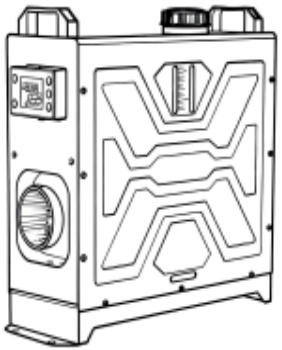
User Manual for Diesel Heater



Read Carefully Before Use Keep for Future Reference

Safety Information

⚠ Danger!

- **ONLY** use this product in accordance with these instructions and ALL local regulations and guidelines related to the use of diesel fuel and heating equipment. Failure to do so may expose you to legal liability and risk serious property damage and severe personal injury, possibly including death.
- **DO NOT** allow children or those unfamiliar with this product to use or install it. Do not use while under the influence of alcohol, drugs, or any medication that negatively affects your judgment or reflexes. Keep children and bystanders away during installation.
- Keep your work site clean and well lit. Cluttered and dark work areas invite accidents.
- Disconnect the vehicle battery connections before any installation, adjustment, repair, or maintenance.
- **ALWAYS** turn off the heater before adding any fuel.
- **ONLY** use **DIESEL** fuel for the heater. The use of low-quality diesel or other type of fuel may result in malfunctions or even involve risk of fire.
- **ALWAYS** use personal protective equipment (PPE) suitable for your task. Always wear ANSI-approved eye and hand protection while using this product. Nonslip footwear is also highly recommended. Other equipment, such as ear, head, and body protection, may also be necessary depending on your work and other equipment.
- Dress properly for the installation of the heater. **DO NOT** wear loose clothing or jewelry and keep hair, clothing, gloves, hoses, and tools away from any moving parts.
- The exhaust pipe must be routed to the outside of the vehicle or to an open outdoor area to prevent the accumulation of harmful gas in a enclosed space.
- **NEVER** operate the heater in a confined space without proper ventilation. This can result in the buildup of harmful gases and pose a risk to human health. If you experience any symptoms such as headaches, dizziness, or unconsciousness while operating the heater, immediately stop using the heater and move to a well-ventilated area. If symptoms persist, seek medical attention promptly. It is important to take these symptoms seriously and prioritize your health and safety.
- The heater and its components can become hot during operation. Avoid touching them to prevent the risk of burns or injury. **ALWAYS** wait for components to cool down or use protective gear when handling.
- **ALWAYS** install this heater in a spacious compartment away from any combustible or flammable materials. **NEVER** use the heater in hazardous locations such as fuel depots, carbon storage, and timber warehouses.
- If a fuel leak occurs, turn off the heater **IMMEDIATELY** and disconnect the fuel line. **ONLY** use a trained and licensed technician to repair the leak.
- Maintain this product. Check for misalignment, binding, wear, or other damage before use. If any damage is detected, repair or replace the problematic components before further use. Only replace components with identical parts.
- *Cotton and sponge have a combustion point of 150°C, paper has a combustion point of 130°C, fabric has a combustion point of 270°C, and diesel fuel has a combustion point of 220°C. The temperature of the hot air outlet should not exceed 85°C, while the exhaust pipe outlet temperature can exceed 270°C.

Sicherheitshinweise

Gefahr!

- Verwenden Sie dieses Produkt NUR gemäß den Anweisungen und ALLEN lokalen Vorschriften und Richtlinien für die Verwendung von Dieselkraftstoff und Heizgeräten. Das Nichtbefolgen kann zu rechtlichen Konsequenzen führen und erhebliche Sachschäden sowie schwere persönliche Verletzungen, möglicherweise mit Todesfolge, nach sich ziehen.
- Kinder oder Personen, die mit diesem Produkt nicht vertraut sind, dürfen es nicht verwenden oder installieren. Verwenden Sie es nicht unter dem Einfluss von Alkohol, Drogen oder Medikamenten, die Ihr Urteilsvermögen oder Ihre Reflexe negativ beeinflussen. Halten Sie Kinder und Zuschauer während der Installation fern.
- Halten Sie Ihren Arbeitsbereich sauber und gut beleuchtet. Unordentliche und dunkle Arbeitsbereiche erhöhen das Unfallrisiko.
- Trennen Sie vor jeder Installation, Einstellung, Reparatur oder Wartung die Batterieverbindungen des Fahrzeugs.
- Schalten Sie IMMER die Heizung aus, bevor Sie Kraftstoff hinzufügen.
- Verwenden Sie nur Dieselkraftstoff für die Heizung. Die Verwendung von minderwertigem Diesel oder anderen Kraftstoffarten kann zu Fehlfunktionen führen und sogar Brandgefahr darstellen.
- Verwenden Sie IMMER persönliche Schutzausrüstung (PSA), die für Ihre Aufgabe geeignet ist. Tragen Sie immer eine von ANSI zugelassene Augen- und Handenschutzmittel bei Verwendung dieses Produkts. Rutschfeste Schuhe werden ebenfalls dringend empfohlen. Je nach Ihrer Arbeit und anderen Geräten können auch andere Schutzausrüstungen wie Gehörschutz, Kopfschutz und Körperschutz erforderlich sein.
- Kleiden Sie sich angemessen für die Installation des Heizgeräts. Tragen Sie KEINE locker sitzende Kleidung oder Schmuck und halten Sie Haare, Kleidung, Handschuhe, Schläuche und Werkzeuge von beweglichen Teilen fern.
- Das Abgasrohr muss nach außen oder in einen offenen Außenbereich geführt werden, um die Ansammlung von schädlichen Gasen in einem geschlossenen Raum zu vermeiden.
- Betreiben Sie das Heizgerät NIE in einem geschlossenen Raum ohne ausreichende Belüftung. Dadurch können schädliche Gase entstehen und ein Risiko für die menschliche Gesundheit darstellen. Wenn Sie während des Betriebs des Heizgeräts Symptome wie Kopfschmerzen, Schwindel oder Bewusstlosigkeit bemerken, beenden Sie sofort die Verwendung des Heizgeräts und gehen Sie an einen gut belüfteten Bereich. Wenn die Symptome anhalten, suchen Sie umgehend ärztliche Hilfe auf. Nehmen Sie diese Symptome ernst und geben Sie Ihrer Gesundheit und Sicherheit Vorrang.
- Der Heizer und seine Komponenten können während des Betriebs heiß werden. Vermeiden Sie das Berühren, um das Risiko von Verbrennungen oder Verletzungen zu vermeiden. Warten Sie IMMER, bis die Komponenten abgekühlt sind, oder verwenden Sie Schutzausrüstung beim Umgang.
- Installieren Sie dieses Heizgerät IMMER in einem geräumigen Fach, das sich fern von brennbaren Materialien befindet. Verwenden Sie das Heizgerät NIEMALS an gefährlichen Orten wie Kraftstofflagern, Kohlespeichern und Holzlagerhallen.
- Bei einem Kraftstoffleck schalten Sie das Heizgerät SOFORT aus und trennen Sie die Kraftstoffleitung. Lassen Sie ausschließlich geschultes und lizenziertes Fachpersonal das Leck reparieren.
- Warten Sie dieses Produkt regelmäßig. Überprüfen Sie vor der Verwendung auf Fehlausrichtung, Blockaden, Verschleiß oder andere Schäden. Wenn Schäden festgestellt werden, reparieren oder ersetzen Sie die betroffenen Komponenten vor weiterer Verwendung. Ersetzen Sie Komponenten nur durch identische Teile.
- *Cotton and sponge have a combustion point of 150°C, paper has a combustion point of 130°C, fabric has a combustion point of 270°C, and diesel fuel has a combustion point of 220°C. The temperature of the hot air outlet should not exceed 85°C, while the exhaust pipe outlet temperature can exceed 270°C.

