

## Semi-Hermetic Condensing Units KL

Copeland™ air-cooled indoor condensing units for medium temperature and low temperature applications.

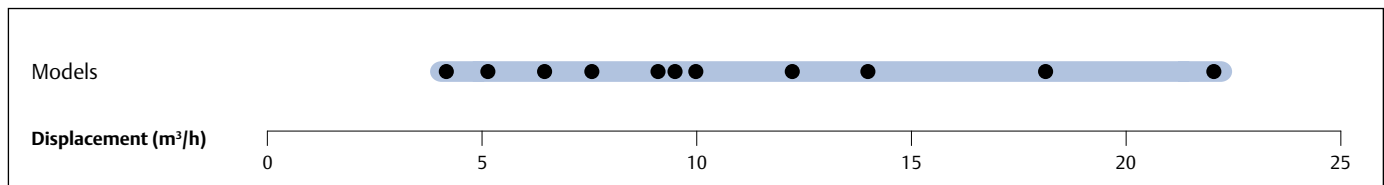
Long-term engineering and manufacturing experience has led to these condensing units with reed valve technology compressors. Their excellent quality and reliability is traditionally well known in the refrigeration industry.

This series of condensing units is equipped with single fan or twin fans which allows for very compact dimensions. The wide range of models offers solutions for most applications including operation in extreme conditions like high evaporation temperatures and high ambient temperatures.



Semi-Hermetic Condensing Unit K/L

### Semi-Hermetic K & L Condensing Units Line-up



#### Features and Benefits

- Standard equipment: compressor, condenser with thermally protected fan(s), discharge line with flexible pipe loop or vibration absorber, liquid receiver with shut-off valve, HP/LP switch with automatic reset
- Suitable for a broad range of refrigerants: R404A, R507, R134a, R407A/C, R22
- Wide range of quality accessories
- Proven reliability

#### Maximum Allowable Pressures (PS)

- Low Side PS 22.5 bar (g)
- High Side PS = 28 bar (g)

## Technical Overview

Models	Displacement (m <sup>3</sup> /h)	Number of fans	Total Fan Motor Power (W)	Suction Line Diameter (inch)	Liquid Line Diameter (inch)	Length/Width/Height (mm)	Net Weight (kg)	Motor Version/Code		Maximum Operating Current, A		Locked Rotor Current, A		Sound Pressure @ 10 m - d(BA)***
								1 Ph*	3 Ph**	1 Ph*	3 Ph**	1 Ph*	3 Ph**	
B8-KM-5X-B		1	85	5/8	1/2	570/560/396	56	CAG	EWL	4.8	1.8	24	12.2	39
B8-KM-7X-B	4.0	1	85	1/2	1/2	570/560/396	57.5		EWL		2.4		12.2	
B8-KJ-7X-B	4.0	1	85	5/8	1/2	570/560/396	57.5	CAG	EWL	5.8	2.3	34.5	12.2	
B8-KJ-10X-B	5.1	1	85	5/8	1/2	570/560/396	57.5	CAG	EWL	7.1	3.2	32.4	15.5	39.4
B8-KSJ-10X-B	6.3	1	85	5/8	1/2	570/560/396	58.5	CAG	EWL	6.7	2.7	32.4	15.5	
B8-KL-15X-B	7.4	1	85	5/8	1/2	570/560/396	57.5	CAG	EWL	8.4	3.4	43	19.1	39.5
D8-KSJ-15X-B	6.3	1	110	7/8	1/2	570/560/446	62	CAG	EWL	9.0	3.4	43	19.1	45.6
D8-KSL-15X-B		1	110	5/8	1/2	570/560/446	60		EWL		3.3		20.4	
D8-KSL-20X-B	9.1	1	110	5/8	1/2	570/560/446	60		EWL		4.7		20.4	
D8-LE-20X-B	9.9	1	110	7/8	1/2	715/560/446	96.5		EWL		5.7		37.6	
D8-LF-20X-B	12.9	1	110	7/8	1/2	715/560/446	98.5		EWL		5.5		37.6	
H8-KSL-20X-B	9.1	1	235	5/8	1/2	680/735/533	60		EWL		4.7		20.4	
H8-LJ-20X-B	9.5	1	235	7/8	1/2	680/735/533	103		EWL		5.6		37.6	
H8-LE-20X-B	9.9	1	235	7/8	1/2	680/735/533	108		EWL		5.7		37.6	
H8-LF-30X-B	12.9	1	235	7/8	1/2	680/735/533	108		EWL		7.2		53	48.5
P8-LF-30X-B	12.9	2	220	1 1/8	1/2	640/950/633	127		EWL		7.2		53	47.8
H8-LJ-30X-B	14.5	1	235	7/8	1/2	680/735/533	108		EWL		8.1		53	48.5
P8-LJ-30X-B	14.5	2	220	7/8	1/2	640/950/633	127		EWL		8.1		53	47.8
H8-LL-30X-B	18.2	1	235	1 1/8	1/2	680/735/533	110		EWL		7.3		50.6	48.5
K9-LL-30X-B	18.2	2	220	1 1/8	1/2	640/950/454	134		EWL		7.3		50.6	47.2
H8-LL-40X-B	18.2	1	235	1 1/8	1/2	680/735/533	112		EWL		9.5		58.9	48.6
P8-LL-40X-B	18.2	2	220	1 1/8	1/2	640/950/633	128		EWL		9.5		58.9	48
H8-LSG-40X-B	22.5	1	235	1 1/8	1/2	680/735/533	116		EWL		8.9		58.9	
K9-LSG-40X-B	22.5	2	220	1 1/8	1/2	640/950/454	131		EWL		8.9		58.9	50.9

