	12.3	19.1	101.0	40	1/2	1 1/8	126			
Twin	N04120106	JEHS-0800-B4-M-3	ZB57KCE-TFD	3	11.4	21.3	102.0	43	3/4	1 1/8	204	1348 x 612 x 1727	940 x 560	
	N04120107	JEHS-1000-B4-M-3	ZB76KQE-TFD	3	16.2	28.0	118.0	43	3/4	1 3/8	226			
	N04120137	JEHS-1300-B4-M-3	ZB95K5E-TFD	3	22.0	34.0	140.0	46	3/4	1 3/8	238			
Sp	N04120138	JEHS-1500-B6-M-3	ZB114K5E-TFD	3	27.4	38.0	174.0	48	3/4	1 3/8	332	1735 x 854 x 1727	1240 x 808	

Casing	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				
Small	N04120135	JEHR-0115-B1-L-1	CAJ2446Z	1	3.0	8.2	30.0	27	3/8	1/2	59	876 x 430 x 606	545 x 400	Low temperature
	N04120136	JEHR-0135-B1-L-1	CAJ2464Z	1	4.8	10.0	40.0	27	3/8	1/2	61			
Medium	N04120142	JEHR-0180-B2-L-1	FH2480Z-XC3A	1	6.7	12.0	65.0	35	3/8	5/8	81	1101 x 444 x 662	703 x 408	
	N04120143	JEHR-0180-B2-L-3	FH2480Z-XG1A	3	3.1	6.4	31.0	35	3/8	5/8	80			
	N04120144	JEHR-0210-B2-L-1	FH2511Z-XC3A	1	7.3	24.0	71.0	38	3/8	5/8	83			
	N04120145	JEHR-0210-B2-L-3	FH2511Z-XG1A	3	4.0	8.3	60.0	38	3/8	5/8	81			
	N04120113	JEHS-0300-B2-L-3	ZF09KQE-TFD	3	4.4	6.5	40.0	33	3/8	3/4	78			
Large	N04120114	JEHS-0400-B3-L-3	ZF13KQE-TFD	3	5.8	10.0	51.5	37	1/2	7/8	132	1353 x 575 x 872	945 x 500	
	N04120115	JEHS-0500-B3-L-3	ZF15KQE-TFD	3	7.6	12.0	64.0	39	1/2	7/8	132			
	N04120116	JEHS-0600-B3-L-3	ZF18KQE-TFD	3	8.5	12.5	74.0	41	1/2	7/8	133			
Twin	N04120117	JEHS-0750-B4-L-3	ZF25K5E-TFD	3	8.1	16.6	102.0	41	1/2	1 1/8	203	1348 x 612 x 1727	940 x 560	
	N04120165	JEHS-0951-B4-L-3 EVI	ZFI26KQE-TFD EVI	3	8.5	13.0	74.0	37	1/2	7/8	200			
	N04120133	JEHS-1150-B4-L-3 EVI	ZFI36KQE-TFD EVI	3	10.7	16.6	102.0	42	1/2	1 1/8	211			
	N04120146	JEHS-1400-B4-L-3-EVI	ZF34K5E-TFD EVI	3	15.5	25.0	100.0	44	1/2	1 3/8	235			

NC = Nominal Current at -10°Cte/+32°Cta MT and -35°Cte/+32°Cta LT conditions 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 and -25°Cte/+32°Cta LT conditions. Alternative conditions may produce different results.