Informations de sécurité

Danger!

- Utilisez UNIQUEMENT ce produit conformément à ces instructions et à TOUTES les réglementations et directives locales relatives à l'utilisation de carburant diesel et d'équipements de chauffage. Ne pas le faire peut vous exposer à des responsabilités légales et à des risques de dommages matériels graves et de blessures corporelles graves, pouvant entraîner la mort.
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- Déconnectez les connexions de la batterie du véhicule avant toute installation, réglage, réparation ou entretien.
- ÉTEIGNEZ TOUJOURS le chauffage avant d'ajouter du carburant.
- Utilisez uniquement du carburant diesel pour le chauffage. L'utilisation de diesel de mauvaise qualité ou d'un autre type de carburant peut entraîner des dysfonctionnements ou même présenter un risque d'incendie.
- UTILISEZ TOUJOURS un équipement de protection individuelle (EPI) adapté à votre tâche. Portez toujours une protection des yeux et des mains approuvée par l'ANSI lors de l'utilisation de ce produit. Il est également fortement recommandé de porter des chaussures antidérapantes. D'autres équipements, tels que la protection auditive, de la tête et du corps, peuvent également être nécessaires en fonction de votre travail et d'autres équipements.
- Habillez-vous correctement pour l'installation du chauffage. NE portez PAS de vêtements amples ou de bijoux et maintenez les cheveux, les vêtements, les gants, les tuyaux et les outils éloignés de toute pièce mobile.
- Le tuyau d'échappement doit être dirigé vers l'extérieur du véhicule ou vers une zone extérieure ouverte afin d'éviter l'accumulation de gaz nocifs dans un espace clos.
- N'utilisez JAMAIS le chauffage dans un espace confiné sans une ventilation adéquate. Cela peut entraîner l'accumulation de gaz nocifs et présenter un risque pour la santé humaine. Si vous ressentez des symptômes tels que des maux de tête, des étourdissements ou une perte de connaissance pendant l'utilisation du chauffage, arrêtez immédiatement son utilisation et déplacez-vous vers un endroit bien ventilé. Si les symptômes persistent, consultez rapidement un professionnel de la santé. Il est important de prendre ces symptômes au sérieux et de prioriser votre santé et votre sécurité.
- Le chauffage et ses composants peuvent devenir chauds pendant le fonctionnement. Évitez de les toucher pour prévenir les risques de brûlures ou de blessures. ATTENDEZ TOUJOURS que les composants refroidissent ou utilisez un équipement de protection lors de la manipulation.
- INSTALLEZ TOUJOURS ce chauffage dans un compartiment spacieux, loin de tout matériau combustible ou inflammable. N'utilisez JAMAIS le chauffage dans des endroits dangereux tels que les dépôts de carburant, le stockage de carbone et les entrepôts de bois.
- En cas de fuite de carburant, ÉTEIGNEZ IMMÉDIATEMENT le chauffage et débranchez la conduite de carburant. Faites uniquement appel à un technicien formé et agréé pour réparer la fuite.
- Entretenez ce produit. Vérifiez les éventuels problèmes d'alignement, de blocage, d'usure ou de dommage avant utilisation. Si des dommages sont détectés, réparez ou remplacez les composants défectueux avant toute utilisation ultérieure. Remplacez uniquement les composants par des pièces identiques.
- *Le coton et l'éponge ont un point d'ignition de 150°C, le papier a un point d'ignition de 130°C, le tissu a un point d'ignition de 270°C et le carburant diesel a un point d'ignition de 220°C. La température de sortie de l'air chaud ne doit pas dépasser 85°C, tandis que la température de sortie du tuyau d'échappement peut dépasser 270°C.

Informazioni sulla sicurezza

Pericolo!