\* 1 Ph: 230V/ 50Hz

\*\* 3 Ph: 380-420V/ 50Hz

\*\*\* @ 10 m: sound pressure level at 10m distance from the compressor, free field condition

## Capacity Data

Ambient Temperature +32°C															
R134a		Cooling Capacity (kW)						R134a		Power Input (kW)					
		Evaporating Temperature (°C)								Evaporating Temperature (°C)					
Model	-45	-35	-30	-20	-10	-5	+5	Model	-45	-35	-30	-20	-10	-5	+5
B8-KM-5X-B				0.8	1.2	1.5	2.2	B8-KM-5X-B				0.5	0.6	0.7	0.8
B8-KJ-7X-B				1.0	1.6	1.9	2.8	B8-KJ-7X-B				0.7	0.8	0.9	1.0
B8-KSJ-10X-B				1.2	1.9	2.4	3.4	B8-KSJ-10X-B				0.8	0.9	1.0	1.2
B8-KL-15X-B				1.4	2.2	2.6	3.7	B8-KL-15X-B				0.9	1.2	1.3	1.6
D8-KSL-15X-B				1.8	2.8	3.4	4.9	D8-KSL-15X-B				1.1	1.4	1.6	1.9
D8-KSL-20X-B				1.8	2.9	3.5	5.0	D8-KSL-20X-B				1.1	1.4	1.5	1.8
H8-KSL-20X-B				1.9	3.0	3.7	5.4	H8-KSL-20X-B				1.2	1.5	1.6	1.8
D8-LE-20X-B				1.6	2.7	3.4	4.9	D8-LE-20X-B				1.1	1.4	1.5	1.8
H8-LE-20X-B				1.7	2.9	3.6	5.4	H8-LE-20X-B				1.2	1.5	1.6	1.8
D8-LF-20X-B				2.2	3.6	4.4	6.2	D8-LF-20X-B				1.4	1.7	1.9	2.3
H8-LJ-20X-B				2.7	4.3	5.2	7.5	H8-LJ-20X-B				1.8	2.2	2.4	2.8
H8-LL-30X-B				3.2	5.3	6.5	9.2	H8-LL-30X-B				2.1	2.6	3.0	3.7
K9-LL-30X-B				3.2	5.3	6.5	9.3	K9-LL-30X-B				2.1	2.6	2.9	3.7
H8-LSG-40X-B				4.2	6.6	7.9	11.0	H8-LSG-40X-B				2.5	3.2	3.7	4.6
K9-LSG-40X-B				4.2	6.6	8.0	11.1	K9-LSG-40X-B				2.5	3.2	3.6	4.5

