



J&E Hall
International

FUSION

HERMETIC SCROLL CONDENSING UNITS

Duty range: 3,240 - 24,093 W @ -10°C

Refrigerants: Multi-refrigerant (R449A, R134A, R448A and R407F)

Medium temperature -20 to +10 °C / Low temperature -20 to -40 °C

Product description:

The extremely efficient J&E Hall Fusion Scroll commercial condensing units are the perfect solution for commercial sectors. The latest generation small and medium sized commercial units offer multi refrigerant options and improved access.

Product features:

- ▶ Copeland scroll compressor
- ▶ Crankcase heater
- ▶ Liquid receiver
- ▶ Drier sightglass
- ▶ Adjustable HP/LP switch
- ▶ Rotalock valves
- ▶ Electric isolator
- ▶ IP55 Panel
- ▶ Fan speed control
- ▶ Micro-channel condenser coil
- ▶ Noise levels in dB(A) at 10m

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Official distributor

Thermofrost Cryo

R449A MT -20 to +10°C

Code	Model	Capacity (Watts) - Evaporating Temperature						Supply	Noise level
		10	5	0	-5	-10	-15		
MLU403	JEHS-0200-B2-M-1	6,740	5,670	4,740	3,940	3,240	2,620	230.1	33
MLU407	JEHS-0200-B2-M-3	6,740	5,670	4,740	3,940	3,240	2,620	400.3	33
MLU409	JEHS-0250-B2-M-1	7,560	6,380	5,360	4,470	3,700	3,030	230.1	34
MLU411	JEHS-0250-B2-M-3	7,560	6,380	5,360	4,470	3,700	3,030	400.3	34
MLU417	JEHS-0300-B2-M-1	9,120	7,710	6,510	5,470	4,570	3,770	230.1	36
MLU418	JEHS-0300-B2-M-3	9,120	7,710	6,510	5,470	4,570	3,770	400.3	36
MLU422	JEHS-0350-B2-M-1	10,600	8,940	7,530	6,530	5,270	4,340	230.1	37
MLU424	JEHS-0350-B2-M-3	10,600	8,840	7,570	6,440	5,500	5,610	400.3	37
MLU427	JEHS-0350-B3-M-1	11,500	9,690	8,130	6,770	5,600	4,550	230.1	37
MLU429	JEHS-0350-B3-M-3	11,500	9,690	8,130	6,770	5,600	4,550	400.3	37
MLU430	JEHS-0400-B3-M-1	12,400	10,500	8,840	7,410	6,170	5,070	230.1	38
MLU432	JEHS-0400-B3-M-3	12,400	10,500	8,840	7,410	6,170	5,070	400.3	40
MLU434	JEHS-0500-B3-M-3	15,300	12,900	10,850	9,120	7,600	6,190	400.3	40
MLU437	JEHS-0600-B3-M-3	18,200	15,400	13,000	10,950	9,130	7,420	400.3	43
MLU439	JEHS-0680-B3-M-3	20,000	16,950	14,350	12,100	10,150	8,240	400.3	43
MLU442	JEHS-0800-B4-M-3	-	22,100	18,450	15,200	12,300	9,670	400.3	46
MLU452	JEHS-1000-B4-M-3	-	27,300	22,800	18,800	15,250	12,150	400.3	48
MLU456	JEHS-1300-B4-M-3	38,100	32,674	27,761	23,283	19,164	15,327	400.3	46
MLU458	JEHS-1500-B6-M-3	49,399	42,072	35,458	29,487	24,093	19,205	400.3	48