- Utilizzare questo prodotto solo in conformità alle istruzioni e a tutte le normative e linee guida locali relative all'uso di carburante diesel ed attrezzature di riscaldamento. Non farlo può comportare responsabilità legale e rischio di danni materiali gravi e lesioni personali, inclusa la morte.
- Non consentire a bambini o persone non familiari con questo prodotto di utilizzarlo o installarlo. Non utilizzare mentre si è sotto l'influenza di alcol, droghe o qualsiasi farmaco che influisca negativamente sul giudizio o i riflessi. Mantenere i bambini e gli spettatori lontani durante l'installazione.
- Mantenere il luogo di lavoro pulito e ben illuminato. Le aree di lavoro disordinate e buie favoriscono gli incidenti.
- Disconnettere le connessioni della batteria del veicolo prima di qualsiasi installazione, regolazione, riparazione o manutenzione.
- SPEGNERE SEMPRE il riscaldatore prima di aggiungere carburante.
- Utilizzare solo carburante diesel per il riscaldatore. L'uso di diesel di bassa qualità o altri tipi di carburante potrebbe causare malfunzionamenti o persino il rischio di incendio.
- Utilizzare SEMPRE dispositivi di protezione individuale (DPI) adatti al proprio compito. Indossare sempre protezioni oculari e manuali approvate ANSI durante l'utilizzo di questo prodotto. Si consiglia anche l'uso di calzature antiscivolo. Potrebbero essere necessarie altre protezioni come auricolari, caschi e protezioni per il corpo a seconda del lavoro e degli altri strumenti.
- Vestirsi adeguatamente per l'installazione del riscaldatore. NON indossare abiti o gioielli larghi e tenere capelli, abiti, guanti, tubi e utensili lontani da eventuali parti in movimento.
- Il tubo di scarico deve essere indirizzato verso l'esterno del veicolo o verso un'area aperta all'aperto per evitare l'accumulo di gas nocivi in uno spazio chiuso.
- NON far funzionare il riscaldatore in uno spazio ristretto senza una ventilazione adeguata. Ciò potrebbe provocare l'accumulo di gas nocivi e rappresentare un rischio per la salute umana. Se si verificano sintomi come mal di testa, vertigini o svenimenti durante l'utilizzo del riscaldatore, interrompere immediatamente l'uso e spostarsi in un'area ben ventilata. Se i sintomi persistono, consultare tempestivamente un medico. È importante prendere sul serio questi sintomi e dare priorità alla propria salute e sicurezza.
- Il riscaldatore e i suoi componenti possono surriscaldarsi durante il funzionamento. Evitare di toccarli per evitare il rischio di ustioni o lesioni. ASPETTARE SEMPRE che i componenti si raffreddino o utilizzare dispositivi di protezione durante la manipolazione.
- Installare SEMPRE questo riscaldatore in un vano spazioso lontano da material i combustibili o infiammabili. NON utilizzare mai il riscaldatore in luoghi pericolosi come depositi di carburante, depositi di carbonio e magazzini di legname.
- In caso di perdita di carburante, spegnere IMMEDIATAMENTE il riscaldatore e disconnettere la linea del carburante. Chiamare solo un tecnico qualificato e autorizzato per riparare la perdita.
- Mantenere questo prodotto. Controllare eventuali disallineamenti, blocchi, usura o altri danni prima dell'uso. Se viene rilevato un qualsiasi danno, riparare o sostituire i componenti problematici prima di continuare ad utilizzare. Sostituire i componenti solo con parti identiche.
- *Il cotone e la spugna hanno un punto di combustione di 150°C, la carta ha un punto di combustione di 130°C, il tessuto ha un punto di combustione di 270°C e il carburante diesel ha un punto di combustione di 220°C. La temperatura dell'aria calda in uscita non dovrebbe superare gli 85°C, mentre la temperatura di uscita del tubo di scarico può superare i 270°C.

Información de seguridad

Peligro!

- Utilice este producto únicamente de acuerdo con estas instrucciones y TODAS las regulaciones y pautas locales relacionadas con el uso de combustible diésel y equipos de calefacción. No hacerlo puede exponerlo a responsabilidad legal y correr el riesgo de daños graves a la propiedad y lesiones personales graves, incluyendo la muerte.
- NO permita que los niños o personas no familiarizadas con este producto lo utilicen o lo instalen. No lo utilice bajo los efectos del alcohol, drogas o cualquier medicamento que afecte negativamente su juicio o reflejos. Mantenga a los niños y espectadores alejados durante la instalación.

  Mantenga su lugar de trabajo limpio y bien iluminado. Las áreas de trabajo desordenadas y oscuras propician accidentes.
- Desconecte las conexiones de la batería del vehículo antes de cualquier instalación, ajuste, reparación o mantenimiento.
- SIEMPRE apague el calentador antes de agregar combustible.
- Utilice únicamente combustible diésel para el calentador. El uso de diésel de baja calidad u otro tipo de combustible puede provocar fallas o incluso riesgo de incendio.
- SIEMPRE use equipo de protección personal (EPP) adecuado para su tarea. Siempre use protección ocular y de manos aprobada por ANSI al usar este producto. También se recomienda encarecidamente calzado antideslizante. Otro equipo, como protección para los oídos, la cabeza y el cuerpo, también puede ser necesario según su trabajo y otros equipos.
- Vístase adecuadamente para la instalación del calentador. NO use ropa suelta ni joyas y mantenga el cabello, la ropa, los guantes, las mangueras y las herramientas alejadas de cualquier pieza móvil.
- El tubo de escape debe dirigirse hacia el exterior del vehículo o hacia una zona al aire libre abierta para evitar la acumulación de gases dañinos en un espacio cerrado.
- NUNCA opere el calentador en un espacio confinado sin ventilación adecuada. Esto puede resultar en la acumulación de gases dañinos y representar un riesgo para la salud humana. Si experimenta algún síntoma como dolores de cabeza, mareos o pérdida de conciencia mientras usa el calentador, detenga inmediatamente su uso y diríjase a un área bien ventilada. Si los síntomas persisten, busque atención médica de inmediato. Es importante tomar en serio estos síntomas y priorizar su salud y seguridad.
- El calentador y sus componentes pueden calentarse durante su funcionamiento. Evite tocarlos para evitar el riesgo de quemaduras o lesiones. SIEMPRE espere a que los componentes se enfríen o use equipo de protección al manipularlos.
- INSTALE siempre este calentador en un compartimento espacioso lejos de cualquier material combustible o inflamable. NUNCA use el calentador en lugares peligrosos como depósitos de combustible, almacenamiento de carbono y almacenes de madera.
- En caso de fuga de combustible, apague el calentador DE INMEDIATO y desconecte la línea de combustible. SOLAMENTE utilice un técnico capacitado y con licencia para reparar la fuga.
- Mantenga este producto. Verifique si hay desalineación, atascos, desgaste u otros daños antes de usarlo. Si se detecta algún daño, repare o reemplace los componentes problemáticos antes de seguir utilizándolo. Solo reemplace los componentes con piezas idénticas.
- *El algodón y la esponja tienen un punto de combustión de 150°C, el papel tiene un punto de combustión de 130°C, la tela tiene un punto de combustión de 270°C y el combustible diésel tiene un punto de combustión de 220°C. La temperatura de salida del aire caliente no debe superar los 85°C, mientras que la temperatura de salida del tubo de escape puede superar los 270°C.