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

Ambient Temperature +32°C															
R407A		Cooling Capacity (kW)						R407A		Power Input (kW)					
		Evaporating Temperature (°C)								Evaporating Temperature (°C)					
Model	-45	-35	-30	-20	-10	-5	+5	Model	-45	-35	-30	-20	-10	-5	+5
B8-KM-5X-B		0.5	0.7	1.2				B8-KM-5X-B		0.5	0.6	0.7			
B8-KM-7X-B		0.5	0.7	1.2	1.8	2.2	3.0	B8-KM-7X-B		0.6	0.6	0.8	0.9	1.0	1.2
B8-KJ-7X-B		0.7	0.9	1.5				B8-KJ-7X-B		0.7	0.8	1.0			
B8-KJ-10X-B		0.7	0.9	1.5	2.3	2.7		B8-KJ-10X-B		0.6	0.7	0.9	1.2	1.4	
B8-KSJ-10X-B		0.9	1.2	1.9				B8-KSJ-10X-B		0.9	1.0	1.3			
D8-KSJ-15X-B		0.9	1.2	2.0	3.0	3.6		D8-KSJ-15X-B		0.9	1.0	1.3	1.5	1.7	
B8-KL-15X-B		1.0	1.3	2.1				B8-KL-15X-B		1.0	1.1	1.4			
D8-LE-20X-B		0.9	1.4	2.6	4.1	5.0		D8-LE-20X-B		0.9	1.1	1.5	2.0	2.2	
H8-LE-20X-B		0.9	1.5	2.8	4.6	5.6	7.9	H8-LE-20X-B		1.0	1.2	1.6	2.1	2.3	2.7
H8-LJ-20X-B		1.6	2.3	4.2				H8-LJ-20X-B		1.5	1.8	2.5			
H8-LF-30X-B		1.3	2.0	3.7	5.9	7.1		H8-LF-30X-B		1.4	1.6	2.2	2.8	3.1	
D8-LF-20X-B		1.3	1.8	3.2				D8-LF-20X-B		1.2	1.5	2.0			
P8-LF-30X-B		1.4	2.1	3.9	6.2	7.5	10.6	P8-LF-30X-B		1.3	1.6	2.2	2.7	3.0	3.6
P8-LJ-30X-B		1.9	2.6	4.5	6.9	8.3		P8-LJ-30X-B		1.7	1.9	2.6	3.2	3.6	
H8-LJ-30X-B		1.8	2.6	4.3	6.6	7.9		H8-LJ-30X-B		1.7	2.0	2.6	3.3	3.7	
H8-LL-30X-B		2.1	3.0	5.2				H8-LL-30X-B		1.8	2.2	3.1			
H8-LL-40X-B		2.1	3.1	5.3	8.0	9.5		H8-LL-40X-B		1.9	2.2	3.1	4.1	4.6	
P8-LL-40X-B		2.2	3.2	5.6	8.6	10.4		P8-LL-40X-B		1.9	2.2	3.1	4.0	4.5	
K9-LSG-40X-B		2.7	3.8	6.3				K9-LSG-40X-B		2.3	2.7	3.8			

