

Manufacturers Certification Statement R-454B



25D Geothermal Heat Pump Efficiency Specification Product List

For the purposes of Section 25D (Residential Clean Energy Credit) of the Internal Revenue Code, Bosch Thermotechnology Corp. d/b/a Bosch Home Comfort North America, 65 Grove Street, Watertown, MA, 02472, confirms that the following Bosch water-source heat pump products (“Bosch Water Source Heat Pumps”) meet the [ENERGY STAR product specific requirements](#) for geothermal heat pumps placed in service before December 31st 2025, as set forth in 26 U.S. C.A § 25D (d)(5)(B)(ii). Please consult your tax advisor on how to obtain the credit.

AHRI CERTIFICATION NUMBER	OUTDOOR UNIT MODEL NUMBER	INDOOR UNIT MODEL NUMBER	TYPE
215224293	RF007-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224679	RF007-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224294	RF007-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224680	RF007-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224295	RF009-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224681	RF009-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224296	RF009-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224682	RF009-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224297	RF012-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224683	RF012-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224298	RF012-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224684	RF012-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224299	RF015-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224685	RF015-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224300	RF015-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224686	RF015-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224301	RF018-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224687	RF018-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224302	RF018-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224688	RF018-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224303	RF024-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224689	RF024-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224304	RF024-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224690	RF024-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224305	RF024-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224691	RF024-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224306	RF024-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224692	RF024-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224307	RF030-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224693	RF030-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224308	RF030-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224694	RF030-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224309	RF030-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224695	RF030-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224310	RF030-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224696	RF030-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224311	RF036-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224697	RF036-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224312	RF036-1CFN-*****A	-	Closed & Open Loop Water-to-Air

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AHRI CERTIFICATION NUMBER	OUTDOOR UNIT MODEL NUMBER	INDOOR UNIT MODEL NUMBER	TYPE
215224698	RF036-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224313	RF036-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224699	RF036-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224314	RF036-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224700	RF036-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224315	RF042-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224701	RF042-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224316	RF042-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224702	RF042-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224317	RF042-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224703	RF042-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224318	RF042-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224704	RF042-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224319	RF048-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224705	RF048-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224320	RF048-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224706	RF048-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224321	RF048-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224707	RF048-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224322	RF048-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224708	RF048-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224323	RF060-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224709	RF060-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224324	RF060-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224710	RF060-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224325	RF060-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224711	RF060-1VT/HZC-*****A	-	Closed & Open Loop Water-to-Air
215224326	RF060-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224712	RF060-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
215224327	RF070-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224713	RF070-1CFC-*****A	-	Closed & Open Loop Water-to-Air
215224328	RF070-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224714	RF070-1CFN-*****A	-	Closed & Open Loop Water-to-Air
215224329	RF070-1HZC-*****A	-	Closed & Open Loop Water-to-Air
215224715	RF070-1HZC-*****A	-	Closed & Open Loop Water-to-Air
215224330	RF070-1HZN-*****A	-	Closed & Open Loop Water-to-Air
215224716	RF070-1HZN-*****A	-	Closed & Open Loop Water-to-Air
215224331	RF070-1VTC-*****A	-	Closed & Open Loop Water-to-Air
215224717	RF070-1VTC-*****A	-	Closed & Open Loop Water-to-Air
215224332	RF070-1VTN-*****A	-	Closed & Open Loop Water-to-Air
215224718	RF070-1VTN-*****A	-	Closed & Open Loop Water-to-Air
217351671	RP024-1CSC-*****A	BIVA-24RCB-M20X	Closed & Open Loop Water-to-Air
217351679	RP024-1CSC-*****A	BMAC2430BBTA	Closed & Open Loop Water-to-Air
217351095	RP024-1CSC-*****A		Closed & Open Loop Water-to-Air
217351087	RP024-1CSC-*****A		Closed & Open Loop Water-to-Air
217351672	RP024-1CSN-*****A	BIVA-24RCB-M20X	Closed & Open Loop Water-to-Air
217351680	RP024-1CSN-*****A	BMAC2430BBTA	Closed & Open Loop Water-to-Air

