

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 ($t_{w2}=20^{\circ}\text{C}$, $t_{amb} = 32^{\circ}\text{C}$)	15.6 kW	19.6 kW	27.6 kW
Net cooling capacity @ 60 Hz ($t_{w2}=20^{\circ}\text{C}$, $t_{amb} = 45^{\circ}\text{C}$)	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 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	± 1 K		
Coolant flow (normal)	2.9 m ³ /h		3.8 m ³ /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		
Width	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)

Smart-Line (Dual Circuit)	sBoxX 16 DC	sBoxX 20 DC	sBoxX 26 DC
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
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
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 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	± 1 K		
Coolant flow (normal)	Circuit #1 - 3.9 m ³ /h Circuit #2 - 0.7 m ³ /h	Circuit #1 - 5.4 m ³ /h Circuit #2 - 0.7 m ³ /h	Circuit #1 - 5.4 m ³ /h Circuit #2 - 0.8 m ³ /h
Supply pressure (@ normal flow)	Circuit #1 - 4.3 bar Circuit #2 - 6.75 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		
Height	1,600 mm	1,820 mm	