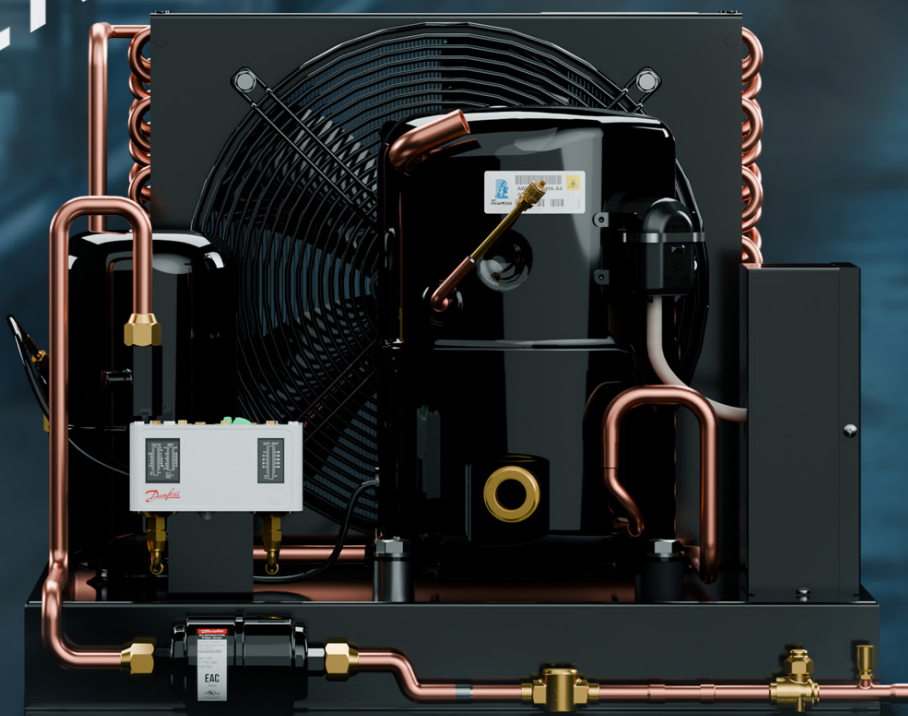


COOLING INNOVATION POWERED BY DECADES OF EXPERTISE



Kaltru

HIGH-AMBIENT CONDENSING UNITS
ENGINEERED FOR RELIABILITY

POWERED BY GLOBAL BRANDS



Email : info@onerefrigeration.com

www.onerefrigeration.com



“ At **Kaltru**, we bring together over three decades of refrigeration expertise and modern engineering to design condensing units that perform reliably in demanding, high-ambient environments. Operating from the GCC, our systems are engineered for commercial and industrial applications where durability, efficiency, and serviceability matter most. Every Kaltru unit is factory-assembled, tested, and supported with a long-term commitment to performance and customer confidence.

”

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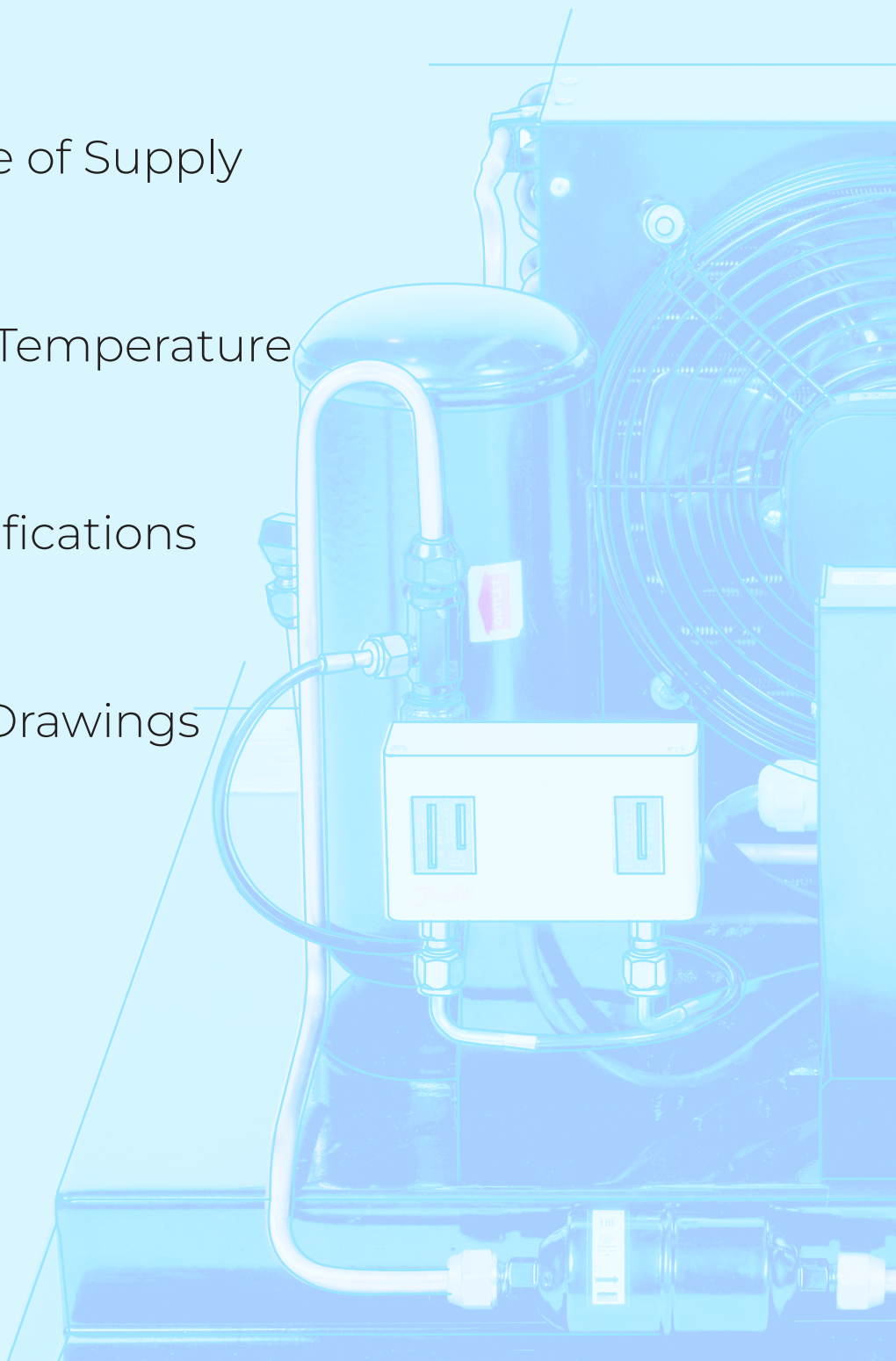
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OVERVIEW