R134a Performance Data

MEDIUM, LARGE & TWIN FAN

Casing	Part No.	Unit Model	R134a Cooling Capacity (Watts) @ Te							Ecodesign Conditions ⓘ			Medium temperature
			-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	COP	SEPR	Watts	
Small	N04120079	JEHR-0050-B1-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120080	JEHR-0067-B1-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120081	JEHR-0100-B1-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120082	JEHR-0113-B1-M-1	-	-	-	-	-	-	-	-	-	-	
Medium	N04120083	JEHR-0140-B2-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120084	JEHR-0140-B2-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120140	JEHR-0170-B2-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120141	JEHR-0170-B2-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120087	JEHS-0200-B2-M-1	1610	2050	2550	3120	3770	4530	5360	1.92	-	2130	
	N04120088	JEHS-0200-B2-M-3	1730	2170	2700	3310	4020	4850	5770	2.19	-	2240	
	N04120089	JEHS-0250-B2-M-1	2010	2590	3230	3980	4870	5930	7140	(2.14)	-	-	
	N04120090	JEHS-0250-B2-M-3	1980	2480	3070	3770	4570	5510	6550	(2.13)	-	-	
	N04120091	JEHS-0300-B2-M-1	2410	3090	3830	4690	5690	6890	8240	(2.13)	-	-	
	N04120092	JEHS-0300-B2-M-3	2460	3060	3790	4620	5600	6740	7990	(2.10)	-	-	
	N04120093	JEHS-0350-B2-M-1	2700	3410	4250	5240	6410	7800	9330	(1.86)	-	-	
	N04120094	JEHS-0350-B2-M-3	2800	3480	4300	5240	6320	7610	9010	(2.08)	-	-	
Large	N04120099	JEHS-0350-B3-M-1	2840	3610	4520	5600	6850	8290	9920	2.13	-	3730	
	N04120100	JEHS-0350-B3-M-3	2940	3690	4570	5600	6790	8150	9680	2.36	-	3810	
	N04120101	JEHS-0400-B3-M-1	3850	4900	5950	7170	8740	10800	13600	(2.28)	-	5050	
	N04120102	JEHS-0400-B3-M-3	3400	4240	5220	6360	7690	9230	11000	2.36	-	4370	
	N04120103	JEHS-0500-B3-M-3	4160	5240	6460	7870	9490	11350	13450	-	(2.69)	-	
	N04120104	JEHS-0600-B3-M-3	4930	6160	7610	9300	11250	13350	15700	-	(2.63)	-	
	N04120105	JEHS-0680-B3-M-3	5570	6890	8400	10150	12100	14400	16850	-	(2.57)	-	
Twin	N04120106	JEHS-0800-B4-M-3	6340	7950	9850	12050	14650	17550	20800	-	3.10	8210	
	N04120107	JEHS-1000-B4-M-3	8360	10400	12750	15500	18700	22200	26100	-	3.37	10750	
	N04120137	JEHS-1300-B4-M-3	10474	13043	15952	19241	22951	27122	31795	-	3.09	13519	
Sp	N04120138	JEHS-1500-B6-M-3	12251	15573	19386	23734	28665	34224	-	-	2.96	16134	

Rating Condition: Suction Gas Superheat 10K / Subcooling 0K / 32°C Ambient
ⓘEcodesign conditions: -10°Cte/+32°Cta MT with RGT 20°C & 0K SC
COP & SEPR data in brackets shown at 10K SH condition where RGT 20°C data unavailable
Capacity data presented in accordance with BS EN 13215