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217351096	RP024-1CSN-*****A		Closed & Open Loop Water-to-Air
217351088	RP024-1CSN-*****A		Closed & Open Loop Water-to-Air
217212102	RP024-1HZN-*****A	-	Closed & Open Loop Water-to-Air
216743627	RP024-1HZN-*****A		Closed & Open Loop Water-to-Air
217212103	RP024-1HZN-*****A	-	Closed & Open Loop Water-to-Air
216743632	RP024-1HZN-*****A		Closed & Open Loop Water-to-Air
217212105	RP024-1VTC-*****A	-	Closed & Open Loop Water-to-Air
216743617	RP024-1VTC-*****A		Closed & Open Loop Water-to-Air
217212106	RP024-1VTN-*****A	-	Closed & Open Loop Water-to-Air
216743622	RP024-1VTN-*****A		Closed & Open Loop Water-to-Air
217351673	RP036-1CSC-*****A	BIVA-36RCB-M20X	Closed & Open Loop Water-to-Air
217351681	RP036-1CSC-*****A	BMAC3036BBTA	Closed & Open Loop Water-to-Air
217351097	RP036-1CSC-*****A		Closed & Open Loop Water-to-Air
217351089	RP036-1CSC-*****A		Closed & Open Loop Water-to-Air
217351674	RP036-1CSN-*****A	BIVA-36RCB-M20X	Closed & Open Loop Water-to-Air
217351682	RP036-1CSN-*****A	BMAC3036BBTA	Closed & Open Loop Water-to-Air
217351098	RP036-1CSN-*****A		Closed & Open Loop Water-to-Air
217351090	RP036-1CSN-*****A		Closed & Open Loop Water-to-Air
217212107	RP036-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
216743637	RP036-1VT/HZN-*****A		Closed & Open Loop Water-to-Air
217212108	RP036-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
216743642	RP036-1VT/HZN-*****A		Closed & Open Loop Water-to-Air
217351675	RP048-1CSC-*****A	BIVA-48RCB-M20X	Closed & Open Loop Water-to-Air
217351683	RP048-1CSC-*****A	BMAC4248CBTA	Closed & Open Loop Water-to-Air
217351099	RP048-1CSC-*****A		Closed & Open Loop Water-to-Air
217351091	RP048-1CSC-*****A		Closed & Open Loop Water-to-Air
217351676	RP048-1CSN-*****A	BIVA-48RCB-M20X	Closed & Open Loop Water-to-Air
217351684	RP048-1CSN-*****A	BMAC4248CBTA	Closed & Open Loop Water-to-Air
217351100	RP048-1CSN-*****A		Closed & Open Loop Water-to-Air
217351092	RP048-1CSN-*****A		Closed & Open Loop Water-to-Air
217212109	RP048-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
216743647	RP048-1VT/HZN-*****A		Closed & Open Loop Water-to-Air
217212111	RP048-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
216743651	RP048-1VT/HZN-*****A		Closed & Open Loop Water-to-Air
217351677	RP060-1CSC-*****A	BIVA-60RCB-M20X	Closed & Open Loop Water-to-Air
217351685	RP060-1CSC-*****A	BMAC4860CBTA	Closed & Open Loop Water-to-Air
217351101	RP060-1CSC-*****A		Closed & Open Loop Water-to-Air
217351093	RP060-1CSC-*****A		Closed & Open Loop Water-to-Air
217351678	RP060-1CSN-*****A	BIVA-60RCB-M20X	Closed & Open Loop Water-to-Air
217351686	RP060-1CSN-*****A	BMAC4860CBTA	Closed & Open Loop Water-to-Air
217351102	RP060-1CSN-*****A		Closed & Open Loop Water-to-Air
217351094	RP060-1CSN-*****A		Closed & Open Loop Water-to-Air
217212112	RP060-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
216743655	RP060-1VT/HZN-*****A		Closed & Open Loop Water-to-Air
217212113	RP060-1VT/HZN-*****A	-	Closed & Open Loop Water-to-Air
216743659	RP060-1VT/HZN-*****A		Closed & Open Loop Water-to-Air