安全情報

⚠ 危険！

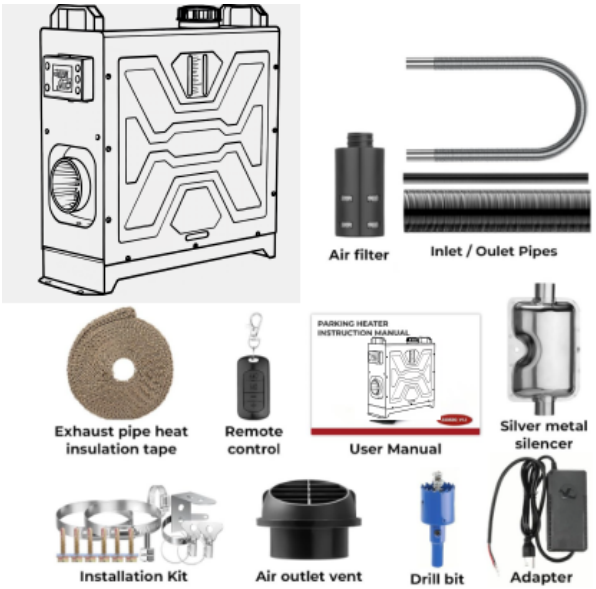
- のみ、これらの指示およびディーゼル燃料および暖房機器の使用に関連するすべての現地の規制およびガイドラインに従って本製品を使用します。そうしないと、法的責任にさらされ、重大な財産損害や死亡を含む重大な人身傷害の危険性がある可能性があります。
- は、子供やこの製品に慣れていない人に使用またはインストールを許可しないでください。アルコール、薬物、または判断や反射に悪影響を及ぼす薬の影響下では使用しないでください。設置中は子供や傍観者を遠ざけてください。
- 作業現場をきれいに保ち、よく照らされます。乱雑で暗い作業エリアは事故を招きます。
- 設置、調整、修理、またはメンテナンスの前に、車両のバッテリー接続を切断します。
- 常に燃料を加える前にヒーターをオフにしてください。
- ヒータには、のみディーゼル燃料を使用する。低品質のディーゼルまたはその他の種類の燃料を使用すると、故障や火災のリスクが発生する可能性があります。
- 常には、タスクに適した個人保護具(PPE)を使用してください。この製品を使用するときは、常にANSI承認の目と手の保護を着用してください。滑り止めの靴も強くお勧めします。耳、頭、体の保護などの他の機器も、仕事やその他の機器によっては必要になる場合があります。
- ヒーターの設置のために適切に服装してください。はゆったりとした衣類やジュエリーを着用しないでください。髪、衣類、手袋、ホース、道具を可動部品から遠ざけてください。
- 前記排気管は、密閉空間に有害ガスが蓄積することを防止するために、車両の外部または開放された屋外エリアに配置されなければならない、
- は、適切な換気なしに閉じ込められた空間でヒーターを操作しないでください。これにより有害なガスが蓄積し、人間の健康に危険をもたらす可能性があります。ヒーターの操作中に頭痛、めまい、意識不明などの症状が発生した場合は、すぐにヒーターの使用を中止し、換気の良い場所に移動してください。症状が持続した場合は、速やかに医師の診察を受けてください。これらの症状を真剣に受け止め、健康と安全を優先することが重要です。
- ヒータおよびその部品は、動作中に熱くなる可能性があります。火傷や怪我のリスクを防ぐために、それらに触れないようにしてください。常にコンポーネントが冷却されるのを待つか、取り扱い時に保護具を使用します。
- 常にこのヒーターを可燃性または可燃性材料から離れた広々としたコンパートメントに取り付けてください。は、燃料デポ、炭素貯蔵、木材倉庫などの危険な場所でヒーターを使用しないでください。
- 燃料漏れが発生した場合は、すぐにヒーターをオフにし、燃料ラインを切断します。のみが、訓練を受けた認可を受けた技術者を使用して漏れを修復します。
- この製品を維持します。使用前に、位置ずれ、結合、摩耗、またはその他の損傷を確認してください。損傷が検出された場合は、さらに使用する前に問題のあるコンポーネントを修理または交換してください。コンポーネントを同じ部品に交換するだけです。
- *綿とスポンジの燃焼点は150℃、紙の燃焼点は130℃、布の燃焼点は270℃、ディーゼル燃料の燃焼点は220℃です。熱風出口の温度は85℃を超えてはいけませんが、排気管出口の温度は270℃を超えています。

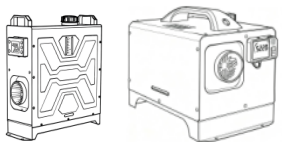
Veiligheidsinformatie

⚠ Gevaar!

- Gebruik dit product ALLEEN volgens deze instructies en ALLE lokale voorschriften en richtlijnen met betrekking tot het gebruik van dieselbrandstof en verwarmingsapparatuur. Het niet naleven hiervan kan leiden tot juridische aansprakelijkheid, ernstige schade aan eigendommen en ernstig persoonlijk letsel, mogelijk met inbegrip van overlijden.
- Laat kinderen of personen die niet bekend zijn met dit product het niet gebruiken of installeren. Gebruik het niet onder invloed van alcohol, drugs of medicijnen die uw oordeelsvermogen of reflexen negatief beïnvloeden. Houd kinderen en omstanders op afstand tijdens de installatie.
- Houd uw werkplek schoon en goed verlicht. Rommelige en donkere werkplekken nodigen uit tot ongelukken.
- Koppel de accu van het voertuig los voordat u gaat installeren, aanpassen, repareren of onderhouden.
- Schakel ALTIJD de verwarming uit voordat u brandstof toevoegt.
- Gebruik alleen dieselbrandstof voor de verwarming. Het gebruik van diesel van lage kwaliteit of andere soorten brandstof kan leiden tot storingen of zelfs brandgevaar.
- Gebruik ALTIJD persoonlijke beschermingsmiddelen (PBM) die geschikt zijn voor uw taak. Draag altijd een ANSI-goedgekeurde oog- en handbescherming tijdens het gebruik van dit product. Antislip schoeisel wordt ook sterk aanbevolen. Andere uitrusting, zoals oor-, hoofd- en lichaamsbescherming, kan ook noodzakelijk zijn, afhankelijk van uw werk en andere apparatuur.
- Kleed u op de juiste manier voor de installatie van de verwarming. Draag geen losse kleding of sieraden en houd haar, kleding, handschoenen, slangen en gereedschap uit de buurt van bewegende onderdelen.
- De uitlaatpijp moet naar buiten worden geleid of naar een open buitenruimte om te voorkomen dat schadelijke gassen zich ophopen in een afgesloten ruimte.
- Bedien de verwarming NOOIT in een besloten ruimte zonder goede ventilatie. Dit kan leiden tot de ophoping van schadelijke gassen en een risico vormen voor de menselijke gezondheid. Als u tijdens het gebruik van de verwarming symptomen ervaart zoals hoofdpijn, duizeligheid of bewusteloosheid, stop dan onmiddellijk met het gebruik van de verwarming en verplaats u naar een goed geventileerde ruimte. Als de symptomen aanhouden, zoek dan onmiddellijk medische hulp. Het is belangrijk om deze symptomen serieus te nemen en uw gezondheid en veiligheid voorop te stellen.
- De verwarming en de onderdelen kunnen heet worden tijdens gebruik. Raak ze niet aan om het risico op brandwonden of letsel te voorkomen. Wacht ALTIJD tot de onderdelen zijn afgekoeld of gebruik beschermende kleding bij het hanteren ervan.
- Installeer deze verwarming ALTIJD in een ruime compartiment, uit de buurt van brandbare materialen. Gebruik de verwarming NOOIT op gevaarlijke locaties zoals brandstofdepots, koolstofopslagplaatsen en houtopslagplaatsen.
- Als er een brandstoflekkage optreedt, schakel de verwarming DAN ONMIDDELLIJK uit en koppel de brandstofleiding los. Laat alleen een opgeleide en erkende technicus de lekkage repareren.
- Onderhoud dit product. Controleer op onjuiste uitlijning, blokkades, slijtage of andere schade voordat u het gebruikt. Als er schade wordt vastgesteld, repareer of vervang dan de problematische onderdelen voordat u het verder gebruikt. Vervang alleen onderdelen door identieke exemplaren.
- *Katoen en spons hebben een ontbrandingspunt van 150°C, papier heeft een ontbrandingspunt van 130°C, stof heeft een ontbrandingspunt van 270°C en dieselbrandstof heeft een ontbrandingspunt van 220°C. De temperatuur van de uitlaat van hete lucht mag niet hoger zijn dan 85°C, terwijl de temperatuur van de uitlaatpijp hoger kan zijn dan 270°C.