R448A Performance Data

SMALL, MEDIUM, LARGE & TWIN FAN

Casing	Part No.	Unit Model	R448A Cooling Capacity (Watts) @ Te							Ecodesign Conditions ⓘ			Medium temperature
			-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	COP	SEPR	Watts	
Small	N04120079	JEHR-0050-B1-M-1	496	643	817	1023	1267	1558	1902	1.66	-	872	
	N04120080	JEHR-0067-B1-M-1	611	811	1045	1322	1652	2045	2514	1.64	-	1120	
	N04120081	JEHR-0100-B1-M-1	740	977	1252	1575	1958	2448	2959	1.64	-	1345	
	N04120082	JEHR-0113-B1-M-1	859	1169	1523	1926	2442	3000	3665	1.71	-	1639	
Medium	N04120083	JEHR-0140-B2-M-1	1192	1571	2016	2540	3158	3942	4889	2.09	-	2149	
	N04120084	JEHR-0140-B2-M-3	1156	1556	2020	2560	3194	3936	4808	2.00	-	2152	
	N04120140	JEHR-0170-B2-M-1	1409	1869	2399	3010	3715	4526	5459	1.73	-	2574	
	N04120141	JEHR-0170-B2-M-3	1452	1892	2399	2980	3645	4405	5273	1.76	-	2572	
	N04120087	JEHS-0200-B2-M-1	2080	2620	3240	3940	4740	5670	6740	2.02	-	3330	
	N04120088	JEHS-0200-B2-M-3	2080	2620	3240	3940	4740	5670	6740	2.02	-	3330	
	N04120089	JEHS-0250-B2-M-1	2440	3030	3700	4470	5360	6380	7560	1.93	-	3820	
	N04120090	JEHS-0250-B2-M-3	2440	3030	3700	4470	5360	6380	7560	1.93	-	3820	
	N04120091	JEHS-0300-B2-M-1	3060	3770	4570	5470	6510	7710	9120	1.85	-	4730	
	N04120092	JEHS-0300-B2-M-3	3060	3770	4570	5470	6510	7710	9120	1.85	-	4730	
	N04120093	JEHS-0350-B2-M-1	3530	4340	5270	6320	7530	8940	10600	-	2.72	5460	
	N04120094	JEHS-0350-B2-M-3	3530	4340	5270	6320	7530	8940	10600	-	2.72	5460	
Large	N04120099	JEHS-0350-B3-M-1	3630	4550	5600	6770	8130	9690	11500	-	3.02	5760	
	N04120100	JEHS-0350-B3-M-3	3630	4550	5600	6770	8130	9690	11500	-	3.02	5760	
	N04120101	JEHS-0400-B3-M-1	4100	5070	6170	7410	8840	10500	12400	-	3.13	6370	
	N04120102	JEHS-0400-B3-M-3	4100	5070	6170	7410	8840	10500	12400	-	3.13	6370	
	N04120103	JEHS-0500-B3-M-3	4830	6190	7600	9120	10850	12900	15300	-	2.97	7880	
	N04120104	JEHS-0600-B3-M-3	5790	7420	9130	10950	13000	15400	18200	-	3.22	9450	
	N04120105	JEHS-0680-B3-M-3	6430	8240	10150	12100	14350	16950	20000	-	2.96	10500	
Twin	N04120106	JEHS-0800-B4-M-3	7250	9670	12300	15200	18450	22100	-	-	2.88	12650	
	N04120107	JEHS-1000-B4-M-3	-	12150	15250	18800	22800	27300	-	-	2.83	15850	
	N04120137	JEHS-1300-B4-M-3	11693	15327	19164	23283	27761	32674	38100	-	2.97	19909	
Sp	N04120138	JEHS-1500-B6-M-3	14757	19205	24093	29487	35458	42072	49399	-	2.94	24876	

Casing	Part No.	Unit Model	R448A Cooling Capacity (Watts) @ Te							Ecodesign Conditions ⓘ			Low temperature
			-45°C	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	COP	SEPR	Watts	
Small	N04120135	JEHR-0115-B1-L-1	-	-	*	*	*	*	-	-	-	-	
	N04120136	JEHR-0135-B1-L-1	-	-	*	*	*	*	-	-	-	-	
Medium	N04120142	JEHR-0180-B2-L-1	-	-	937	1372	1911	2569	-	0.96	-	1082	
	N04120143	JEHR-0180-B2-L-3	-	-	846	1247	1743	2351	-	1.00	-	979	
	N04120144	JEHR-0210-B2-L-1	-	-	1221	1790	2491	3339	-	0.99	-	1420	
	N04120145	JEHR-0210-B2-L-3	-	-	1170	1701	2354	3145	-	1.00	-	1356	
	N04120113	JEHS-0300-B2-L-3	-	1230	1580	1990	2480	3030	-	0.97	-	1700	
Large	N04120114	JEHS-0400-B3-L-3	-	1820	2380	3030	3790	4670	-	-	1.67	2530	
	N04120115	JEHS-0500-B3-L-3	-	2200	2850	3600	4480	5480	-	-	-	3040	
	N04120116	JEHS-0600-B3-L-3	-	2430	3250	4150	5160	6310	-	-	1.64	3490	
Twin	N04120117	JEHS-0750-B4-L-3	-	3550	4510	5630	6900	8370	-	-	1.64	4810	
	N04120165	JEHS-0951-B4-L-3 EVI	-	-	4846	5947	7217	8670	-	-	(1.68)	4846	
	N04120133	JEHS-1150-B4-L-3 EVI	-	4920	6230	7730	9390	11200	-	-	(1.71)	6230	
	N04120146	JEHS-1400-B4-L-3 EVI	-	5965	7839	9902	12149	14567	-	-	(1.67)	7839	

Rating Condition: Suction Gas Superheat 10K / Subcooling 0K / 32°C Ambient
ⓘEcodesign conditions: -10°Cte/+32°Cta MT and -35°Cte/+32°Cta LT with RGT 20°C & 0K SC