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AHRI CERTIFICATION NUMBER	OUTDOOR UNIT MODEL NUMBER	INDOOR UNIT MODEL NUMBER	TYPE
217212114	RP070-1HZC-*****A	-	Closed & Open Loop Water-to-Air
216743671	RP070-1HZC-*****A	-	Closed & Open Loop Water-to-Air
217212115	RP070-1HZN-*****A	-	Closed & Open Loop Water-to-Air
216743675	RP070-1HZN-*****A	-	Closed & Open Loop Water-to-Air
217212116	RP070-1VTC-*****A	-	Closed & Open Loop Water-to-Air
216743663	RP070-1VTC-*****A	-	Closed & Open Loop Water-to-Air
217212117	RP070-1VTN-*****A	-	Closed & Open Loop Water-to-Air
216743667	RP070-1VTN-*****A	-	Closed & Open Loop Water-to-Air
217351687	TW025-1***-*****C	-	Closed & Open Loop Water-to-Air
216801918	TW025-1***-*****C	-	Closed & Open Loop Water-to-Air
205350086	TW025-1***-*****CB	-	Closed & Open Loop Water-to-Air
217351688	TW035-1***-*****C	-	Closed & Open Loop Water-to-Air
216801919	TW035-1***-*****C	-	Closed & Open Loop Water-to-Air
205350087	TW035-1***-*****CB	-	Closed & Open Loop Water-to-Air
217351689	TW049-1***-*****C	-	Closed & Open Loop Water-to-Air
216801920	TW049-1***-*****C	-	Closed & Open Loop Water-to-Air
205230418	TW049-1***-*****CB	-	Closed & Open Loop Water-to-Air
217351690	TW061-1***-*****C	-	Closed & Open Loop Water-to-Air
216801921	TW061-1***-*****C	-	Closed & Open Loop Water-to-Air
205350594	TW061-1***-*****CB	-	Closed & Open Loop Water-to-Air
205350085	TW122-1***-*****CB	-	Closed & Open Loop Water-to-Air
217351691	TW122-1CS/US*****C	-	Closed & Open Loop Water-to-Air
217351070	TW122-1CS/US*-*****C	-	Closed & Open Loop Water-to-Air

I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts presented are true, correct and complete.

Goncalo Costa, Director AC Regional Business Unit
August 18th, 2025

Manufacturers Certification Statement R-410A



25D Geothermal Heat Pump Efficiency Specification Product List

For the purposes of Section 25D (Residential Clean Energy Credit) of the Internal Revenue Code, Bosch Thermotechnology Corp. d/b/a Bosch Home Comfort North America, 65 Grove Street, Watertown, MA, 02472, confirms that the following Bosch water-source heat pump products (“Bosch Water Source Heat Pumps”) meet the [ENERGY STAR product specific requirements](#) for geothermal heat pumps placed in service before December 31st 2025, as set forth in 26 U.S. C.A § 25D (d)(5)(B)(ii). Please consult your tax advisor on how to obtain the credit.

AHRI CERTIFICATION NUMBER	OUTDOOR UNIT MODEL NUMBER	INDOOR UNIT MODEL NUMBER	TYPE
1483426	BP012-1HZ/VT	-	Closed & Open Loop Water-to-Air
202328436	BP018-1VT	-	Closed & Open Loop Water-to-Air
202732916	BP018-1HZ	-	Closed & Open Loop Water-to-Air
1483428	BP024-1HZ/VT	-	Closed & Open Loop Water-to-Air
1483429	BP030-1HZ/VT	-	Closed & Open Loop Water-to-Air
202921956	BP036-1HZ	-	Closed & Open Loop Water-to-Air
202921960	BP036-1VT	-	Closed & Open Loop Water-to-Air
202732300	BP042-1VT	-	Closed & Open Loop Water-to-Air
203253412	BP042-1HZ	-	Closed & Open Loop Water-to-Air
202541573	BP048-1VT	-	Closed & Open Loop Water-to-Air
203303774	BP048-1HZ	-	Closed & Open Loop Water-to-Air
203337769	CE025-1VT/HZ/CF	-	Closed & Open Loop Water-to-Air
203303773	CE035-1VT/HZ/CF	-	Closed & Open Loop Water-to-Air
203343533	CE049-1VT/HZ/CF	-	Closed & Open Loop Water-to-Air
203343534	CE061-1VT/HZ/CFN	-	Closed & Open Loop Water-to-Air
203364182	CE061-1VTC	-	Closed & Open Loop Water-to-Air
203818278	CE061-1HZC	-	Closed & Open Loop Water-to-Air
203325127	CE071-1VT/HZ/CF	-	Closed & Open Loop Water-to-Air
9113182	SM024-1VT/CF	-	Closed & Open Loop Water-to-Air
202835056	SM024-1VT	-	Closed & Open Loop Water-to-Air
203253413	SM024-1HZC	-	Closed & Open Loop Water-to-Air
203253414	SM024-1HZC	-	Closed & Open Loop Water-to-Air
203253415	SM024-1HZN	-	Closed & Open Loop Water-to-Air
203253416	SM024-1HZN	-	Closed & Open Loop Water-to-Air
7499702	SM036-1CF/HZ/VT	-	Closed & Open Loop Water-to-Air
9113183	SM036-1VT/CF	-	Closed & Open Loop Water-to-Air
202835053	SM036-1HZ	-	Closed & Open Loop Water-to-Air
202836307	SM036-1VT	-	Closed & Open Loop Water-to-Air
7499708	SM048-1CF/HZ/VT	-	Closed & Open Loop Water-to-Air
9113184	SM048-1VT/CF	-	Closed & Open Loop Water-to-Air
202835054	SM048-1HZ	-	Closed & Open Loop Water-to-Air
202836309	SM048-1VT	-	Closed & Open Loop Water-to-Air
203265529	SM048-1HZC	-	Closed & Open Loop Water-to-Air
203265533	SM048-1HZC	-	Closed & Open Loop Water-to-Air
203265538	SM048-1HZN	-	Closed & Open Loop Water-to-Air
203265540	SM048-1HZN	-	Closed & Open Loop Water-to-Air
9113185	SM060-1VT/CF	-	Closed & Open Loop Water-to-Air
202835057	SM060-1VT	-	Closed & Open Loop Water-to-Air
203268807	SM060-1HZ	-	Closed & Open Loop Water-to-Air