ABOUT US

ONE Standard for Refrigeration Excellence

ONE Refrigeration is a modern refrigeration company based in the UAE, focused on building reliable and efficient systems for commercial and industrial refrigeration. With over 30 years of experience, we bring together strong technical know-how, advanced manufacturing techniques, and customer driven solutions to deliver products that perform in real-world conditions.

WHAT SETS US APART

KALTRU is the signature brand of ONE Refrigeration, created to stand for quality, durability, and performance. Every Kaltru condensing unit is built with premium parts and advanced engineering, designed to deliver long life, energy savings, and dependable operation even in the toughest environments.

VISION

Leading the Future of Refrigeration



To establish ONE Refrigeration as a trusted regional OEM for high-performance condensing units, setting benchmarks in high-ambient efficiency, product reliability, and engineering standardization.

MISSION

Reliability Without Compromise

To design, manufacture, and supply dependable refrigeration systems using standardized engineering, globally proven components, and rigorous quality controls—delivering long-term value to commercial and industrial customers.



WHY CHOOSE **KALTRU**

01 **Unwavering** Commitment To Quality

Kaltru products are built on reliability, performance, and strict adherence to global standards — ensuring confidence in every application.

Value That Lasts

Our solutions go beyond cooling, delivering measurable benefits such as lower operating costs, optimized performance, and long-term efficiency.

02

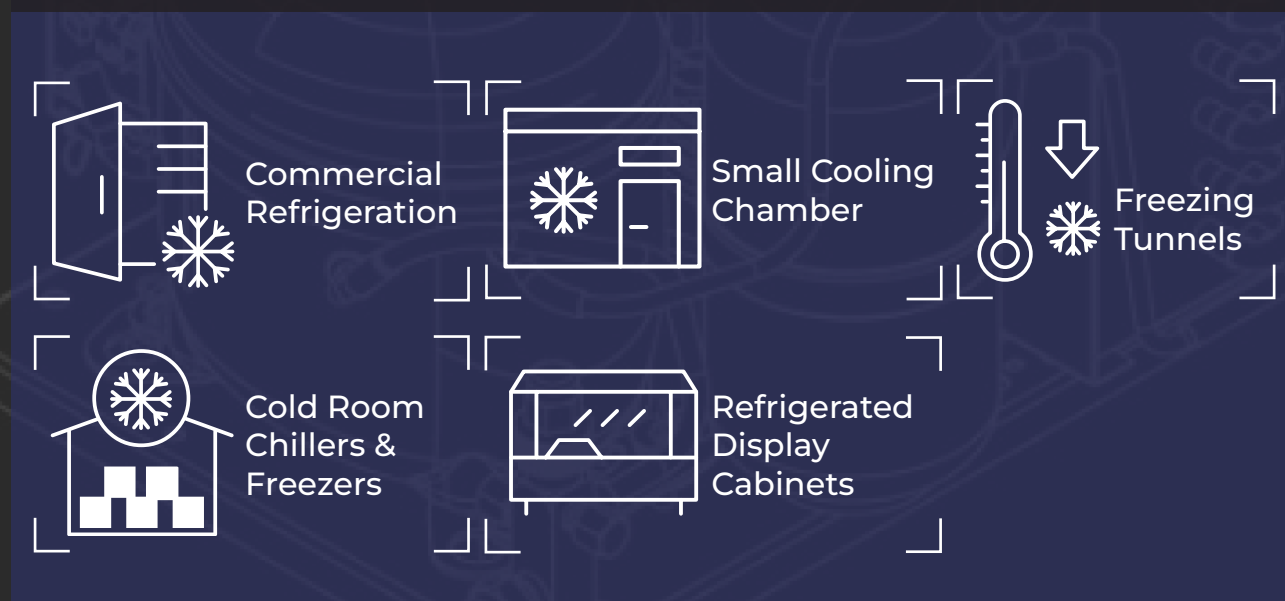
03 **A Brand You Can Trust**

Choosing **Kaltru** means choosing innovation, sustainability, and customer-first service. We design refrigeration systems built for dependability today and a smarter, more efficient tomorrow.



KEY FEATURES	BENEFITS
Reliable Compressors Precise temperature control ensures dependable performance in cold storage and Refrigerated Display Cabinets	Exceptional Strength Premium build ensures unmatched structural integrity and durability.
Premium Components Trusted performance and long-lasting reliability using high-grade parts from global brands.	Wide Temperature Range Reliable operation across extreme conditions, from freezing cold to high ambient heat.
Efficient Condenser Coils Leak-proof, optimized design delivers consistent cooling even in harsh conditions.	Sophisticated Design Sleek, modern finish combines technical performance with visual appeal.
Durable Construction Tough, coated body resists wear, extending service life and reliability.	Low Maintenance Built for durability to reduce servicing needs and minimize operating costs.
Quiet Operation Vibration control and balanced fans minimize noise for smooth, quiet performance.	Easy Installation Designed for fast, straightforward, and efficient on-site assembly.