Parts List



No.	Product Image	Name	Qty.
A		Main Body	1
B		Air Outlet Ducting	1
C		Air Inlet Ducting	1
D		Exhaust Ducting	1
E		Muffler	1

No.	Product Image	Name	Qty.
F		Air Filter	1
G		exhaust pipe heast insulation tape	1
H		use manual	1
I		installation kit	1
J		air outlet vent	1
K		drill bit	1
L		Remote Control	1
M		adapter	1

B2018 Bluetooth Operating Manual

(231221_V1.0)

Instructions on displays of the panel in the standby mode:	After the power-on initialization is completed, check the panel (Turn the knob, with one time for one of the followings) which displays the followings circularly; **Display of clock → display of shell temperature → display of power supply voltage → display of gear/temperature setting → display of altitude → display of the failure code in case of a failure**	
Instructions on button operation	Standby mode	Power button: short press to power on, and the panel displays ON.
		Knob: Adjust the temperature/gear.
		Setting button: long press for 3 seconds to set parameter.
		Confirm button: short press cyclically to switch the displays.
	Power on mode	Power button: long press 3 seconds to power off, and the panel displays OFF.
		Knob: Adjust the temperature/gear.
		Confirm button: short press cyclically to switch the displays.
Instructions on remote control code matching	Standby mode	Long press the setting button + Counterclockwise knob to enter the remote-control code matching interface, and "-PE-" will be displayed. Long press the ON/OFF button of the remote control for code matching, and exit after the code matching is successful or by short pressing the power button. If the button is inactive for 20 seconds, automatically exit; The remote control icon is always on after the code matching is successful;
Instructions on manual oil pumping	Standby mode	Long press the power button + clockwise knob to enter the manual oil pumping interface, and "020P" will be displayed. Turn the knob to adjust the oil pumping time (the maximum manual oil pumping time is 120 seconds). Short press the power button to start/stop oil pumping. Short press the power button to exit or automatically exit after the button is inactive for 20 seconds;

Instructions on manual gear control mode/ auto constant temperature mode	Standby mode/power on mode	1. Long press the setting button + clockwise knob to switch the constant temperature mode, and the interface displays "27℃" and flashes; Long press again to switch the manual mode, and the interface will display "P01" (the manual mode by default); 2. In the power on mode, long press ON button of the remote control for 3 seconds to cyclically switch the manual mode and constant temperature mode. Each switch must be at least 3 seconds before it can be switched again; 3. In the standby mode, long press OFF button of the remote control for 3 seconds to cyclically switch the manual mode and constant temperature mode. Each switch must be at least 3 seconds before it can be switched again;
Instructions on temperature display switching	Power on mode	Degrees Celsius is displayed by default, such as "27℃". In the power-on mode, long press the confirm button for 3 seconds to switch the display of Degrees Fahrenheit, and the interface displays "27 ℉"; At this time, any content related to temperature display will be switched to Fahrenheit display;
Ventilation Mode Operation Instructions	Standby Mode	Long press the Settings button and Power button for 9 seconds. There will be "ON" indicator flashing on the interface, indicating that the ventilation mode is activated. Rotate the knob to switch between different levels. For example, if it displays "-P2-" (Level 1-5). Long press the Power button for 3 seconds to exit the ventilation mode, and the "OFF" indicator will flash on the interface.
Instructions on parameter setting (Standby mode)	Level 1 Menu selection	Long press the setting button for 3 seconds to enter the menu, and display "SET8". Turn the knob to switch options, short press the confirm button to enter the options, short press the power button to save and exit, or automatically exit after the button is inactive for 20 seconds; SET1--SET9 can be selected;
	SET8 Time setting	After selecting "SET8", short press the confirm button to enter, and the upper row will display "-1-". Turn the knob to switch Monday-Sunday. Short press the confirm button to switch to the lower row display as "00:00". Turn the knob to switch the time. Short press the confirm button to switch to the minute display. After the minute is adjusted, short press the confirm button to jump to the next item (SET9) in the first-level menu or short press the power button for 3 seconds to save and exit, or automatically exit after the button is inactive for 20 seconds without saving;