Manufacturers Certification Statement R-410A



25D Geothermal Heat Pump Efficiency Specification Product List

AHRI CERTIFICATION NUMBER	OUTDOOR UNIT MODEL NUMBER	INDOOR UNIT MODEL NUMBER	TYPE
203372993	SM060-1HZ	-	Closed & Open Loop Water-to-Air
7499719	SM070-1CF/HZ/VT	-	Closed & Open Loop Water-to-Air
9113186	SM070-1VT/CF	-	Closed & Open Loop Water-to-Air
203254465	SM070-1VT	-	Closed & Open Loop Water-to-Air
203372994	SM070-1HZ	-	Closed & Open Loop Water-to-Air
203372995	SM070-1HZ	-	Closed & Open Loop Water-to-Air
203343535	SM024-1CS	SM024-1AV/AH	Closed & Open Loop Water-to-Air
202328431	SM036-1CSC	SM036-1AV	Closed & Open Loop Water-to-Air
202328432	SM036-1CSN	SM036-1AV	Closed & Open Loop Water-to-Air
202679208	SM036-1CSC	SM036-1AH	Closed & Open Loop Water-to-Air
202732915	SM036-1CSN	SM036-1AH	Closed & Open Loop Water-to-Air
202328433	SM048-1CSC	SM048-1AV	Closed & Open Loop Water-to-Air
202444962	SM048-1CSN	SM048-1AV	Closed & Open Loop Water-to-Air
204283849	SM048-1CS	SM048-1AH	Closed & Open Loop Water-to-Air
202328434	SM060-1CSC	SM060-1AV	Closed & Open Loop Water-to-Air
202328435	SM060-1CSN	SM060-1AV	Closed & Open Loop Water-to-Air
204088624	SM060-1CS	SM060-1AH	Closed & Open Loop Water-to-Air
205503123	SM024-1CS	BVA-24WN1-M20	Closed & Open Loop Water-to-Air
205503124	SM024-1CS	BMAC2430BNTD	Closed & Open Loop Water-to-Air
205503125	SM036-1CSC	BVA-36WN1-M20	Closed & Open Loop Water-to-Air
205503126	SM036-1CSC	BMAC3036BNTD	Closed & Open Loop Water-to-Air
205958297	SM036-1CS	BVA-36WN1-M20	Closed & Open Loop Water-to-Air
205958298	SM036-1CS	BMAC3036BNTD	Closed & Open Loop Water-to-Air
205652461	SM048-1CS	BVA-48WN1-M20	Closed & Open Loop Water-to-Air
205652463	SM048-1CS	BMAC4248CNTF	Closed & Open Loop Water-to-Air
205652462	SM060-1CS	BVA-60WN1-M20	Closed & Open Loop Water-to-Air
205652464	SM060-1CS	BMAC4860CNTF	Closed & Open Loop Water-to-Air
205350086	TW025-1	-	Closed & Open Loop Water-to-Water
205350087	TW035-1	-	Closed & Open Loop Water-to-Water
205230418	TW049-1	-	Closed & Open Loop Water-to-Water
205350594	TW061-1	-	Closed & Open Loop Water-to-Water
205350085	TW122-1	-	Closed & Open Loop Water-to-Water

I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts presented are true, correct and complete.

Goncalo Costa, Director AC Regional Business Unit
August 18th, 2025