COP & SEPR data in brackets shown at 10K SH condition where RGT 20°C data unavailable
Capacity data presented in accordance with BS EN 13215

*FOR CAPACITY DATA PLEASE CONTACT YOUR LOCAL REPRESENTATIVE

R449A Performance Data

SMALL, MEDIUM, LARGE & TWIN FAN

Casing	Part No.	Unit Model	R449A Cooling Capacity (Watts) @ Te							Ecodesign Conditions ⓘ			
			-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	COP	SEPR	Watts	
Small	N04120079	JEHR-0050-B1-M-1	496	643	817	1023	1267	1558	1902	1.66	-	872	Medium temperature
	N04120080	JEHR-0067-B1-M-1	611	811	1045	1322	1652	2045	2514	1.64	-	1120	
	N04120081	JEHR-0100-B1-M-1	740	977	1252	1575	1958	2448	2959	1.64	-	1345	
	N04120082	JEHR-0113-B1-M-1	859	1169	1523	1926	2442	3000	3665	1.71	-	1639	
Medium	N04120083	JEHR-0140-B2-M-1	1192	1571	2016	2540	3158	3942	4889	2.09	-	2149	
	N04120084	JEHR-0140-B2-M-3	1156	1556	2020	2560	3194	3936	4808	2.00	-	2152	
	N04120140	JEHR-0170-B2-M-1	1409	1869	2399	3010	3715	4526	5459	1.73	-	2574	
	N04120141	JEHR-0170-B2-M-3	1452	1892	2399	2980	3645	4405	5273	1.76	-	2572	
	N04120087	JEHS-0200-B2-M-1	2080	2620	3240	3940	4740	5670	6740	2.02	-	3330	
	N04120088	JEHS-0200-B2-M-3	2080	2620	3240	3940	4740	5670	6740	2.02	-	3330	
	N04120089	JEHS-0250-B2-M-1	2440	3030	3700	4470	5360	6380	7560	1.93	-	3820	
	N04120090	JEHS-0250-B2-M-3	2440	3030	3700	4470	5360	6380	7560	1.93	-	3820	
	N04120091	JEHS-0300-B2-M-1	3060	3770	4570	5470	6510	7710	9120	1.85	-	4730	
	N04120092	JEHS-0300-B2-M-3	3060	3770	4570	5470	6510	7710	9120	1.85	-	4730	
	N04120093	JEHS-0350-B2-M-1	3530	4340	5270	6320	7530	8940	10600	-	2.72	5460	
	N04120094	JEHS-0350-B2-M-3	3530	4340	5270	6320	7530	8940	10600	-	2.72	5460	
Large	N04120099	JEHS-0350-B3-M-1	3630	4550	5600	6770	8130	9690	11500	-	3.02	5760	
	N04120100	JEHS-0350-B3-M-3	3630	4550	5600	6770	8130	9690	11500	-	3.02	5760	
	N04120101	JEHS-0400-B3-M-1	4100	5070	6170	7410	8840	10500	12400	-	3.13	6370	
	N04120102	JEHS-0400-B3-M-3	4100	5070	6170	7410	8840	10500	12400	-	3.13	6370	
	N04120103	JEHS-0500-B3-M-3	4830	6190	7600	9120	10850	12900	15300	-	2.97	7880	
	N04120104	JEHS-0600-B3-M-3	5790	7420	9130	10950	13000	15400	18200	-	3.22	9450	
	N04120105	JEHS-0680-B3-M-3	6430	8240	10150	12100	14350	16950	20000	-	2.96	10500	
Twin	N04120106	JEHS-0800-B4-M-3	7250	9670	12300	15200	18450	22100	-	-	2.88	12650	
	N04120107	JEHS-1000-B4-M-3	-	12150	15250	18800	22800	27300	-	-	2.83	15850	
	N04120137	JEHS-1300-B4-M-3	11693	15327	19164	23283	27761	32674	38100	-	2.97	19909	
Sp	N04120138	JEHS-1500-B6-M-3	14757	19205	24093	29487	35458	42072	49399	-	2.94	24876	