R407F MT -15 to +5°C

MLU403	JEHS-0200-B2-M-1	-	5,710	4,780	3,980	3,260	2,620	230.1	33
MLU407	JEHS-0200-B2-M-3	-	5,650	4,730	3,930	3,220	2,590	400.3	33
MLU409	JEHS-0250-B2-M-1	-	6,680	5,560	4,590	3,730	2,960	230.1	34
MLU411	JEHS-0250-B2-M-3	-	6,680	5,600	4,660	3,850	3,140	400.3	34
MLU417	JEHS-0300-B2-M-1	-	7,690	6,460	5,410	4,500	3,710	230.1	36
MLU418	JEHS-0300-B2-M-3	-	7,650	6,430	5,370	4,450	3,630	400.3	36
MLU427	JEHS-0350-B3-M-1	-	9,570	7,940	6,570	5,390	4,400	230.1	37
MLU429	JEHS-0350-B3-M-3	-	9,910	8,250	6,830	5,610	4,550	400.3	37
MLU430	JEHS-0400-B3-M-1	-	12,200	10,150	8,400	6,850	5,490	230.1	37
MLU432	JEHS-0400-B3-M-3	-	11,800	9,850	8,130	6,620	5,280	400.3	37
MLU434	JEHS-0500-B3-M-3	-	14,250	11,850	9,770	7,990	6,440	400.3	38
MLU437	JEHS-0600-B3-M-3	-	16,500	13,850	11,450	9,360	7,450	400.3	40
MLU439	JEHS-0680-B3-M-3	-	18,100	15,200	12,650	10,400	8,360	400.3	40
MLU442	JEHS-0800-B4-M-3	-	22,500	18,800	15,550	12,650	10,000	400.3	43
MLU452	JEHS-1000-B4-M-3	-	29,200	24,200	19,750	15,950	12,100	400.3	43
MLU456	JEHS-1300-B4-M-3	-	35,993	30,698	25,680	20,911	16,364	400.3	46
MLU458	JEHS-1500-B6-M-3	52,698	45,240	38,288	31,810	25,770	20,136	400.3	48

R449A LT -20 to -40°C

Code	Model	Capacity (Watts) - Evaporating Temperature					Supply	Noise level
		-20	-25	-30	-35	-40		
MLU466	JEHS-0300-B2-L-3	3,030	2,480	1,990	1,580	1,230	400.3	28
MLU473	JEHS-0400-B3-L-3	5,480	3,790	3,030	2,380	1,820	400.3	35
MLU478	JEHS-0500-B3-L-3	5,750	4,480	3,600	2,850	2,200	400.3	36
MLU483	JEHS-0600-B3-L-3	6,310	5,160	4,150	3,250	2,430	400.3	41
MLU487	JEHS-0750-B4-L-3	8,370	6,900	5,630	4,510	3,550	400.3	41
MLU488	JEHS-0950-B4-L-3	8,750	7,250	5,970	4,860	3,880	400.3	37
MLU490	JEHS-1150-B4-L-3	11,200	9,390	7,730	6,230	4,920	400.3	42

R407A LT -20 to -40°C

Code	Model	Capacity (Watts) - Evaporating Temperature					Supply	Noise level
		-20	-25	-30	-35	-40		
MLU466	JEHS-0300-B2-L-3	2,840	2,330	1,890	1,510	1,180	400.3	28
MLU473	JEHS-0400-B3-L-3	4,520	3,640	2,900	2,290	1,770	400.3	35
MLU478	JEHS-0500-B3-L-3	5,450	4,390	3,510	2,770	2,140	400.3	36
MLU483	JEHS-0600-B3-L-3	6,460	5,220	4,180	3,310	2,560	400.3	41
MLU487	JEHS-0750-B4-L-3	8,410	6,790	5,440	4,290	3,320	400.3	41
MLU488	JEHS-0950-B4-L-3	8,560	7,140	5,980	4,960	3,940	400.3	37
MLU490	JEHS-1150-B4-L-3	10,900	9,120	7,620	6,240	4,810	400.3	42

Electrical data - LT

Model	Compressor model*	Current		Power supply voltage
		FLA	LRA	
JEHS-0200-B2-M-1	ZB15KQE-PFJ	18.5	58.0	230.1.50
JEHS-0200-B2-M-3	ZB15KQE-TFD	7.0	26.0	400.3.50
JEHS-0250-B2-M-1	ZB19KQE-PFJ	20.5	61.0	230.1.50
JEHS-0250-B2-M-3	ZB19KQE-TFD	7.0	32.0	400.3.50
JEHS-0300-B2-M-1	ZB21KQE-PFJ	21.5	82.0	230.1.50
JEHS-0300-B2-M-3	ZB21KQE-TFD	10.3	40.0	400.3.50
JEHS-0350-B2-M-1	ZB26KQE-PFJ	25.0	97.0	230.1.50
JEHS-0350-B2-M-3	ZB26KQE-TFD	9.0	46.0	400.3.50
JEHS-0350-B3-M-1	ZB26KQE-PFJ	25.0	97.0	230.1.50
JEHS-0350-B3-M-3	ZB26KQE-TFD	9.0	46.0	400.3.50
JEHS-0400-B3-M-1	ZB29KQE-PFJ	28.0	114.0	230.1.50
JEHS-0400-B3-M-3	ZB29KQE-TFD	11.0	50.0	400.3.50
JEHS-0500-B3-M-3	ZB38KQE-TFD	13.5	65.5	400.3.50
JEHS-0600-B3-M-3	ZB45KQE-TFD	14.2	74.0	400.3.50
JEHS-0680-B3-M-3	ZB48KQE-TFD	19.1	101.0	400.3.50
JEHS-0800-B4-M-3	ZB57KQE-TFD	21.3	102.0	400.3.50
JEHS-1000-B4-M-3	ZB76KQE-TFD	28.0	118.0	400.3.50
JEHS-1300-B4-M-3	ZB95K5E-TFD	34.0	140.0	400.3.50
JEHS-1500-B6-M-3	ZB114K5E-TFD	38.0	174.0	400.3.50