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

## Capacity Data

Ambient Temperature +32°C															
R404A		Cooling Capacity (kW)						R404A		Power Input (kW)					
		Evaporation Temperature (°C)								Evaporation Temperature (°C)					
Model	-45	-35	-30	-20	-10	-5	+5	Model	-45	-35	-30	-20	-10	-5	+5
B8-KM-5X-B	0.3	0.6	0.8	1.3				B8-KM-5X-B	0.5	0.6	0.6	0.8			
B8-KM-7X-B	0.3	0.6	0.8	1.3	1.9	2.2	3.0	B8-KM-7X-B	0.4	0.6	0.7	0.8	1.0	1.1	1.3
B8-KJ-10X-B	0.4	0.8	1.1	1.7	2.4	2.8	3.6	B8-KJ-10X-B	0.5	0.8	0.9	1.1	1.4	1.5	1.8
B8-KJ-7X-B	0.4	0.8	1.1	1.7				B8-KJ-7X-B	0.6	0.8	0.9	1.1			
B8-KSJ-10X-B	0.6	1.1	1.3	1.8				B8-KSJ-10X-B	0.8	1.0	1.2	1.5			
D8-KSJ-15X-B	0.6	1.1	1.4	2.2	3.2	3.8		D8-KSJ-15X-B	0.7	1.0	1.1	1.4	1.8	1.9	
B8-KL-15X-B	0.7	1.2	1.5	2.3				B8-KL-15X-B	0.9	1.1	1.3	1.6			
D8-KSL-20X-B	0.9	1.6	2.0	3.1	4.3			D8-KSL-20X-B	1.0	1.3	1.5	2.0	2.6		
H8-KSL-20X-B	0.9	1.7	2.2	3.3	4.8	5.7		H8-KSL-20X-B	1.1	1.5	1.7	2.1	2.6	2.8	
D8-LE-20X-B		1.2	1.7	2.9	4.3	5.0		D8-LE-20X-B		1.1	1.3	1.7	2.2	2.5	
H8-LE-20X-B		1.3	1.9	3.2	4.8	5.8	7.8	H8-LE-20X-B		1.2	1.4	1.9	2.3	2.5	3.0
D8-LF-20X-B	0.7	1.7	2.2	3.5				D8-LF-20X-B	1.0	1.5	1.8	2.4			
H8-LF-30X-B	0.9	2.1	2.7	4.4	6.3	7.4		H8-LF-30X-B	1.3	1.9	2.1	2.7	3.3	3.6	
P8-LF-30X-B	1.0	2.1	2.9	4.7	6.9	8.2	11.1	P8-LF-30X-B	1.3	1.9	2.1	2.6	3.2	3.4	4.0
H8-LJ-20X-B	0.8	2.1	2.9					H8-LJ-20X-B	1.2	1.8	2.2				
H8-LJ-30X-B	1.1	2.3	3.0	4.7	6.8	7.9		H8-LJ-30X-B	1.4	2.0	2.4	3.0	3.8	4.2	
P8-LJ-30X-B	1.1	2.4	3.2	5.1	7.5	8.9	11.9	P8-LJ-30X-B	1.4	2.0	2.3	3.0	3.6	4.0	4.6
H8-LL-30X-B	1.2	2.7	3.6	5.7				H8-LL-30X-B	1.5	2.2	2.7	3.6			
H8-LL-40X-B	1.4	2.8	3.6	5.6	8.1	9.4		H8-LL-40X-B	1.7	2.4	2.8	3.7	4.7	5.3	
K9-LL-30X-B	1.2	2.7	3.6	5.7				K9-LL-30X-B	1.5	2.2	2.6	3.6			
P8-LL-40X-B	1.4	2.9	3.9	6.2	9.1	10.8		P8-LL-40X-B	1.7	2.4	2.8	3.6	4.5	5.0	
H8-LSG-40X-B	1.7	3.4	4.4	6.7				H8-LSG-40X-B	1.9	2.8	3.3	4.5			
K9-LSG-40X-B	1.7	3.4	4.4	6.7				K9-LSG-40X-B	1.9	2.8	3.3	4.5			

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

# Condensing Units with Semi-Hermetic Discus™ Compressors

Copeland™ air-cooled indoor condensing units for medium temperature and low temperature applications.

In a further approach to improve compressor performance and reduce compression losses, Emerson Climate Technologies engineers developed the Discus valve technology.