APPLICATIONS



UNCOMPROMISING PERFORMANCE

TRUSTED COMPONENTS

Kaltru condensing units deliver reliable, efficient performance with trusted Hermetic Compressors. **Danfoss™** pressure controls ensure precise protection, while anti-vibration absorber enhance durability. Built for high ambient conditions, over sized coils, grooved copper tubes, and optimized fans provide excellent heat transfer and quiet operation. Each unit embodies Kaltru's commitment to quality with globally recognized components you can trust

Condenser Fan

High Efficiency Fans with grooved blades, optimized impeller, and diffuser for high airflow and low noise.

Condenser Coil

High Grade Copper and Aluminium Condenser Coil for optimum heat exchange.

Dual Pressure Switch

Danfoss™ Dual Pressure Switch protects the system by monitoring and controlling both high and low pressure levels.

Compressors

Powered by high quality hermetic reciprocating & Scroll compressors.

COMMON REFRIGERANTS



R452A	R449A R448A	R134A	R407C	R404A R507
R513A R450A	R407F	R22	R407A	R290

FACTORY ASSEMBLY & QUALITY ASSURANCE

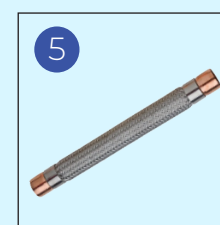
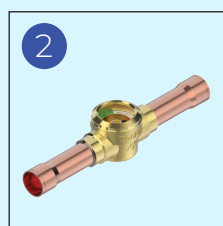
All Kaltru condensing units are factory-assembled and inspected by qualified refrigeration technicians. Each unit undergoes rigorous quality checks, including component verification, pressure testing, electrical inspection, and workmanship validation, ensuring reliable performance and long service life in demanding operating conditions.

STANDARD SCOPE OF SUPPLY



- ① Liquid Receiver
- ② Dual Hp/Lp Switch
- ③ Compressor Crankcase heater
- ④ Vibration Absorber
- ⑤ Starting Kit

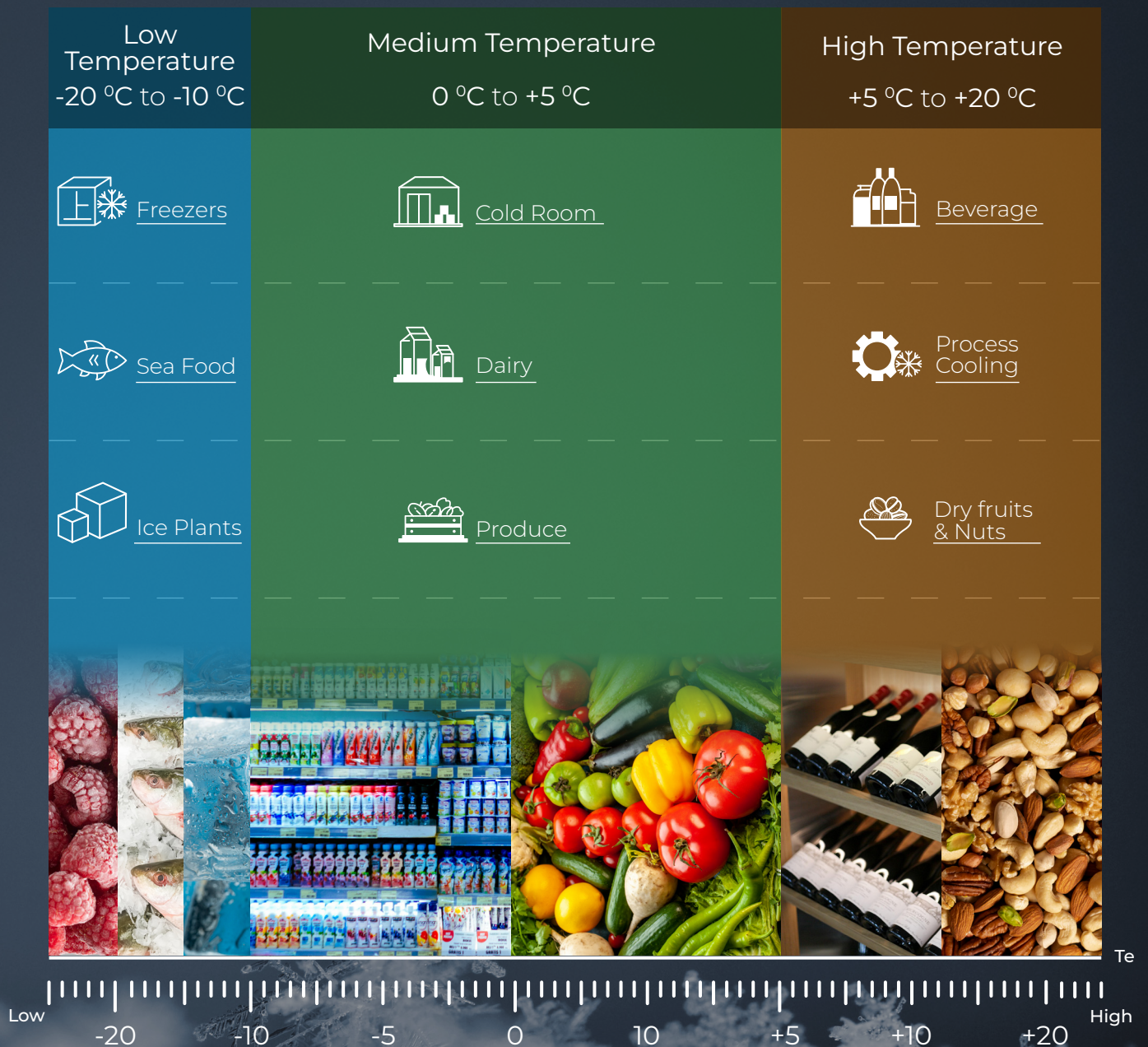
ADDITIONAL COMPONENTS (OPTIONAL)



- ① Suction accumulator
- ② Sight Glass
- ③ Ball Valve
- ④ Filter Driers
- ⑤ Suction vibration absorber (only in scroll units)

APPLICATIONS BY TEMPERATURE

Kaltru Condensing Units are engineered to provide precise and efficient cooling across a wide spectrum of temperature requirements, ensuring optimal preservation for diverse applications. The selection of the appropriate condensing unit model is primarily determined by the desired evaporation temperature (T_e) with-in the refrigerated space and the ambient condensing temperature (T_c).