	SET1-7 Timing setting	Select SET1-7 corresponding to Monday-Sunday in the first-level menu, short press the confirm button to enter, and "CLS" will be displayed in the upper row. Turn the knob to switch CLS, ON and LON, and short press the confirm button to confirm;	
		CLS (Back)	Short press the confirm button to select to return to the previous menu.
		ON (Single timing startup)	Short press the confirm button to enter the interface of setting single timing startup. Initially, "00:00" is displayed and the first blank flashes. Turn the knob to change the number, and then short press the confirm button to enter the next blank. Then short press the confirm button to enter the OFF setting.
		OFF (Single timing shutdown)	Short press the confirm button to enter the interface of setting single timing shutdown after setting ON. Initially, "00:00" is displayed and the first blank flashes. Turn the knob to change the number, and then short press the confirm button to enter the next blank. Then short press the confirm button to return to the next item in the first-level menu after setting.
		LON (Cycle timing startup)	Short press the confirm button to enter the interface of setting cycle timing startup. Initially, "00:00" is displayed and the first blank flashes. Turn the knob to change the number, and then short press the confirm button to enter the next blank. Then short press the confirm button to enter the LOF setting.
		LOF (Cycle timing shutdown)	Short press the confirm button to enter the interface of setting cycle timing shutdown after setting LON. Initially, "00:00" is displayed and the first blank flashes. Turn the knob to change the number, and then short press the confirm button to enter the next blank. Then short press the confirm button to return to the next item in the first-level menu after setting.
	SET9 Configuration setting	Password input	Initially, it displays “ - - - - ” and the first blank flashes. Turn the knob to change the number, and then short press the confirm button to confirm it to enter the next blank. The subsequent numbers are set in sequence, and finally short press the confirm button to enter the next setting when the password is correct.
		Parts selection	Display "12V" by default, turn the knob to switch, and you can choose 12V, 24V and AU (automatic matching). Short press the confirm button to enter the next item;
		Power selection	Display "H-5" by default, turn the knob to switch, and you can choose H-8 (8KW), H-5 (5KW) and L-2 (2KW). Short press the confirm button to enter the next item;
		Selection of oil pump type	Display "22ML" by default, turn the knob to switch, and you can choose 16ML, 22ML and 28ML. Short press the confirm button to enter the next item;
		Language selection	Display "L-C" by default, turn the knob to switch, and you can choose L-C (Chinese), L-F (foreign language) and L-0 (mute). Press the confirm button to enter the next item;
		Start-stop mode selection	Display "OFF" by default, turn the knob to switch, and you can choose OFF or ON. Short press the confirm button to enter the next item;

		Start-up time setting	When the start-stop mode is ON, enter this page, and the default value is 25℃. Turn the knob to change the number, and short press the confirm button to return to the first item;
	Note: After all parameter settings are finished, please press the power button to confirm and save the settings before exiting. No settings will be saved in case of automatic exit after timeout.		
Instructions on voice broadcast	It will report only when the interface is switched or the status is changed; report is not performed during adjustment; report is performed when the interface stays for more than 1.5s during adjustment; **Note: (Voice button is Off: Long press the Confirm button + Counterclockwise knob);**		
Bluetooth Connection Instructions	Power On/Standby Mode	**Open the mobile app or WeChat program and navigate to the QR code binding interface.** **1. Click on the "Scan QR code" option and scan the corresponding QR code on the panel. If the connection is successful, it will redirect to the device control interface and prompt that the connection is successful, displaying specific working parameters.** **2.Click on the "Auto-Search Device" option to start automatic searching. If the device is successfully connected, it will redirect to the device control interface and prompt that the connection is successful, displaying specific working parameters.** **(To disconnect the device, go to the personal center, click on "Device management", and follow the steps to unbind the device. Alternatively, long press the Settings button and the Confirm button on the panel for 3 seconds, and the software will prompt that the Bluetooth is disconnected. For detailed Bluetooth operation instructions, please refer to the software's personal center.)** WeChat APP IOS APP Android APP	

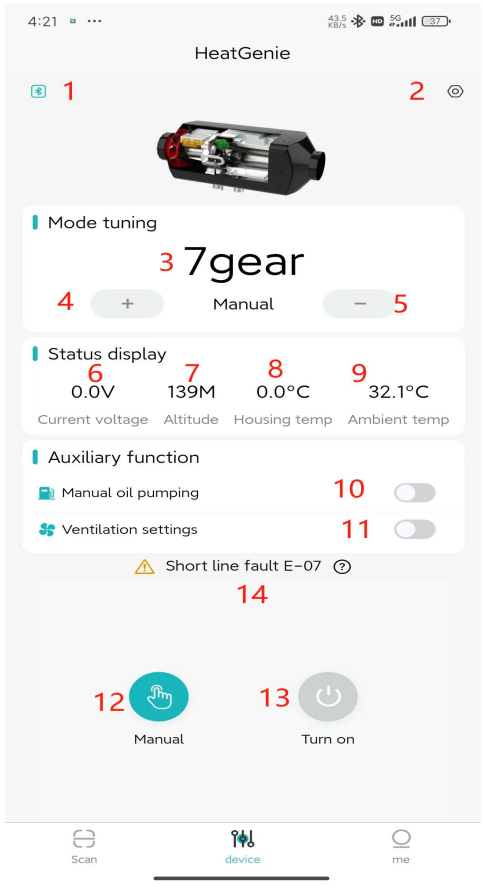
Instructions on screen off	Standby mode	The screen will completely turn off after no press for more than 3 minutes.	
	Power on mode	The screen will turn off after no press for more than 3 minutes If the screen is off, there will be a breathing light prompt and it will display. Press any button to wake up the screen.	
Instructions on failures and how to deal with them	Under voltage	E-01	The voltage is too low: for 24V, lower than 18V, and for 12V, lower than 10V.
	Over voltage	E-02	The voltage is too high: for 24V, higher than 32V, and for 12V, higher than 17V.
	Spark plug failure	E-03/F1	Short circuit of spark plug
		E-03/F2	Open circuit of spark plug
	Oil pump failure	E-04/F1	Short circuit of oil pump
		E-04/F2	Open circuit of oil pump
	Overheating	E-05	The shell temperature exceeds 260℃. Check whether the air inlet and outlet are blocked.
	Motor failure	E-06/F1	Short circuit of fan
		E-06/F2	Open circuit of fan
		E-06/F3	Fan speed not recognized by Hall sensor
	Disconnection	E-07	Check whether the communication cable or plug between the power button and the controller is open or virtually connected.
	Flame failure	E-08	Check whether there is air or wax blockage in the oil circuit, resulting in poor oil supply.
	Sensor failure	E-09/F1	Short circuit of case temperature sensor
		E-09/F2	Open circuit of case temperature sensor
	Ignition failure	E-10	In case of two times of ignition failure, check the reasons such as blocked oil circuit, not smooth oil intake, stuck oil pump or blocked volatile net due to oil problems.
	Failures in ambient temperature sensors	E-11	Ambient temperature sensors are open or short-circuited.
	Controller overheating	E-12	The temperature of the controller exceeds 100℃. Check whether the air inlet and outlet are blocked, or whether the ECU is damaged.

Operation Instructions for the "Heat Genie" APP

For IOS systems, search "Heat Genie" on the APP Store to download the APP. For Android, search "Heat Genie" on the Google Play Store or scan the QR code below to download. Then, follow these steps to connect and control the device with your phone.

WeChat APP　　IOS APP　　Android APP

1.Activate your phone's Bluetooth, launch the APP and enter the following interface.