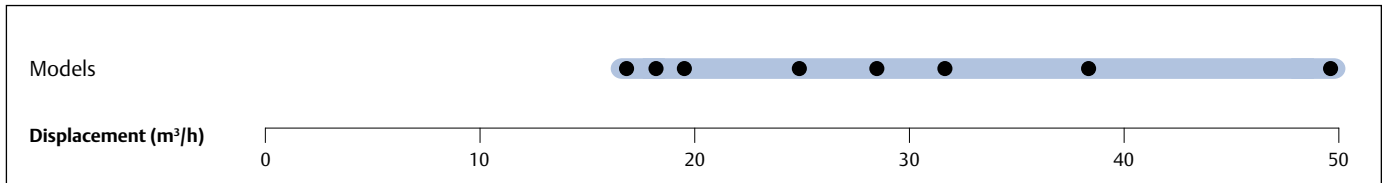
This series of condensing units is equipped with 2 or 3 cylinder semi-hermetic compressors with Discus valve technology. The models are specifically suitable for those applications where high efficiency and low energy consumption is required.

The wide range of compressor models combined with 2 or 4 fan high capacity condensers covers most application needs of low temperature and medium temperature applications.



Condensing Units with Semi-Hermetic Discus Compressors

## Discus Condensing Units Line-up



### Features and Benefits

- Standard equipment: Discus compressor, condenser with thermally protected fan(s), discharge line with flexible pipe loop or vibration absorber, liquid receiver with shut-off valve, HP/LP switch with automatic reset, oil pressure safety control OPS2
- Suitable for multiple refrigerants: R404A, R407A, R407F, R507, R134a and R22
- Wide range of quality accessories
- Excellent efficiency
- Proven reliability

### Maximum Allowable Pressures (PS)

- Low Side PS 22.5 bar (g)
- High Side PS = 28 bar (g)

## Technical Overview

Models	Displacement (m <sup>3</sup> /h)	Number of fans	Total Fan Motor Power (W)	Suction Line Diameter (inch)	Liquid Line Diameter (inch)	Length/Width/Height (mm)	Net Weight (kg)	Motor Version/Code	Maximum Operating Current, A	Locked Rotor Current, A	Sound Pressure @10 m - d(BA)***
								3 Ph**	3 Ph**	3 Ph**	
<b>P8-2DC-50X-B</b>	17	2	220	1 3/8	5/8	740/950/633	186	AWM	9	55	
<b>P8-2DB-50X-B</b>	28	2	220	1 3/8	5/8	740/950/633	186	AWM	13.4	55	49.6
<b>P8-3DA-50X-B</b>	32	2	220	1 3/8	5/8	740/950/633	205	AWM	15.9	55	51.6
<b>P8-2DB-75X-B</b>	28	2	220	1 3/8	5/8	740/950/633	191	AWM	16.1	70	52
<b>P8-2DL-75X-B</b>	24	2	220	1 3/8	5/8	740/950/633		AWM	13.8	70	50
<b>P8-3DA-75X-B</b>	32	2	220	1 3/8	5/8	740/950/633	211	AWM	17.5	106	52
<b>R7-2DD-50X-B</b>	19	2	470	1 3/8	3/4	820/1130/633	196	AWM	10.3	55	
<b>S9-2DB-75X-B</b>	28	2	470	1 3/8	3/4	820/1130/708	212	AWM	16.1	70	
<b>R7-2DL-75X-B</b>	24	2	470	1 3/8	3/4	820/1130/708	205	AWM	13.8	70	
<b>R7-3DC-75X-B</b>	38	2	470	1 3/8	3/4	820/1130/633	278	AWM	18.3	70	54.6
<b>R7-3DC-100X-B</b>	38	2	470	1 3/8	3/4	820/1129/633	234	AWM	20.5	121	56
<b>S9-3DS-100X-B</b>	50	2	470	1 3/8	3/4	820/1130/708	239	AWM	24.4	121	54
<b>S9-3DS-150X-B</b>	50	2	470	1 3/8	3/4	820/1129/708	243	AWM	29	125.7	57
<b>S9-3DA-75X-B</b>	32	2	470	1 3/8	7/8	820/1330/835	259	AWM	17.5	106	
<b>V6-3DC-100X-B</b>	38	2	800	1 3/8	7/8	820/1330/835	278	AWM	20.5	121	
<b>V6-3DS-150X-B</b>	50	2	800	1 3/8	7/8	820/1330/835	280	AWM	29	125.7	
<b>W9-3DS-150X-B</b>	50	2	800	1 3/8	7/8	820/1640/869	303	AWM	29	125.7	

