

# Sabroe SAB 110 SM

## Specifications

Marque	Sabroe
Le type	SAB 110 SM
Réfrigérant	NH 3 / Freon
kW at 0°C/+40°C	107
kW at -10°C/+40°C	79
kW at -40°C/+40°C	28
m3 / h	140 at 2960 RPM and 168 at 3550 RPM
Remarques	Capacity based on +35°C
Remarques	28kW based on -40°C/+35°C with economiser
Weight	600
Tailles	1900x900x1300mm (LxwxH)
Stock	1



## Description

### Used Sabroe SAB 110 SM

Used but still in good condition Sabroe SAB 110 SM screw compressor. Our capacity table is based on Freon. For all the other specs (if available), see the picture of the manufacturer model plate or the attached pdf file. \*Why choose for HOSBV? Were not only the largest used refrigeration specialist in Europe, but also, we deliver all equipment including an extensive test, warranty and industrial cleaning. \*Optional we can also perform a new paint job and arrange the logistics



- suction and discharge side stop valves
  - Sabroe Unisab II microprocessor control unit wired to sensors, transmitters and solenoid valves for compressor protection, monitoring and capacity control
  - PED approval (European Pressure Equipment Directive).
- A selection of different oil cooling systems is available, based on refrigerant (thermosyphon), water cooling and liquid injection.
- system
  - sensors and transmitters for control by PLC systems
  - vibration dampers
  - check valve for discharge line
  - dual safety valves with changeover valve system
  - tools and Sabroe spare part kits
  - certificates and test report
  - other approvals than PED on request.

Model	R717		R22		R404A		With economiser		
	High stage -10/+35°C	Booster -40/-10°C	High stage -10/+35°C	0/+40°C	High stage -10/+35°C	0/+40°C	R717 -40/+35°C	R22 -40/+35°C	R404A -40/+35°C
SAB 110 SM	79	NA	76	103	79	107	22	28	28
SAB 110 LM	100	NA	97	130	99	135	26	35	36
SAB 110 SF	130	NA	124	167	128	173	36	45	47
SAB 110 LF	164	NA	156	211	161	218	46	57	59

<sup>1</sup> Nominal, 5K liquid subcooling, 5K suction gas superheat for R717, 15K suction gas superheat for R22 and R404A.

Model	Swept volume		Dimensions			Weight <sup>2</sup> kg	Sound pressure level <sup>3</sup> dB(A)
	2960 rpm m <sup>3</sup> /h	3550 rpm m <sup>3</sup> /h	L m	W m	H m		
SAB 110 SM	140	168	1.9	0.9	1.3	600	81
SAB 110 LM	175	210	1.9	0.9	1.3	600	81
SAB 110 SF	210	252	1.9	0.9	1.3	600	81
SAB 110 LF	262	314	1.9	0.9	1.3	600	81

<sup>2</sup> Including oil cooler. Excluding drive motor, oil charge and refrigerant charge.  
<sup>3</sup> -10/+35°C, free field, reflecting plane and 0.6m test distance.  
Due to variations in equipment configuration, dimensions and weights are guidelines only.

All information is subject to change without previous notice.

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