Technical data - LT

Model	Dimensions (mm)			Weight (kg)	Connections (inch)*		Receiver Volume (l)	No of fans	Noise level dB (a)
	Width	Depth	Height		Liq	Suct			
JEHS-0200-B2-M-1	1101	444	662	70	3/8	3/4	4.5	1	33
JEHS-0200-B2-M-3	1101	444	662	70	3/8	3/4	4.5	1	33
JEHS-0250-B2-M-1	1101	444	662	72	3/8	3/4	4.5	1	34
JEHS-0250-B2-M-3	1101	444	662	72	3/8	3/4	4.5	1	34
JEHS-0300-B2-M-1	1101	444	662	74	3/8	3/4	4.5	1	36
JEHS-0300-B2-M-3	1101	444	662	74	3/8	3/4	4.5	1	36
JEHS-0350-B2-M-1	1101	444	662	74	3/8	3/4	7.6	1	39
JEHS-0350-B2-M-3	1101	444	662	74	3/8	3/4	7.6	1	39
JEHS-0350-B3-M-1	1353	575	872	112	1/2	3/4	7.6	1	37
JEHS-0350-B3-M-3	1353	575	872	112	1/2	3/4	7.6	1	37
JEHS-0400-B3-M-1	1353	575	872	119	1/2	7/8	7.6	1	37
JEHS-0400-B3-M-3	1353	575	872	119	1/2	7/8	7.6	1	37
JEHS-0500-B3-M-3	1353	575	872	123	1/2	7/8	7.6	1	38
JEHS-0600-B3-M-3	1353	575	872	125	1/2	1 1/8	7.6	1	40
JEHS-0680-B3-M-3	1353	575	872	126	1/2	1 1/8	7.6	1	40
JEHS-0800-B4-M-3	1348	612	1727	204	3/4	1 1/8	13.6	2	43
JEHS-1000-B4-M-3	1348	612	1727	226	3/4	1 3/8	13.6	2	43
JEHS-1300-B4-M-3	1348	612	1727	238	3/4	1 3/8	13.6	2	46
JEHS-1500-B6-M-3	1735	854	1727	332	3/4	1 3/8	18.0	2	48

Model	Compressor Mod.	Current		Power supply
		FLA	LRA	
JEHS-0300-B2-L-3	ZF09KQE-TFD	6.5	40.0	400.3.50
JEHS-0400-B3-L-3	ZF13KQE-TFD	10.0	51.5	400.3.50
JEHS-0500-B3-L-3	ZF15KQE-TFD	12.0	64.0	400.3.50
JEHS-0600-B3-L-3	ZF18KQE-TFD	12.5	74.0	400.3.50
JEHS-0750-B4-L-3	ZF25K5E-TFD	16.6	102.0	400.3.50
JEHS-0950-B4-L-3	ZF18KVE-TFD-EVI	13.0	74.0	400.3.50
JEHS-1150-B4-L-3	ZFI36KQE-TFD-EVI	20.5	102.0	400.3.50

Model	Dimensions (mm)			Weight (kg)	Connections (inch)*		Receiver Volume (l)	No of fans	Noise level dB (a)
	Width	Depth	Height		Liq	Suct			
JEHS-0300-B2-L-3	1101	444	662	78	3/8	3/4	4.5	1	33
JEHS-0400-B3-L-3	1353	575	872	132	1/2	7/8	4.5	1	37
JEHS-0500-B3-L-3	1353	575	872	132	1/2	7/8	7.6	1	39
JEHS-0600-B3-L-3	1353	575	872	133	1/2	7/8	7.6	1	41
JEHS-0750-B4-L-3	1348	612	1727	203	1/2	1 1/8	7.6	2	41
JEHS-0950-B4-L-3	1348	612	1727	200	1/2	7/8	13.6	2	37
JEHS-1150-B4-L-3	1348	612	1727	211	1/2	1 1/8	13.6	2	42