KALTRU HERMETIC CONDENSING UNIT SERIES

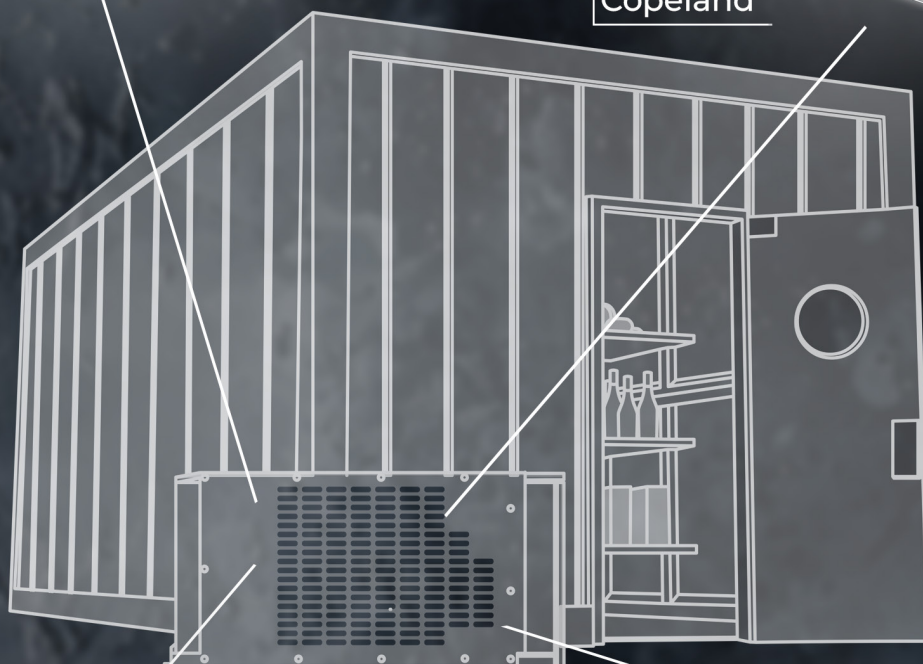
“Your choice, crafted with **precision** and **quality**”



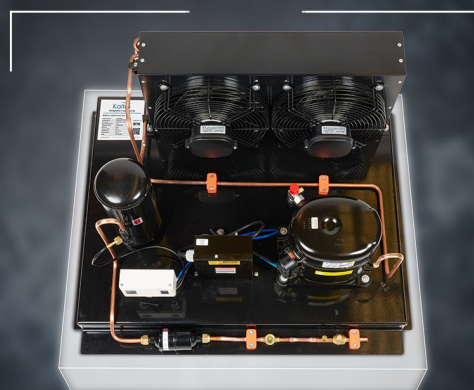
SECOP



Copeland



Tecumseh



Embraco

TECHNICAL SPECIFICATIONS TECUMSEH RECIP SERIES

Nomenclature Tecumseh Condensing Units



KAL009S-AWS4525YXC			
KAL	009	P	AWS4525YXC
Kaltru Refrigeration Condensing Unit	Condenser Model KS 009	P - Premium Unit S - Standard Unit	Compressor Model

Nomenclature Tecumseh Compressors

AW S 4 5 25 Y XC						
AW	S	4	5	25	Y	XC
Compressor Family	Generation Variant	Application 2 - Low Temp 4 - High Temp 6 - Medium Temp	Number of Digits in Rated BTUs Capacity	First 2 Digits of Rated BTUs Capacity	Refrigerant Y - R 134A Z - R404A U - R 290	Voltage Codes XC - 220 V, 50Hz, 1 Ph XG - 400 V, 3 Ph

Kaltru Tecumseh CDU HMBP - R134A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S--AE4460YGH	AE 4460 YGH	1/2	1.25	0.64
02	KAL003S-TYA4475YKS	TYA 4475 YKS	3/4	1.87	0.82
03	KAL005S-AWS4515YGE	AWS 4515 YGE	1.25	2.86	1.17
04	KAL007S-AWS4518YXC	AWS 4518 YXC	1.5	3.53	1.43
05	KAL009S-AWS4525YXC	AWS 4525 YXC	2.0	4.83	1.97
06	KAL012S-AWS4527YUZ	AWS 4527 YUZ	2.0	6.10	2.60

* Cooling Capacity and Power Input at Te: +5 °C and Tc: +55 °C

Kaltru Tecumseh CDU MBP - R134A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-AWS4515YUZ	AWS 4515 YUZ	1.25	1.92	0.94
02	KAL005S-AWS4518YUZ	AWS 4518 YUZ	1.5	2.20	1.14
03	KAL007S-AWS4525YUZ	AWS 4525 YUZ	2.0	3.26	1.57
04	KAL007S-AWS4527YUZ	AWS 4527 YUZ	2.0	3.79	2.63

