

HEAT PUMP

45ASX

MODEL	45ASX
Performance data	
Output / input / COP	
Heating mode	
A7 / W35	42.3 / 9.6 / 4.4
A2 / W35	34.5 / 9.8 / 3.5
A-7 / W35	30.3 / 9.8 / 3.1
Technical data	
Temperatures limits for air	-20 °C to 35 °C
Temperatures limits for water	20°C to 65°C
Freezing water protection	Yes
Air flow rate	12 000 m3/h
Refrigerant circuit	
Refrigerant	R407C
Total charge	17 kg
Oil	2800 ml POE
Defrosting	Automatic
Type of defrosting	Reversal cycle
Condensate freezing protection	Yes
Low pressure switch	0.05 MPa
High pressure switch	3.2 MPa
Water connection	5/4"
Physical characteristics	
H x W x L [mm]	1682 x 700 x 1669
Weight	354 kg
Installation	Outdoors
Cabinet	Powder coating
Protection (EN 60 529)	IP43
Electrical connection	
Electrical data	400V 3N 50Hz
Compressor	scroll EVI
Nominal current [A]	19.0
Maximum current [A]	26.0
Soft starting current [A]	
Fusing [A]	
Compressor cable (n x mm2)	
Noise level	
Sound power level dB(A)	71
Equipment	
Siemens controller	RVS21
Control panel	QAA78
Expansion valve	Electronical
EC Fan	yes
Sofstarter Danfoss	yes
Cascade	Up to 16 heat pumps



