KKT

Smart-Line

Smart. Simple. Standardized.

- Net cooling capacity from 12 27 kW
- Climate friendly, low GWP, F-Gas regulation ready, R513A refrigerant
- High ambient design max 50 °C (122 °F)
- Non-ferrous wetted materials with stainless-steel tank
- User friendly LCD controls display
- Extended connectivity capabilities for monitoring and data logging
- Designed for ease of use and service
- Available with upgrade options and accessories
- In stock for immediate delivery
- 24/7 technical and service support





sBoxX 16 STA (12 - 16 kW)

sBoxX 20 STA / sBoxX 26 STA (17 - 20kW) / (21 - 27kW)

Smart-Line (Standard)	sBoxX 16 STA	sBoxX 20 STA	sBoxX 26 STA
Net cooling capacity @ 60 Hz t _{w2} =20 °C, t _{amb} = 32 °C)	15.6 kW	19.6 kW	27.6 kW
Net cooling capacity @ 60 Hz t _{w2} =20 °C, t _{amb} = 45 °C)	13.1 kW	16.6 kW	23.0 kW
Refrigerant	R513A		
GWP	631		
Charge of refrigerant	1.15 kg	1.80 kg	2.25 kg
CO ₂ equivalent	0.7 t CO ₂	1.1 t CO ₂	2.8 t CO ₂
Ambient temperature range	5°C-50°C		
Maximum air flow	7,500 m ³ /h	8,500 m ³ /h	10,000 m³/h
Coolant	Water or Water/Glycol		
Tank volume	80 L	100 L	130 L
Coolant outlet temp	8.5 °C - 30 °C		
Temperature stability @ steady load	± 1 K		
Coolant flow (normal)	2.9 m³/h 3.8 m³/h		3.8 m³/h
Supply pressure (@ normal flow)	4.55 bar	4.6	bar
Water connection	1 1/4" NPT		
Sound pressure level (5m distance)	60 dB(A)		
Operating voltage	460 V/3 Ph/60 Hz (+/- 10%)		
Weight (operating)	352 kg	383 kg	456 kg
Length	1,168 mm		
Vidth	710 mm		
Height	1,600 mm 1,820 mm		



Smart-Line

Smart. Simple. Standardized.

- Net cooling capacity from 12 27 kW
- Climate friendly, low GWP, F-Gas regulation ready R513A refrigerant
- High ambient design max 50°C (122°F)
- Dual process circuits with dedicated pumps
- Non-ferrous wetted materials and stainless-steel tank
- User friendly LCD controls display with extended connectivity capabilities for monitoring and data logging
- Designed for ease of use and service
- Available with upgrade options and accessories
- In stock for immediate delivery
- 24/7 technical and service support





sBoxX 16 DC (12 - 16 kW)

sBoxX 20 DC / sBoxX 26 DC (17 - 20kW) / (21 - 27kW)