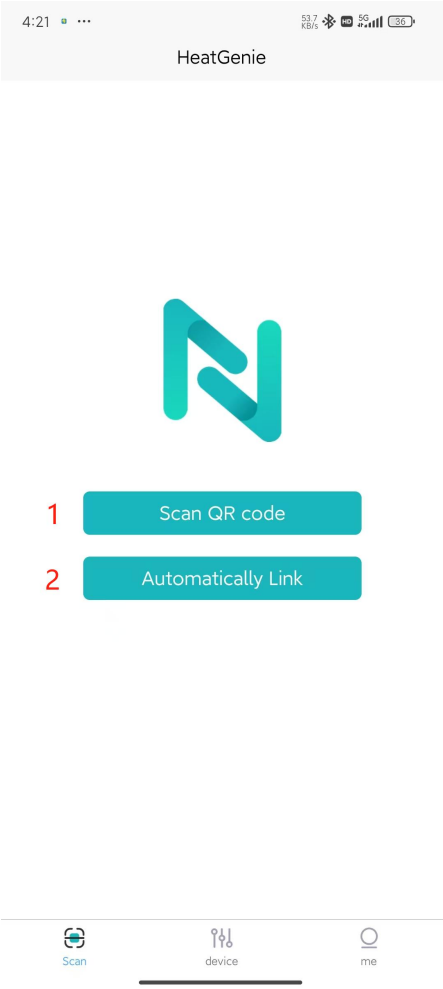


1. Bluetooth connection status
2. Advanced settings button
3. Temperature/gear setting
4. "+" button
5. "-" button
6. Voltage
7. Altitude
8. Housing temperature
9. Ambient temperature
10. Manual oil pump button
11. Ventilation mode button
12. Manual/Constant mode toggle
13. Power on/off button
14. Failure code display

2. Open the APP and enter the main interface.

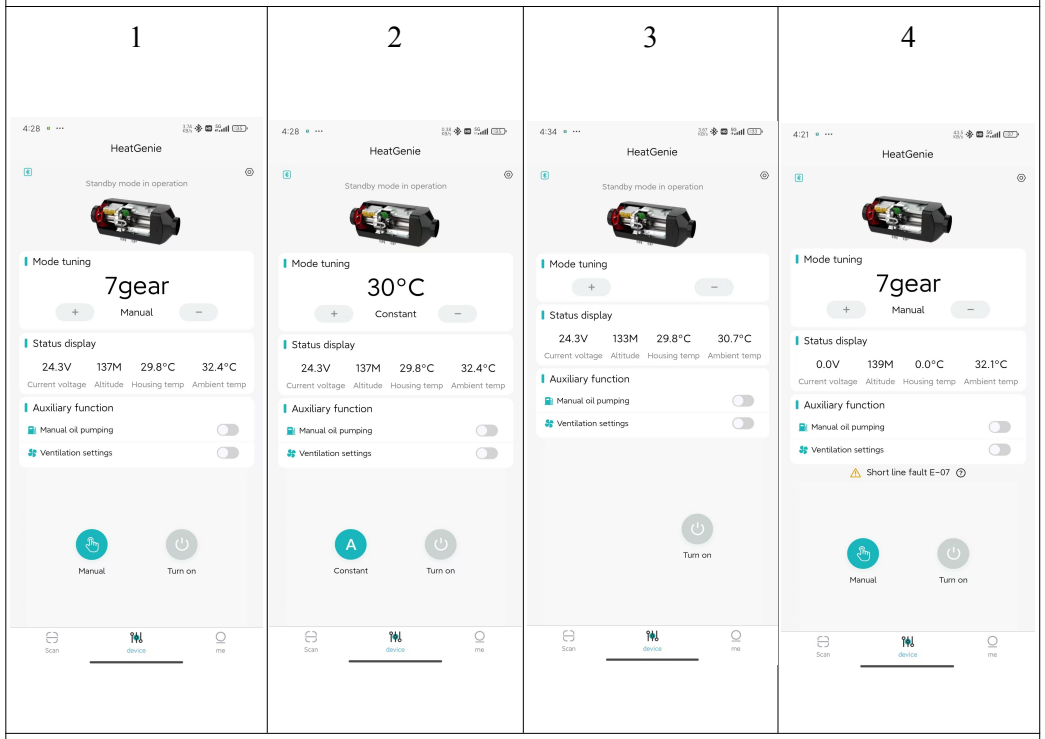
1.Click on 1 [Scan QR Code] and scan the QR code provided on the back of the panel to connect via Bluetooth. Recommended for multiple devices.

2.Click on 2 [Automatically Link] for automatic Bluetooth connection. Ideal for single device use.

Main interface of the program	Scan QR Code	Automatically Link
		

If the device is not found, check if another phone is already connected (each device can only connect to one phone), or power cycle the device and phone Bluetooth, then repeat step 1.

3.After successful connection, the interface will be displayed as shown in the figure below:



Power Status Indicators:

1. (Manual Mode) ; 2. (Temperature Mode) ; 3. (Start/Stop Mode) ; 4. (Fault Indicator)

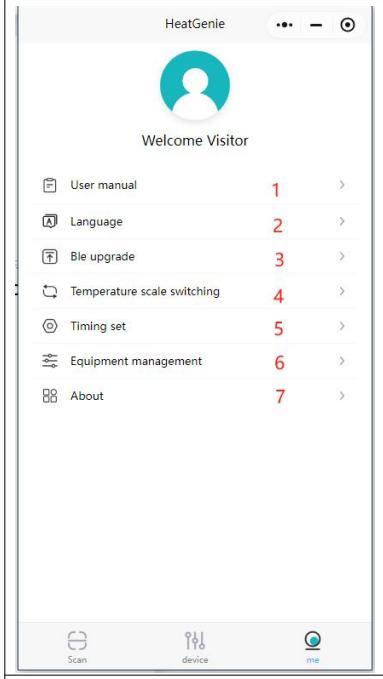
1)Power On & Operation

In standby mode, press the [Power On/Off Button] to activate the heating function, and the display will show "Power On Status" as illustrated. Press the [+] button to increase the setting, and the [-] button to decrease it. Press the [Manual/Constant Mode Switch Button] to toggle between manual (P1-P10) and constant (10-40°C) modes.

2)Power Off

While powered on, press [Power On/Off Button] to shut down. The device will enter residual oil combustion and cooling mode.

4.Personal Center



1. User Manual: a brief introduction to usage

2.Language: Select from multiple languages.

3.Bluetooth Upgrade: Update Bluetooth firmware.