\*\* 3 Ph: 380-420V/ 50Hz

\*\*\* @ 10m: sound pressure level at 10m distance from the compressor, free field condition

## Capacity Data

Ambient Temperature: 32°C															
R134a		Cooling Capacity (kW)						R134a		Power Input (kW)					
		Evaporating Temperature (°C)								Evaporating Temperature (°C)					
Model	-45	-35	-30	-20	-10	-5	+5	Model	-45	-35	-30	-20	-10	-5	+5
P8-2DB-50X-B				5.1	8.4	10.3	14.5	P8-2DB-50X				2.8	3.7	4.1	5.1
P8-2DB-75X-B				4.5*	7.6*	9.5*	14.1*	P8-2DB-75X				2.8*	3.6*	4.0*	4.9*
P8-2DL-75X-B				3.7*	6.5*	8.2*	12.4*	P8-2DL-75X							4.0*
P8-3DA-50X-B				5.8	9.2	11.2	15.7	P8-3DA-50X				3.2	4.2	4.7	5.8
P8-3DA-75X-B				5.0*	8.6*	10.7*	15.8*	P8-3DA-75X				3.3*	4.1*	4.6*	5.7*
R7-3DC-75X-B				7.3	11.5	14.0	19.6	R7-3DC-75X				4.1	5.2	5.8	7.0
R7-3DC-100X-B				6.7*	11.0*	13.7*	20.0*	R7-3DC-100X				4.1*	5.2*	5.7*	6.9*
S7-2DL-75X-B				3.9*	6.8*	8.6*	13.2*	S7-2DL-75X				2.6*	3.2*	3.5*	4.1*
S9-2DB-75X-B				4.8*	8.3*	10.4*	15.7*	S9-2DB-75X				3.1*	3.7*	4.1*	4.7*
S9-3DS-100X-B				9.5	14.9	18.1	25.3	S9-3DS-100X				5.2	6.7	7.6	9.4
S9-3DS-150X-B				9.4*	14.8*	18.1*	25.8*	S9-3DS-150X				5.5*	6.9*	7.7*	9.4*
V6-3DC-100X-B				7.3*	12.2*	15.3*	23.1*	V6-3DC-100X				4.4*	5.2*	5.6*	6.3*
V6-3DS-100X-B				10.0	16.1	19.7	28.4	V6-3DS-100X				5.4	6.8	7.4	8.8
V6-3DS-150X-B				10.1*	16.1*	19.8*	29.1*	V6-3DS-150X				5.8*	7.0*	7.6*	8.9*