* Cooling Capacity and Power Input at Te: -5 °C and Tc: +55 °C

Data is subject to change without Notice

TECHNICAL SPECIFICATIONS TECUMSEH RECIP SERIES

Kaltru Tecumseh **CDU MBP - R404A**

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL007S-AWS4532ZXG	AWS 4532 ZXG	2-1/4	3.65	2.02
02	KAL009S-AWS4538ZXG	AWS 4538 ZXG	3.0	4.81	2.64
03	KAL012S-AWS4544ZXG	AWS 4544 ZXG	3-1/2	5.31	3.11
04	KAL012S-TAG4546ZTZ	TAG 4546 ZTZ	4.0	5.36	3.17
05	KAL-012S-TAG4553ZTZ	TAG 4553 ZTZ	4-1/2	6.10	3.61
06	KAL017S-TAG4573ZTZ	TAG 4573 ZTZ	6.0	9.02	5.09
07	KAL022S-TAG4581ZTZ	TAG 4581 ZTZ	6-1/2	10.04	5.89

* Cooling Capacity and Power Input at Te: -7.5 °C and Tc: +50 °C

Kaltru Tecumseh **CDU LBP - R404A**

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL005S-AWS2470ZGE	AWS 2470 ZGE	1-1/2	1.29	1.55
02	KAL005S-AWS2495ZGE	AWS 2495 ZGE	2.25	1.87	1.61
03	KAL007S-AWS2512ZTZ	AWS 2512 ZTZ	3-1/2	2.56	2.14
04	KAL009S-TAG2516ZTZ	TAG 2516 ZTZ	4.0	3.18	2.79
05	KAL012S-TAG2522ZTZ	TAG 2522 ZTZ	5-1/2	4.06	3.41

* Cooling Capacity and Power Input at Te: -25 °C and Tc: +50 °C

Kaltru Tecumseh **CDU MBP - R404A**

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL005S-AWS4516ZXN	AWS 4516 ZXN	1-1/2	1.90	1.13
02	KAL005S-AWS4522ZXN	AWS 4522 ZXN	2	2.68	1.67
03	KAL007S-AWS4532ZXN	AWS 4532 ZXN	2-1/2	3.80	2.31

* Cooling Capacity and Power Input at Te: -7.5 °C and Tc: +50 °C

TECHNICAL SPECIFICATIONS TECUMSEH RECIP SERIES

Kaltru Tecumseh **CDU MBP - R290**

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-ALX430UFZ3A	ALX 430U FZ3A	1/2	1.17	0.49
02	KAL003S-ALX435UFZ3A	ALX 435U FZ3A	3/4	1.33	0.62
03	KAL003S-ALX440UFZ3A	ALX 440U FZ3A	3/4	1.68	0.68
04	KAL003S-CAJ4513UFZ3B	CAJ 4513U FZ3B	1.0	1.82	0.88
05	KAL-005S-CAJ4518UFZ3C	CAJ 4518U FZ3C	1.0	2.52	1.28
06	KAL005S-FH4522UXC3A	FH 4522U XC3A	1-1/4	3.11	1.34
07	KAL009S-FH4535UXC3A	FH 4535U XC3A	2.0	5.19	2.14

* Cooling Capacity and Power Input at Te: -7.5 °C and Tc: +45 °C

Kaltru Tecumseh **CDU LBP - R290**

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-ALX430UFZ3A	ALX 430U FZ3A	1/2	0.53	0.37
02	KAL003S-ALX435UFZ3A	ALX 435U FZ3A	3/4	0.64	0.47
03	KAL003S-ALX440UFZ3A	ALX 440U FZ3A	3/4	0.75	0.52
04	KAL003S-CAJ2446UFZ3C	CAJ 2446U FZ3C	3/4	0.83	0.71
05	KAL003S-CAJ2464UFZ3C	CAJ 2464U FZ3C	3/4	1.19	0.98
06	KAL005S-FH2480UXC3A	FH 2480U XC3A	1.0	1.56	1.19
07	KAL005S-FH2511UXC3A	FH 2511U XC3A	1-1/4	2.05	1.69

* Cooling Capacity and Power Input at Te: -25 °C and Tc: +45 °C



Data is subject to change without Notice

TECHNICAL SPECIFICATIONS EMBRACO RECIP SERIES

Nomenclature Embraco Recip Condensing Units



KAL003S-NEK6213GK

KAL	003	P	NEK6213GK
Kaltru Refrigeration Condensing Unit	Condenser Model KS 003	P - Premium Unit S - Standard Unit	Compressor Model

Nomenclature Embraco Recip Compressors

NE K 6 213 GK

NE	K	6	2	13	GK
Compressor Family	Efficiency Level	Application 2 - LBP HST 4 - LMHP HST 6 & 9 - HMBP HST	Number of Zeros to be added to Cooling Capacity	Cooling Capacity in kcal/hr	Refrigerant Z - R134A GK - R404A U - R290

Kaltru Embraco Reciprocating CDU MBP - R404A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-NEK6213GK	NEK 6213 GK	1/2	1.36	0.69
02	KAL003S-NEU6220GK	NEU 6220 GK	3/4	1.75	0.80
03	KAL005S-NT6226GK	NT 6226 GK	1.00	2.46	1.16
04	KAL005S-NJ9232GK	NJ 9232 GK	1.25	2.96	1.21
05	KAL-007S-NJ9238GK	NJ 9238 GK	1.50	3.54	1.67
06	KAL007S-NJX6250GK	NJX 6250 GK	2.00	4.57	1.94

* Cooling Capacity and Power Input at Te: -5 °C and Tc: +45 °C

Kaltru Embraco Reciprocating CDU LBP - R404A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-NEK2150GK	NEK 2150 GK	1/2	0.61	0.47
02	KAL003S-NEU2178GKA	NEU 2178 GKA	3/4	0.87	0.55
03	KAL003S-NT2180GK	NT 2180 GK	1.00	0.98	0.67
04	KAL003S-NJ2192GJ	NJ 2192 GJ	1.25	1.19	0.87
05	KAL-005S-NJ2212GK	NJ 2212 GK	1.50	1.57	1.09
06	KAL005S-NJX2219GK	NJX 2219 GK	2.00	2.02	1.29

