

TECHNICAL PRODUCT INFORMATION - Compatibility

Air/water heat pumps

NIBE

This document should reflect possible compatibility, regardless of market.

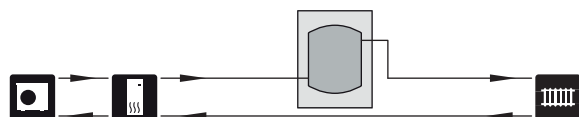
INDOOR MODULES



Indoor module	Compatible outdoor module		
	Monobloc		Split
VVM 225 (Cu)	F2120-8 S2125-8, 12 (+UKV)*	F2040-6, 8 F2050-6, 10	AMS 10-6 + HBS 05-6 AMS 10-8 + HBS 05-12 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
VVM 225 (SS and En)	F2120-8 S2125-8, 12 (+UKV)*	F2040-6, 8, 12 (+UKV)* F2050-6, 10, 12 (+UKV)*	AMS 10-6 + HBS 05-6 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 (+UKV)* AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
VVM 320 (all versions) VVM S320 (all versions)	F2120-8, 12, 16 S2125-8, 12, 16**	F2040-6, 8, 12 F2050-6, 10, 12	AMS 10-6 + HBS 05-6 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
VVM 325 Cu VVM S325 Cu	F2120-8, 12, 16 S2125-8, 12, 16**	F2040-6, 8, 12 F2050-6, 10, 12	AMS 10-6 + HBS 05-6 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
VVM 310	F2120-8, 12, 16 S2125-8, 12	F2040-6, 8, 12, 16 F2050-6, 10, 12, 16	AMS 10-6 + HBS 05-6 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 AMS 10-16 + HBS 05-16 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
VVM 500	F2120-8, 12, 16, 20 S2125-8, 12, 16, 20	F2040-6, 8, 12, 16 F2050-6, 10, 12, 16	AMS 10-6 + HBS 05-6 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 AMS 10-16 + HBS 05-16 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
VVM S330 (all versions)	F2120-8, 12 S2125-8, 12	F2040-6, 8, 12 F2050-6, 10, 12	AMS 10-6 + HBS 05-6 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
SVM S332-6 1x230V SVM S332-6 EM 3x400V			AMS 20-6
SVM S332-10 1x230V SVM S332-10 EM 3x400V			AMS 20-10

Indoor module	Compatible outdoor module		
	Monobloc		Split
BA-SVM 10 200/6 E BA-SVM 10 200/6 R BA-SVM 10 200/6 E EM			AMS 10-6
BA-SVM 10 200/12 E BA-SVM 10 200/12 R BA-SVM 10 200/12 E EM			AMS 10-8 AMS 10-12 (+UKV)*
BA-SVM 20 200/6 E BA-SVM 20 200/6 E EM			AMS 10-6 AMS 20-6
BA-SVM 20 200/12 E BA-SVM 20 200/12 E EM			AMS 10-8 AMS 10-12 (+UKV)* AMS 20-10
SHB 20-6			AMS 10-6 AMS 20-6
SHB 20-12			AMS 10-8 AMS 10-12 (+UKV)* AMS 20-10
MHB 05 (all versions)	F2120-8,12 (+UKV)* S2125-8,12 (+UKV)*	F2040-6, 8, 12 (+UKV)* F2050-6, 10, 12 (+UKV)*	AMS 10-6 + HBS 05-6 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 (+UKV)* AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10

* NIBE recommend the use of an additional buffer volume/tank for this combination, e.g. NIBE UKV.



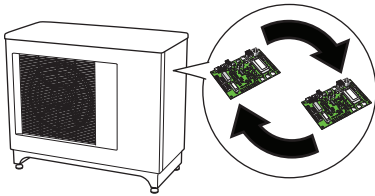
**S2125-16 together with VVM S320 / VVM S325 – The flow and pressure settings from the VVM are limited. Ensure that the minimum flow for defrosting and heating can be achieved.



Outdoor module	Lowest compatible software version for S-series
NIBE SPLIT HBS 05 (AMS 10, HBS 05)	V44 (AA23 communication card)
F2040	V44 (AA23 communication card)
F2120	V561

Before 2019

In some air/water heat pumps, manufactured before or in 2019, it is required that circuit boards be updated to be compatible with S-series products.

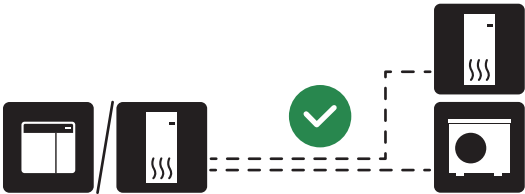


CONTROL MODULES



Control module	Compatible outdoor module		
	Monobloc		Split
SMO 20	F2120-8, 12, 16, -20 S2125-8, 12, 16, 20	F2040-6, 8, 12, 16 F2050-6, 10, 12, 16	AMS 10-6 + HBS 05-06 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 AMS 10-16 + HBS 05-16 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
SMO 40	F2120-8, 12, 16, -20 S2125-8, 12, 16, 20	F2040-6, 8, 12, 16 F2050-6, 10, 12, 16	AMS 10-6 + HBS 05-06 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 AMS 10-16 + HBS 05-16 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10
SMO S40	F2120-8, 12, 16, -20 S2125-8, 12, 16, 20	F2040-6, 8, 12, 16 F2050-6, 10, 12, 16	AMS 10-6 + HBS 05-06 AMS 10-8 + HBS 05-12 AMS 10-12 + HBS 05-12 AMS 10-16 + HBS 05-16 AMS 20-6 + HBS 20-6 AMS 20-10 + HBS 20-10

COMPATIBLE HYBRID PRODUCTS



Main units (EB100/AA35)	Heat pumps (EB101-EB108)
SMO S40	S2125
S1155	F2300
S1156	F2120
S1255	F2050
S1256	SPLIT AMS / HBS
	F1145
	F1245
	F1155
	F1255
	S1155
	S1156
	S1255
	S1256
	F1345
	F1355

LEGACY PRODUCTS



Indoor module	Legacy compatible outdoor module	
	Monobloc	
VVM 320 (all versions) VVM S320 (all versions)	F2030*-7, 9	
VVM 325 Cu VVM S325 Cu	F2030*-7, 9	
VVM 310	F2030-7, 9	
VVM 500	F2030-7, 9	F2300-14, 20

*F2030: it is required that the circuit boards are exchanged to be compatible with S-serie products.



Control module	Legacy compatible outdoor module		
	Monobloc		
SMO 20	F2030-7, 9	F2300-14, 20 (SW55)	F2025 (SW55) F2026 (SW55)
SMO 40	F2030-7, 9	F2300-14, 20 (SW55)	F2025 (SW55) F2026 (SW55)
SMO S40		F2300-20	