Net cooling capacity @ 60 Hz (t _{w2} =20 °C, t _{amb} = 45 °C) 12.5 kW 16.2 kW 22.6 kW Refrigerant R513A GWP 631 Charge of refrigerant 1.15 kg 1.80 kg 2.25 kg	Smart-Line (Dual Circuit)	sBoxX 16 DC	sBoxX 20 DC	sBoxX 26 DC	
(t _{v2} = 20 ° C, t _{amb} = 45 ° C) 12.5 kW 16.2 kW 22.6 kW Refrigerant R513A R631 Charge of refrigerant 1.15 kg 1.80 kg 2.25 kg CO₂ equivalent 0.7 t CO₂ 1.1 t CO₂ 2.8 t CO₂ Ambient temperature range 5 ° C - 50 ° C To Co + 50 ° C Maximum air flow 7,500 m³/h 8,500 m³/h 10,000 m³/h Coolant Water or Water/Glycol Tank volume 80 L 100 L 130 L Coolant outlet temp 8.5 ° C - 30 ° C Temperature stability @ steady load ± 1 K Coolant flow (normal) Circuit #1 - 3.9 m³/h Circuit #1 - 5.4 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #1 - 4 bar Circuit #2 - 6.75 bar Water connection Circuit #1 - 4.3 bar Circuit #2 - 1/2" NPT Sound pressure level (5m distance) 460 V/3 Ph/60 Hz (+/- 10%) Weight (operating) 372 kg 403 kg 476 kg Length 1,168 mm Writh 41,68 mm 710 mm	Net cooling capacity @ 60 Hz $(t_{w2}=20 ^{\circ}\text{C}, t_{amb}=32 ^{\circ}\text{C})$	15.0 kW	19.2 kW	27.2 kW	
GWP 631 Charge of refrigerant 1.15 kg 1.80 kg 2.25 kg CO₂ equivalent 0.7 t CO₂ 1.1 t CO₂ 2.8 t CO₂ Ambient temperature range 5°C - 50°C • *** Maximum air flow 7,500 m³/h 8,500 m³/h 10,000 m³/h Coolant Water or Water/Glycol Tank volume 80 L 100 L 130 L Coolant outlet temp 8.5 °C - 30 °C *** Temperature stability @ steady load ± 1 K Circuit #1 - 5.4 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.7 m³/h Circuit #1 - 5.4 m³/h Circuit	Net cooling capacity @ 60 Hz $(t_{w2}=20 ^{\circ}\text{C}, t_{amb}=45 ^{\circ}\text{C})$	12.5 kW	16.2 kW	22.6 kW	
Charge of refrigerant 1.15 kg 1.80 kg 2.25 kg CO_2 equivalent $0.7 t CO_2$ $1.1 t CO_2$ $2.8 t CO_2$ Ambient temperature range 5°C - 50°C Maximum air flow $7,500 m^3/h$ $8,500 m^3/h$ $10,000 m^3/h$ Coolant Water or Water/Glycol Tank volume 80 L 100 L 130 L Coolant outlet temp 8.5 °C - 30 °C Temperature stability @ steady load 11	Refrigerant		R513A		
CO2 equivalent 0.7 t CO2 1.1 t CO2 2.8 t CO2 Ambient temperature range 5°C - 50°C	GWP	631			
Ambient temperature range 5 ° C - 50 ° C Maximum air flow 7,500 m³/h 8,500 m³/h 10,000 m³/h Coolant Water or Water/Glycol Tank volume 80 L 100 L 130 L Coolant outlet temp 8.5 ° C - 30 ° C Temperature stability @ steady load ± 1 K Circuit #1 - 5.4 m³/h Circuit #1 - 5.4 m³/h Circuit #1 - 5.4 m³/h Circuit #2 - 0.7 m²/h Circuit #2 - 6.75 bar Circuit #1 - 1 NPT Circuit #2 - 6.75 bar Circuit #1 - 4 bar Circuit #2 - 6.75 bar Water connection Circuit #2 - 6.75 bar Circuit #1 - 1 NPT Circuit #2 - 1/2" NPT Circuit #2 - 1/2" NPT Sound pressure level (5m distance) 60 dB(A) Operating voltage 460 V/3 Ph/60 Hz (+/- 10%) Weight (operating) 372 kg 403 kg 476 kg Length 1,168 mm Width 710 mm	Charge of refrigerant	1.15 kg	1.80 kg	2.25 kg	
Maximum air flow 7,500 m³/h 8,500 m³/h 10,000 m³/h Coolant Coolant Outlet temp 80 L 100 L 130 L Coolant outlet temp 8.5 ° C - 30 ° C 1 K Coolant flow (normal) Circuit #1 - 3.9 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #1 - 4 bar Circuit #2 - 0.8 m³/h Circuit #2 - 6.75 bar Supply pressure (@ normal flow) Circuit #1 - 4.3 bar Circuit #1 - 1" NPT Circuit #2 - 1/2" NPT Sound pressure level (5m distance) 60 dB(A) Operating voltage 460 V/3 Ph/60 Hz (+/- 10%) Weight (operating) 372 kg 403 kg 476 kg Length 1,168 mm Width 710 mm	CO ₂ equivalent	0.7 t CO ₂	1.1 t CO ₂	2.8 t CO ₂	