* Cooling Capacity and Power Input at Te: -25 °C and Tc: +45 °C

TECHNICAL SPECIFICATIONS EMBRACO RECIP SERIES

Kaltru Embraco Reciprocating CDU MBP - R290

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-NEK6214U	NEK 6214U	1/2	1.06	0.48
02	KAL003S-NEX6217UA	NEX 6217UA	3/4	1.32	0.56
03	KAL003S-NT6224U	NT 6224U	1.00	1.87	0.89
04	KAL005S-NT6230U	NT 6230U	1.25	2.37	1.08
05	KAL005S-NTX6238U	NTX 6238U	1.50	2.96	1.35
06	KAL007S-NJX6244U	NJX 6244U	1.75	3.39	1.53

* Cooling Capacity and Power Input at Te: -5 °C and Tc: +45 °C

Kaltru Embraco Reciprocating CDU LBP - R290

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-NEU2155U	NEU 2155U	1/2	0.56	0.37
02	KAL003S-NT2160U	NT 2160U	3/4	0.62	0.45
03	KAL003S-NT2170U	NT 2170U	1.00	0.74	0.54
04	KAL003S-NT2210U	NT 2210U	1.25	1.05	0.78
05	KAL-005S-NTX2213U	NTX 2213U	1.50	1.34	0.97
06	KAL005S-NJX2215U	NJX 2215U	1.75	1.46	1.02

* Cooling Capacity and Power Input at Te: -25 °C and Tc: +45 °C



Data is subject to change without Notice

TECHNICAL SPECIFICATIONS SECOP RECIP SERIES

Nomenclature Secop Recip Condensing Units



KAL003P-SC15CLX.2			
KAL	003	P	SC15CLX.2
Kaltru Refrigeration Condensing Unit	Condenser Model KS 003	P - Premium Unit S - Standard Unit	Compressor Model

Nomenclature Secop Recip Compressors

SC 15 C L X 2						
S	C	15	C	L	X	2
Compressor Family	Motor Protection Location	Displacement cc/rev	Application M - MBP C - LMBP	Refrigerant L - R404A F - R134A	Starting Torque X - HST K - LST	Genetration 2 - Second Gen

Kaltru Secop Reciprocating CDU MBP - R290

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-SC15CNX	SC 15 CNX	1/2	1.33	0.61
02	KAL003S-SC18CNX	SC 18 CNX	3/4	1.54	0.78
03	KAL003S-SCE21MNX	SCE 21 MNX	1.0	1.96	0.77
04	KAL005S-SCE23MNDX	SCE 23 MNDX	1-1/4	2.14	0.85
05	KAL005S-SCE25MNDX	SCE 25 MNDX	1.5	2.33	0.93

* Cooling Capacity and Power Input at Te: -5 'C and Tc: +45 'C

Kaltru Secop CDU LBP - R290

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-SC15CNX	SC 15 CNX	1/2	0.55	0.42
02	KAL003S-SC18CNX	SC 18 CNX	3/4	0.64	0.50
03	KAL003S-SCE21CNX2	SCE 21 CNX2	1.0	0.83	0.62
04	KAL003S-SCE23LNDX	SCE 23 LNDX	1-1/4	0.96	0.61
05	KAL003S-SCE25LNDX	SCE 25 LNDX	1.5	1.06	0.68

* Cooling Capacity and Power Input at Te: -25 'C and Tc: +45 'C

TECHNICAL SPECIFICATIONS SECOP RECIP SERIES

Kaltru Secop Reciprocating CDU MBP - R134A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-SC15MFX	SC 15 MFX	1/2	0.93	0.41
02	KAL003S-SC18MFX	SC 18 MFX	5/8	1.09	0.50
03	KAL003S-SC21MFX	SC 21 MFX	3/4	1.34	0.58
04	KAL003S-GS26MFX	GS 26 MFX	1.0	1.67	0.72
05	KAL005S-GS34MFX	GS 34 MFX	1-1/4	2.16	0.92

* Cooling Capacity and Power Input at Te: -5 °C and Tc: +37 °C

Kaltru Secop CDU LBP - R404A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL003S-SC15CLX2	SC 15 CLX2	3/4	0.73	0.56
02	KAL003S-SC18CL	SC 18 CL	7/8	0.85	0.60
03	KAL003S-SC21CL	SC 21 CL	1.0	0.94	0.69
04	KAL003S-GS26CLX	GS 26 CLX	1-1/4	1.28	0.90
05	KAL005S-GS34CLX	GS 34 CLX	1-1/2	1.71	1.26

* Cooling Capacity and Power Input at Te: -25 °C and Tc: +37 °C



TECHNICAL SPECIFICATIONS COPELAND SCROLL SERIES

Nomenclature Copeland Scroll Condensing Units



KAL007S-ZB 15 KQE

KAL	007	P S	ZB 15 KQE
Kaltru Refrigeration Condensing Unit	Condenser Model KC 007	P - Premium Unit S - Standard Unit	Compressor Model

Nomenclature Copeland Scroll Compressors

Z B 15 K Q E T F D

Z	B	15	K	Q	E	T	F	D
Compressor Family Scroll	Application B - MBP F - LBP	Nominal BTUs	BTUs Multiplier K - 1000	Generation Q - Gen 1 N - Gen 2	Lubricant E - POE	Motor Voltage Code T - 3 Ph P - 1 Ph	Protection Location F - Internal E, R, W - External	Voltage D - 380 Volts J - 220 Volts