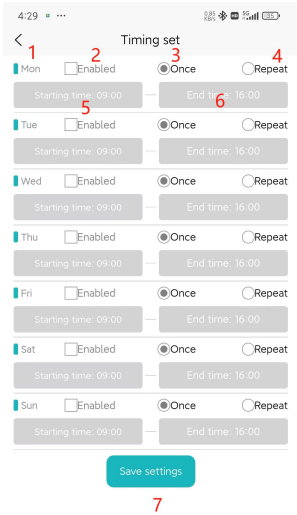
4.Toggle: Switch between Fahrenheit and Celsius.

5.Timing Set: Schedule power on/off.

6.Device Binding: auto-connect and disconnect feature.

7.About: device information.

5.Page Description of Timing Set



1.Week: Select specific days.

2.Enabled: Activate the timer to execute scheduled tasks on the selected days.

3.Single Run: Enables the timer to execute once and then automatically disables it after completion.

4.Repeat Run: Sets the timer to execute weekly at the specified time, provided the device remains powered on.

5.Starting Time: Configures the scheduled time for power-on.

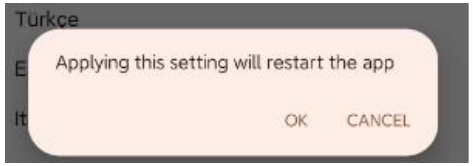
6.End Time: Configures the scheduled time for power-off.

7.Save Settings: Confirm settings.

6.Page Description of Auto Start/Stop Function：

The Auto Start/Stop function can only be configured through the panel settings. The APP solely supports powering the device on/off and viewing the current parameters. It does not allow for adjusting the start/stop temperatures.

7.Introduction to Language Selection Interface:



1.English

2.Chinese

3.Russian

4.German

5.French

6.Korean

7.Japanese

8.Turkish

9.Spanish

10.Italian

After selecting the desired language, press the OK button. The APP will automatically restart and display the selected language. At this point, you will need to reconnect Bluetooth.

Troubleshooting

Fault Code	Fault Reason	Troubleshooting
E-2	Power supply voltage range	Check voltage range (24V: 18-32V, 12V: 9-16V), inspect the battery or generator for normal operation, and check if the fuse is broken.
E-3	Ignition plug failure	1. Check for loose ignition plug connectors and/or possibly wire short-circuit with the housing.
		2. Check if the ignition plug is damaged.
E-4	Fuel pump failure	Inspect the fuel pump connection harness and connectors for damage, looseness, oxidation, short-circuits, or open circuits.
E-5	High-temperature alarm (Inlet > 50℃; Housing > 230℃)	1. Check if the heating airflow path is clear.
		2. Verify if the fan is operating correctly.
		3. Inspect if the temperature sensor is functioning properly.
E-6	Fan failure	1. Check if the impeller is jammed.
		2. nspect for any loose connection plugs.
		3. Ensure proper gap between the magnet on the fan wheel and the Hall sensor on the controller.
		4. Check for short-circuit or open circuit on the harness; check for motor leak electricity.
E-08	Stall	1. Check if any of the following circumstance is being found: low fuel, low-temperature solidification of fuel, fuel pipe blockage, or fuel pump jamming.
		2. Inspect if the intake and exhaust airflow paths are clear.
		3. Ensure sufficient contact between the housing temperature sensor and the housing.

Fault Code	Fault Reason	Troubleshooting	
E-8	Start failure	1. If the housing temperature is too high and the cooling operation fails to cool down the housing, wait excess of time until the machine is cooled down and try to power on again.	
		2. If there is excess amount of white smoke in the exhaust.	2.1) Check if the filter next to the ignition plug is clean, replace if dirty.
			2.2) Verify if the fuel injection from the fuel pump is working properly.
			2.3) Inspect if the ignition plug is damaged.
		3. If there is a small amount of white smoke or no smoke in the exhaust.	3.1) Check for fuel shortage, frozen or blocked of fuel pipe.
			3.2) Inspect if the fuel pump is stuck or damaged and unable to deliver fuel.
			3.3) Verify if the air intake and exhaust blockage.
			3.4) Check if the ignition plug is damaged.
			3.5) Check if the gap between the internal fan wheel is too large.
		4. If ignition is normal but the ignition failure fault persists.	4.1) Ensure sufficient contact between the housing temperature sensor and the housing.
E-9	Sensor failure	Check if the temperature sensor harness and connectors are damaged or loose.	

Note:

During the installation process or in your day-to-day usage, if you encounter any issues, please feel free to reach out to our customer service on the purchasing platform. We are here to assist you and will make every effort to resolve any problems you may have.

Maintenance

Poorly ventilated exhaust can be fatal. Follow all ventilation maintenance procedures carefully.

- Periodically inspect the electrical connections, if loose connection found, tighten them if necessary.
- Regularly check the fuel levels of the fuel tank to ensure there is enough diesel to keep the heater running. If fuel level is low, top up the tank with diesel, being careful to avoid overfilling.
- Clean the air filter regularly by removing it from the heater and tapping it gently against a hard surface to remove debris. Use a clean cloth or brush to remove smaller dirt or debris. Finally, reattach the air filter to the heater. It is recommended to clean the air filter every few months during normal use and more frequently in polluted areas or after heavy use.
- Check the fuel pipe and connections for any signs of leaks, such as fuel spots on the floor or a strong diesel odor. If there are leaks, tighten the connections to prevent further leakage. If you are unsure how to tighten, consult your vehicle's manual or seek assistance from a trained and licensed technician.
- Check the exhaust pipe regularly for blockages, clearing and cleaning the line if needed.
- If the heater has not been used for an extended period, it is important to perform a test run before actual using. This will ensure that the heater is functioning properly and that there are no leaks or other issues that could be harmful. To perform a test run, turn on the heater and let it run for a few minutes while observing the fuel and temperature, and exhaust pipe. If everything appears to be working correctly, the heater is ready for use. If you notice any issues, such as dirty or broken components, clean or replace them as needed. For significant issues, seek assistance from a trained and licensed technician.

Product Warranty

Product Warranty

Thank you for choosing our company's product. We adhere to the principle of emphasizing both quality and reputation, and we provide excellent after-sales service and technical support to our valued customers.

1. Our company provides a 12-month free warranty service for the main unit of the product from the date of receipt. (Excluding non-manufacturing defects)

2. Please note that damages resulting from improper use, expiration of the warranty period, or due to human factors or natural wear and tear are not covered by the free warranty. However, we understand that accidents happen, and we are here to assist you. If you encounter any issues with your product, please reach out to us, and we will provide guidance and support to resolve the problem.

3. For product warranty or replacement, please contact the customer service of the purchasing platform for further assistance.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment, This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.