Casing	Part No.	Unit Model	R449A Cooling Capacity (Watts) @ Te							Ecodesign Conditions ⓘ			
			-45°C	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	COP	SEPR	Watts	
Small	N04120135	JEHR-0115-B1-L-1	-	-	*	*	*	*	-	-	-	-	Low temperature
	N04120136	JEHR-0135-B1-L-1	-	-	*	*	*	*	-	-	-	-	
Medium	N04120142	JEHR-0180-B2-L-1	-	-	937	1372	1911	2569	-	0.96	-	1082	
	N04120143	JEHR-0180-B2-L-3	-	-	846	1247	1743	2351	-	1.00	-	979	
	N04120144	JEHR-0210-B2-L-1	-	-	1221	1790	2491	3339	-	0.99	-	1420	
	N04120145	JEHR-0210-B2-L-3	-	-	1170	1701	2354	3145	-	1.00	-	1356	
	N04120113	JEHS-0300-B2-L-3	-	1230	1580	1990	2480	3030	-	0.97	-	1700	
Large	N04120114	JEHS-0400-B3-L-3	-	1820	2380	3030	3790	4670	-	-	1.67	2530	
	N04120115	JEHS-0500-B3-L-3	-	2200	2850	3600	4480	5480	-	-	-	3040	
	N04120116	JEHS-0600-B3-L-3	-	2430	3250	4150	5160	6310	-	-	1.64	3490	
Twin	N04120117	JEHS-0750-B4-L-3	-	3550	4510	5630	6900	8370	-	-	1.64	4810	
	N04120165	JEHS-0951-B4-L-3 EVI	-	-	4846	5947	7217	8670	-	-	(1.68)	4846	
	N04120133	JEHS-1150-B4-L-3 EVI	-	4920	6230	7730	9390	11200	-	-	(1.71)	6230	
	N04120146	JEHS-1400-B4-L-3 EVI	-	5965	7839	9902	12149	14567	-	-	(1.67)	7839	

Rating Condition: Suction Gas Superheat 10K / Subcooling 0K / 32°C Ambient
ⓘEcodesign conditions: -10°Cte/+32°Cta MT and -35°Cte/+32°Cta LT with RGT 20°C & 0K SC

COP & SEPR data in brackets shown at 10K SH condition where RGT 20°C data unavailable
Capacity data presented in accordance with BS EN 13215

*FOR CAPACITY DATA PLEASE CONTACT YOUR LOCAL REPRESENTATIVE

R452A Performance Data

SMALL & MEDIUM

Casing	Part No.	Unit Model	R452A Cooling Capacity (Watts) @ Te							Ecodesign Conditions ⓘ			
			-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	COP	SEPR	Watts	
Small	N04120079	JEHR-0050-B1-M-1	552	696	866	1065	1301	1580	1908	1.67	-	949	Medium temperature
	N04120080	JEHR-0067-B1-M-1	687	885	1116	1388	1707	2085	2533	1.67	-	1229	
	N04120081	JEHR-0100-B1-M-1	837	1071	1341	1656	2026	2463	2982	1.68	-	1481	
	N04120082	JEHR-0113-B1-M-1	983	1277	1612	1997	2444	2968	3584	1.73	-	1788	
Medium	N04120083	JEHR-0140-B2-M-1	1232	1585	1995	2475	3041	3711	4505	1.92	-	2196	
	N04120084	JEHR-0140-B2-M-3	1188	1564	1995	2493	3076	3759	4565	1.83	-	2195	
	N04120140	JEHR-0170-B2-M-1	1456	1904	2417	3005	3681	4454	5344	1.65	-	2685	
	N04120141	JEHR-0170-B2-M-3	1506	1931	2423	2981	3618	4340	5390	1.73	-	2688	
	N04120087	JEHS-0200-B2-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120088	JEHS-0200-B2-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120089	JEHS-0250-B2-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120090	JEHS-0250-B2-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120091	JEHS-0300-B2-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120092	JEHS-0300-B2-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120093	JEHS-0350-B2-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120094	JEHS-0350-B2-M-3	-	-	-	-	-	-	-	-	-	-	
Large	N04120099	JEHS-0350-B3-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120100	JEHS-0350-B3-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120101	JEHS-0400-B3-M-1	-	-	-	-	-	-	-	-	-	-	
	N04120102	JEHS-0400-B3-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120103	JEHS-0500-B3-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120104	JEHS-0600-B3-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120105	JEHS-0680-B3-M-3	-	-	-	-	-	-	-	-	-	-	
Twin	N04120106	JEHS-0800-B4-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120107	JEHS-1000-B4-M-3	-	-	-	-	-	-	-	-	-	-	
	N04120137	JEHS-1300-B4-M-3	-	-	-	-	-	-	-	-	-	-	
Sp	N04120138	JEHS-1500-B6-M-3	-	-	-	-	-	-	-	-	-	-	