Kaltru Copeland Scroll CDU MBP - R404A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL007S-ZB 15 KQE	ZB 15 KQE	2.0	3.25	2.07
02	KAL009S-ZB 19 KQE	ZB 19 KQE	2.5	4.18	2.35
03	KAL009S-ZB 21 KQE	ZB 21 KQE	3.0	5.00	2.82
04	KAL011S-ZB 26 KQE	ZB 26 KQE	3.5	5.85	3.29
05	KAL015S-ZB 29 KQE	ZB 29 KQE	4.0	6.70	3.73
06	KAL015S-ZB 38 KQE	ZB 38 KQE	5.0	8.60	4.71
07	KAL017S-ZB 45 KQE	ZB 45 KQE	6.0	10.05	5.35
08	KAL022S-ZB 48 KQE	ZB 48 KQE	7.0	11.05	5.87
09	KAL022S-ZB 58 KQE	ZB 58 KQE	8.0	13.35	7.08
10	KAL028S-ZB 66 KQE	ZB 66 KQE	9.0	15.00	7.90
11	KAL035S-ZB 76 KQE	ZB 76 KQE	10.0	17.90	9.18
12	KAL040S-ZB 95 KQE	ZB 95 KQE	13.0	21.70	11.90

* Cooling Capacity and Power Input at Te: -7.5 °C and Tc: +50 °C

TECHNICAL SPECIFICATIONS COPELAND SCROLL SERIES

Kaltru Copeland Scroll CDU LBP - R404A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL007S-ZF 06 KQE	ZF 06 KQE	2.0	1.86	1.75
02	KAL007S-ZF 08 KQE	ZF 08 KQE	2.5	2.29	2.14
03	KAL007S-ZF 09 KQE	ZF 09 KQE	3.0	2.53	2.06
04	KAL009S-ZF 11 KQE	ZF 11 KQE	3.5	3.15	2.53
05	KAL011S-ZF 13 KQE	ZF 13 KQE	4.0	3.62	2.94
06	KAL015S-ZF 15 KQE	ZF 15 KQE	5.0	4.44	3.73
07	KAL015S-ZF 18 KQE	ZF 18 KQE	6.0	5.29	4.13
08	KAL017S-ZF 25 KQE	ZF 25 KQE	7.5	6.72	5.12
09	KAL022S-ZF 28 KQE	ZF 28 KQE	9.0	7.97	6.11
10	KAL028S-ZF 34 KQE	ZF 34 KQE	10.0	9.01	6.93
11	KAL028S-ZF 41 KQE	ZF 41 KQE	13.0	10.55	8.48
12	KAL035S-ZF 49 KQE	ZF 49 KQE	15.0	13.20	9.97
13	KAL040S-ZF 54 KQE	ZF 54 KQE	17.0	15.25	11.75

* Cooling Capacity and Power Input at Te: -25 °C and Tc: +50 °C



Data is subject to change without Notice

TECHNICAL SPECIFICATIONS EMBRACO SCROLL SERIES

Nomenclature Embraco Scroll Condensing Units

KAL007P-SE6015GK-C			
KAL	007	P	SE6015GK-C
Kaltru Refrigeration Condensing Unit	Condenser Model KC 007	P - Premium Unit S - Standard Unit	Compressor Model

Nomenclature Embraco Scroll Compressors

SE 6 015 GK C				
SE	6	015	GK	C
Scroll Embraco	Application 6 - MBP 2 - LBP	Nominal BTUs in thousands	Refrigerants & Power GS - R404A, R134A, 3 Phase GK-R404A, R134A, 1 Phase	Motor Voltage Code C - 220 V, 1 Ph O - 400 V, 3 Ph

Kaltru Embraco Scroll CDU MBP - R404A

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL007S-SE6015GK-C	SE 6015 GK - C	2.0	3.72	2.11
02	KAL009S-SE6018GK-C	SE 6018 GK - C	2.5	4.44	2.47
03	KAL009S-SE6021GK-C	SE 6021 GK - C	3.0	5.05	2.75
04	KAL011S-SE6026GK-C	SE 6026 GK - C	3.5	6.37	3.35
05	KAL015S-SE6030GK-C	SE 6030 GK - C	4.0	7.22	3.68
06	KAL007S-SE6015GS-O	SE 6015 GS - O	2.0	3.72	2.08
07	KAL007S-SE6018GS-O	SE 6018 GS - O	2.5	4.44	2.35
08	KAL009S-SE6021GS-O	SE 6021 GS - O	3.0	5.05	2.60
09	KAL011S-SE6026GS-O	SE 6026 GS - O	3.5	6.37	3.29
10	KAL015S-SE6030GS-O	SE 6030 GS - O	4.0	7.22	3.61
11	KAL015S-SE6036GS-O	SE 6036 GS - O	5.0	8.87	4.34
12	KAL017S-SE6043GS-O	SE 6043 GS - O	6.0	10.54	5.16
13	KAL022S-SE6053GS-O	SE 6053 GS - O	7.0	12.78	6.25
14	KAL022S-SE6056GS-O	SE 6056 GS - O	8.0	13.46	6.58
15	KAL028S-SE6067GS-O	SE 6067 GS - O	9.0	16.53	8.09

* Cooling Capacity and Power Input at Te: -7.5 °C and Tc: +50 °C

TECHNICAL SPECIFICATIONS EMBRACO SCROLL SERIES

Kaltru Embraco Scroll **CDU MBP - R404A**

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
16	KAL035S-SE6078GS-O	SE 6078 GS - O	10.0	18.64	9.12
17	KAL035S-SE6085GS-O	SE 6085 GS - O	12.0	20.39	9.88
18	KAL035S-SE6089GS-O	SE 6089 GS - O	13.0	21.44	10.39