Coolant Water or Water/Glycol Tank volume 80 L 100 L 130 L Coolant outlet temp 8.5 ° C - 30 ° C ————————————————————————————————————	Ambient temperature range	5°C-50°C			
Tank volume 80 L 100 L 130 L Coolant outlet temp 8.5 °C - 30 °C - 30 °C Temperature stability @ steady load ±1 K Coolant flow (normal) Circuit #1 - 3.9 m³/h Circuit #1 - 5.4 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #1 - 4 bar Circuit #2 - 0.8 m³/h Circuit #2 - 6.75 bar Supply pressure (@ normal flow) Circuit #1 - 4.3 bar Circuit #1 - 1" NPT Circuit #2 - 1/2" NPT Sound pressure level (5m distance) 60 dB(A) Operating voltage 460 V/3 Ph/60 Hz (+/- 10%) Weight (operating) 372 kg 403 kg 476 kg Length 1,168 mm Width 710 mm	Maximum air flow	7,500 m ³ /h	8,500 m ³ /h	10,000 m³/h	
Coolant outlet temp R.5 °C - 30 °C Temperature stability @ steady load £ 1 K Coolant flow (normal) Circuit #1 - 3.9 m³/h Circuit #2 - 0.7 m³/h Circuit #1 - 4 bar Circuit #1 - 4 bar Circuit #2 - 6.75 bar Circuit #1 - 1" NPT Circuit #2 - 1/2" NPT Sound pressure level (5m distance) Operating voltage 460 V/3 Ph/60 Hz (+/- 10%) Weight (operating) 372 kg 403 kg 476 kg Length Width	Coolant	Water or Water/Glycol			
Temperature stability @ steady load ± 1 K Coolant flow (normal) Circuit #1 - 3.9 m³/h Circuit #1 - 5.4 m³/h Circuit #1 - 5.4 m³/h Circuit #2 - 0.7 m³/h Circuit #1 - 5.4 m³/h Circuit #1 - 5.4 m³/h Circuit #2 - 0.8 m³/h Supply pressure (@ normal flow) Circuit #1 - 4.3 bar Circuit #1 - 4 bar Circuit #2 - 6.75 bar Water connection Circuit #1 - 1" NPT Circuit #2 - 1/2" NPT Sound pressure level (5m distance) 60 dB(A) Operating voltage 460 V/3 Ph/60 Hz (+/- 10%) Weight (operating) 372 kg 403 kg 476 kg Length 1,168 mm Width 710 mm	Tank volume	80 L	100 L	130 L	
Coolant flow (normal) Circuit #1 - 3.9 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/	Coolant outlet temp	8.5 °C - 30 °C			
Coolant flow (normal) Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #1 - 4 bar Circuit #1 - 1" NPT Circuit #2 - 1/2" NPT Sound pressure level (5m distance) Operating voltage Weight (operating) Length Width Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.8 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.7 m³/h Circuit #2 - 0.7 m³/h Circuit #1 - 1" NPT Circuit #2 - 0.7 bar Circuit #1 - 1" NPT Circuit #2 - 0.7 bar Circuit #1 - 1" NPT Circuit #2 - 0.7 bar Circuit #1 - 1" NPT Circuit #1 - 1" NPT Circuit #2 - 0.7 bar Circuit #1 - 1 bar	Temperature stability @ steady load	± 1 K			
Supply pressure (@ normal flow) Circuit #2 - 6.75 bar Circuit #1 - 1" NPT Circuit #2 - 1/2" NPT Sound pressure level (5m distance) Operating voltage Weight (operating) Length Width Circuit #2 - 6.75 bar Circuit #1 - 1" NPT Circuit #2 - 1/2" NPT 60 dB(A) 460 V/3 Ph/60 Hz (+/- 10%) 476 kg 1,168 mm 710 mm	Coolant flow (normal)			· ·	
Water connection Circuit #2 - 1/2" NPT Sound pressure level (5m distance) 60 dB(A) Operating voltage 460 V/3 Ph/60 Hz (+/- 10%) Weight (operating) 372 kg 403 kg 476 kg Length 1,168 mm Width 710 mm	Supply pressure (@ normal flow)				
Operating voltage 460 V/3 Ph/60 Hz (+/- 10%) Weight (operating) 372 kg 403 kg 476 kg Length 1,168 mm Width 710 mm 710 mm	Water connection				
Weight (operating) 372 kg 403 kg 476 kg Length 1,168 mm Width 710 mm	Sound pressure level (5m distance)	60 dB(A)			
Length 1,168 mm Width 710 mm	Operating voltage		460 V/3 Ph/60 Hz (+/- 10%)		
Width 710 mm	Weight (operating)	372 kg	403 kg	476 kg	
	Length	1,168 mm			
Height 1,600 mm 1,820 mm	Width	710 mm			
	Height	1,600 mm	1,820 mm		

Highly specialized refrigeration technology solutions for more than 30 years.