Casing	Part No.	Unit Model	R452A Cooling Capacity (Watts) @ Te							Ecodesign Conditions ⓘ			
			-45°C	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	COP	SEPR	Watts	
Small	N04120135	JEHR-0115-B1-L-1	-	-	517	708	938	1213	-	1.05	-	637	Low temperature
	N04120136	JEHR-0135-B1-L-1	-	-	658	886	1164	1498	-	0.98	-	814	
Medium	N04120142	JEHR-0180-B2-L-1	-	635	985	1425	1967	2626	-	1.01	-	1223	
	N04120143	JEHR-0180-B2-L-3	-	590	912	1315	1813	2415	-	1.07	-	1133	
	N04120144	JEHR-0210-B2-L-1	-	827	1279	1839	2523	3342	-	0.99	-	1604	
	N04120145	JEHR-0210-B2-L-3	-	805	1228	1753	2394	3162	-	1.05	-	1532	
	N04120113	JEHS-0300-B2-L-3	-	-	-	-	-	-	-	-	-	-	
Large	N04120114	JEHS-0400-B3-L-3	-	-	-	-	-	-	-	-	-	-	
	N04120115	JEHS-0500-B3-L-3	-	-	-	-	-	-	-	-	-	-	
	N04120116	JEHS-0600-B3-L-3	-	-	-	-	-	-	-	-	-	-	
Twin	N04120117	JEHS-0750-B4-L-3	-	-	-	-	-	-	-	-	-	-	
	N04120165	JEHS-0951-B4-L-3 EVI	-	-	-	-	-	-	-	-	-	-	
	N04120133	JEHS-1150-B4-L-3 EVI	-	-	-	-	-	-	-	-	-	-	
	N04120146	JEHS-1400-B4-L-3 EVI	-	-	-	-	-	-	-	-	-	-	

Rating Condition: Suction Gas Superheat 10K / Subcooling 0K / 32°C Ambient
ⓘEcodesign conditions: -10°Cte/+32°Cta MT and -35°Cte/+32°Cta LT with RGT 20°C & 0K SC
COP & SEPR data in brackets shown at 10K SH condition where RGT 20°C data unavailable
Capacity data presented in accordance with BS EN 13215

Note: R404A, R407A and R407F data available on request or visit www.jehall.co.uk



Commercial Refrigeration Hub

Discover J & E Hall's commercial hub, which brings together all the information you need on our commercial refrigeration products under one portal.

www.jehall.co.uk/commercialhub

J & E Hall commercial product range



Digital & Inverter condensing units

Digital scroll compressor capacity matches varying display case loads for an energy efficient solution. The units are suitable for multi cabinet systems and multiple evaporators for coldrooms. With an increased demand for higher energy efficiency refrigeration systems at part load, J & E Hall now also offers a range of Fusion Scroll Inverter condensing units.



Cellar coolers

The JCC cellar cooler range provides cost effective and reliable units designed with electronic control down to 4°C for beer cellars and other temperature controlled environments. CELLAR+ systems have increased capacities and longer pipe runs for larger cellar cooler applications.



A2L commercial condensing units

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

The new range of A2L condensing units are compatible with both A1 and ultra low GWP A2L refrigerants.

Refrigerants information

Refrigerants	GWP	TCO_2 eq (Tonnes CO_2 equivalent)
R134a	1430	GWP x total system refrigerant charge (Kgs) / 1000
R407A	2107	
R407F	1825	
R448A	1387	
R449A	1397	
R452A	2140	

J & E Hall commercial condensing units' functioning relies on fluorinated greenhouse gases. This table illustrates refrigerants used, GWP values and Tonnes CO_2 equivalent calculation.



COMMERCIAL CONDENSING UNITS

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ISO 14001 Environmental Management CERTIFIED EMS539595

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