* Cooling Capacity and Power Input at Te: -7.5 °C and Tc: +50 °C

Kaltru Embraco Scroll **CDU LBP - R404A**

Sr No.	Model Name	Compressor Model	Nominal HP	Cooling Capacity (KW)	Power Input (KW)
01	KAL005S-SE2006GK-C	SE 2006 GK - C	2.0	1.65	1.57
02	KAL007S-SE2008GK-C	SE 2008 GK - C	2.5	2.10	2.02
03	KAL007S-SE2010GK-C	SE 2010 GK - C	3.0	2.47	2.35
04	KAL009S-SE2012GK-C	SE 2012 GK - C	3.5	3.20	3.05
05	KAL011S-SE2014GK-C	SE 2014 GK - C	4.0	3.73	3.24
06	KAL005S-SE2006GS-O	SE 2006 GS - O	2.0	1.65	1.56
07	KAL007S-SE2008GS-O	SE 2008 GS - O	2.5	2.10	1.98
08	KAL007S-SE2010GS-O	SE 2010 GS - O	3.0	2.47	2.30
09	KAL009S-SE2012GS-O	SE 2012 GS - O	3.5	3.20	2.98
10	KAL011S-SE2014GS-O	SE 2014 GS - O	4.0	3.73	3.17
11	KAL011S-SE2017GS-O	SE 2017 GS - O	5.0	4.43	3.64
12	KAL015S-SE2020GS-O	SE 2020 GS - O	6.0	5.19	4.23
13	KAL017S-SE2023GS-O	SE 2023 GS - O	8.0	6.55	5.62
14	KAL022S-SE2028GS-O	SE 2028 GS - O	9.0	7.69	6.34
15	KAL028S-SE2031GS-O	SE 2031 GS - O	10.0	8.92	7.16
16	KAL028S-SE2039GS-O	SE 2039 GS - O	12.0	10.01	8.08

* Cooling Capacity and Power Input at Te: -25 °C and Tc: +50 °C

Data is subject to change without Notice

TECHNICAL SPECIFICATIONS - CONDENSER

Condenser Specifications **KC Series**

Sr No.	Model Name	Number of Fans	Fan Diameter mm	Air Flow (M3/H)	Electrical Supply	Power Input (W)
01	KC005	1	350	2600	380-400/3PH/50Hz	140
02	KC007	1	400	4000	380-400/3PH/50Hz	180
03	KC009	1	450	5500	380-400/3PH/50Hz	250
04	KC011	1	450	5500	380-400/3PH/50Hz	250
05	KC015	1	500	7400	380-400/3PH/50Hz	450
06	KC017	1	630	11785	380-400/3PH/50Hz	550
07	KC022	2	500	14800	380-400/3PH/50Hz	450x2
08	KC028	2	500	14800	380-400/3PH/50Hz	450x2
09	KC035	2	630	23570	380-400/3PH/50Hz	550x2
10	KC040	2	630	23570	380-400/3PH/50Hz	550x2
11	KC045	2	630	24840	380-400/3PH/50Hz	700x2
12	KC055	2	630	24840	380-400/3PH/50Hz	700x2
13	KC064	4	500	29600	380-400/3PH/50Hz	450x4

* Air Flows are defined at 0 Pa Back Pressure

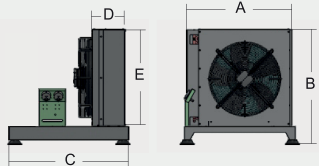
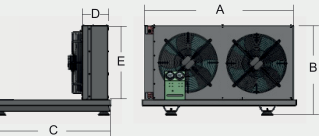
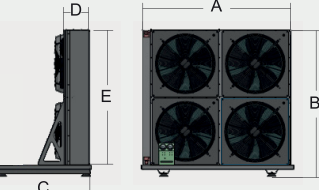
Condenser Specifications **KS Sleek Series**

Sr No.	Model Name	Number of Fans	Fan Diameter mm	Air Flow (M3/H)	Electrical Supply	Power Input (W)
01	KS003	2	250	1900	200-220/1PH/50Hz	60x2
02	KS005	2	300	3700	200-220/1PH/50Hz	85x2
03	KS007	2	350	5200	380-400/3PH/50Hz	140x2
04	KS009	2	350	5200	380-400/3PH/50Hz	140x2
05	KS012	2	350	5200	380-400/3PH/50Hz	140x2
06	KS015	2	400	8000	380-400/3PH/50Hz	180x2
07	KS017	2	400	8000	380-400/3PH/50Hz	180x2

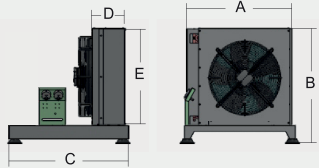
* Air Flows are defined at 0 Pa Back Pressure

TECHNICAL SPECIFICATIONS - CONDENSER

Condenser Dimensions in (mm) **KC Series**

Condenser Model	A	B	C	D	E	DRAWING
KC 005	600	500	605	170	450	
KC 007	700	625	605	170	575	
KC 009	800	650	800	200	600	
KC 011	850	650	800	230	600	
KC 015	1000	750	800	230	700	
KC 017	1000	950	800	230	900	
KC 022	1400	750	900	230	700	
KC 028	1700	825	1000	230	750	
KC 035	1800	1075	1000	270	1000	
KC 040	1800	1075	1000	270	1000	
KC 045	1800	1075	1000	270	1000	
KC 055	2100	1125	1000	280	1050	
KAL 064	1800	1575	1200	280	1500	

Condenser Dimensions in (mm) **KS Sleek Series**

Condenser Model	A	B	C	D	E	DRAWING
KS 003	650	350	605	120	300	
KS 005	800	400	605	130	350	
KS 007	1000	450	605	130	400	
KS 009	1000	450	605	150	400	
KS 012	1100	550	800	160	500	
KS 015	1200	600	800	160	550	
KS 017	1200	650	800	160	600	

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Every unit **we build** is designed for **reliability** and **performance**.

Warehouse No: JB06 ,JAFZA North, Dubai-UAE PO Box :4740