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

\* Conditions: EN13215: Suction Superheat 10K

Ambient Temperature: 32°C															
R407A		Cooling Capacity (kW)						R407A		Power Input (kW)					
		Evaporating Temperature (°C)								Evaporating Temperature (°C)					
Model	-45	-35	-30	-20	-10	-5	+5	Model	-45	-35	-30	-20	-10	-5	+5
P8-3DA-50X-B		3.7*	5.0*	8,7	12,1			P8-3DA-50X-B		3.7*	5.0*	8,7	12,1		
P8-2DB-50X-B		3.3*	4.5*	7,9	11,3	13,2		P8-2DB-50X-B		3.3*	4.5*	7,9	11,3	13,2	
P8-2DC-50X-B		1,8	2,6	4,5	7,1	8,7	12,3	P8-2DC-50X-B		1,8	2,6	4,5	7,1	8,7	12,3
R7-2DD-50X-B		2,4	3,4	5,8	9,1	11,0	15,5	R7-2DD-50X-B		2,4	3,4	5,8	9,1	11,0	15,5
P8-3DA-75X-B				8,5	12,2			P8-3DA-75X-B				8,5	12,2		
P8-2DB-75X-B				7,9	11,4	13,2		P8-2DB-75X-B				7,9	11,4	13,2	
S9-2DB-75X-B				8,7	13,2	15,7	21,4	S9-2DB-75X-B				8,7	13,2	15,7	21,4
R7-3DC-75X-B		4.7*	6.3*	11,1	15,8	18,3		R7-3DC-75X-B		4.7*	6.3*	11,1	15,8	18,3	
P8-2DL-75X-B				6,6	10,0	11,9		P8-2DL-75X-B				6,6	10,0	11,9	
R7-3DC-100X-B				11,1	16,2	18,9		R7-3DC-100X-B				11,1	16,2	18,9	
V6-3DC-100X-B				12,6	19,1	22,9	31,5	V6-3DC-100X-B				12,6	19,1	22,9	31,5
S9-3DS-100X-B		6.3*	8.5*	14,7	20,5	23,6		S9-3DS-100X-B		6.3*	8.5*	14,7	20,5	23,6	
V6-3DS-150X-B				16,1	23,8	28,2	37,8	V6-3DS-150X-B				16,1	23,8	28,2	37,8
S9-3DS-150X		7.2	9.1	14.2	19.8			S9-3DS-150X		6.1	7.0	9.4	12.1		
V6-3DS-150X		7.7	10.0	16.1	23.5	27.3	35.0	V6-3DS-150X		6.2	7.1	9.3	11.8	13.0	15.2

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

\* Conditions: EN13215: Suction Superheat 10K

## Capacity Data

Ambient Temperature: 32°C															
R404A		Cooling Capacity (kW)						R404A		Power Input (kW)					
		Evaporating Temperature (°C)								Evaporating Temperature (°C)					
Model	-45	-35	-30	-20	-10	-5	+5	Model	-45	-35	-30	-20	-10	-5	+5
P8-2DC-50X-B		2.4	3.2	5.2	7.9	9.5	13	P8-2DC-50X		2.0	2.3	3.0	3.7	4.0	4.7
R7-2DD-50X-B		2.5	3.6	6.1	9.3	11.2	15.6	R7-2DD-50X		2.6	3.0	3.7	4.5	4.9	5.6
P8-3DA-75X-B			5.0	6.5	9.8			P8-3DA-75X			4.1	4.8	6.4		
R7-2DL-75X-B		3.8	5.0	8.0	11.8	13.9	18.6	R7-2DL-75X		3.2	3.6	4.5	5.6	6.1	7.3
P8-3DA-50X-B	2.3	5.4	6.7	9.6	11.9			P8-3DA-50X	2.9	4.2	5.0	6.5	8.2		
P8-2DB-50X-B	2.0	4.6	5.9	8.9	12.3			P8-2DB-50X	2.5	3.4	4.0	5.4	7.0		
P8-2DB-75X-B		4.9	6.14	9.2	12.3			P8-2DB-75X				4.4	5.6	6.4	
S9-2DB-75X-B		5.0	6.6	10.3	14.9	17.6	23.7	S9-2DB-75X		3.8	4.3	5.5	6.7	7.4	8.8
S9-3DA-75X-B		5.4	7.1	11.2	16.0	18.7		S9-3DA-75X		4.4	5.1	6.5	8.0	8.7	
R7-3DC-100X-B	3.1	6.7	8.4	12.1	16.2			R7-3DC-100X	3.9	5.4	6.2	7.9	9.9		
R7-3DC-75X-B	3.1	6.7	8.4	12.1	16.2			R7-3DC-75X	3.9	5.4	6.2	7.9	9.8		
V6-3DC-100X-B		6.1	8.2	13.3	19.7	23.5	32.5	V6-3DC-100X		5.3	6.1	7.6	9.1	9.8	11.2
S9-3DS-100X-B	4.2	9.0	11.3	16.2	19.9			S9-3DS-100X	5.1	7.1	8.2	10.7	13.4		
V6-3DS-150X-B		9.4	12.2	18.5	25.9	30.1	39.1	V6-3DS-150X		7.1	8.2	10.6	12.9	14.1	16.3
W9-3DS-150X-B		9.4	12.2	18.7	26.2	30.5	39.7	W9-3DS-150X		7.1	8.2	10.5	12.9	14.0	16.2

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

Ambient Temperature +32°C															
R407C		Cooling Capacity (kW)						R407C		Power Input (kW)					
		Evaporating Temperature (°C)								Evaporating Temperature (°C)					
Model	-20	-15	-10	-5	0	+5	+10	Model	-20	-15	-10	-5	0	+5	+10
P8-2DC-50X-B	4.1	5.3	6.8	8.4	10.2	12.1	14.2	P8-2DC-50X	2.3	2.6	3.0	3.3	3.7	4.2	4.6
R7-2DD-50X-B	5.1	6.6	8.4	10.4	12.6	15.0	17.6	R7-2DD-50X	2.9	3.3	3.6	4.0	4.4	4.9	5.3
R7-2DL-75X-B	6.3	8.0	10.1	12.4	14.9	17.7	20.6	R7-2DL-75X	3.5	4.0	4.5	5.1	5.6	6.2	6.9
S9-2DB-75X-B	8.2	20.2	12.5	15.1	18.0	21.0	24.3	S9-2DB-75X	4.4	4.9	5.5	6.1	6.7	7.4	8.1
S9-3DA-75X-B	9.0	11.2	13.9	16.8	20.0	23.3	26.9	S9-3DA-75X	5.1	5.6	6.3	7.0	7.8	8.6	9.5
V6-3DC-100X-B	11.4	14.3	17.6	21.4	25.6	30.2	35.1	V6-3DC-100X	6.1	6.7	7.4	8.2	8.9	9.7	10.6
V6-3DS-150X-B	15.3	18.7	22.6	26.9	31.7	36.8	42.2	V6-3DS-150X	8.4	9.3	10.3	11.3	12.5	13.8	15.2
W9-3DS-150X-B	15.4	18.9	22.9	27.4	32.3	37.7	43.3	W9-3DS-150X	8.3	9.2	10.2	11.2	12.3	13.6	14.9

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

Ambient Temperature +32°C															
R22		Cooling Capacity (kW)						R22		Power Input (kW)					
		Evaporating Temperature (°C)								Evaporating Temperature (°C)					
Model	-45	-35	-30	-20	-10	-5	+5	Model	-45	-35	-30	-20	-10	-5	+5
P8-2DC-50X-B				4.9	7.9	9.6	13.7	P8-2DC-50X-B				2.6	3.2	3.6	4.3
R7-2DD-50X-B				5.9	9.4	11.5	16.4	R7-2DD-50X-B				3.3	3.9	4.3	5.0
R7-2DL-75X-B				7.3	11.4	13.9	19.5	R7-2DL-75X-B				3.9	4.9	5.4	6.5
S9-2DB-75X-B				9.3	14.1	16.8	23.1	S9-2DB-75X-B				4.8	5.9	6.4	7.6
S9-3DA-750-B				10.3	15.8	18.9	26.0	S9-3DA-750-B				5.5	6.8	7.5	8.9
S9-3DA-75X-B				10.3	15.8	18.9	26.0	S9-3DA-75X-B				5.5	6.8	7.5	8.9
V6-3DC-100X-B				13.0	19.9	23.9	33.2	V6-3DC-100X-B				6.7	8.0	8.7	10.0
V6-3DS-150X-B				17.3	25.4	30.1	40.9	V6-3DS-150X-B				9.1	11.0	12.0	14.1
W9-3DS-150X-B				17.4	25.6	30.4	41.4	W9-3DS-150X-B				9.0	10.9	11.9	13.9

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K