

The logo features a stylized white 'M' followed by a white circle containing a stylized eye or drop shape, then the word 'ISWELL' in a bold, sans-serif font.

MOISWELL

Explorer DE70/DE90

BENUTZER-
HANDBUCH

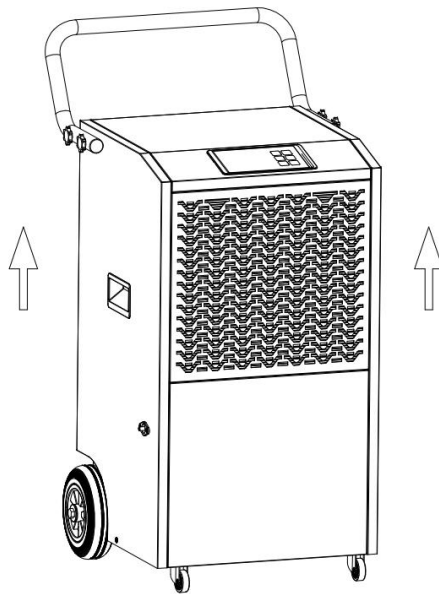
VOR DEM ERSTEN GEBRAUCH

WICHTIG

Vor der ersten Inbetriebnahme muss der Luftentfeuchter 24 Stunden aufrecht stehen bleiben.

Während des Transports könnte der Luftentfeuchter gekippt oder auf der Seite gelegen haben. Dadurch können sich interne Flüssigkeiten wie Kompressoröl verlagert haben. Das Aufrechtstehen ermöglicht, dass sich alles wieder setzt, und gewährleistet einen sofort einwandfreien Betrieb.

Dies ist eine normale Vorsichtsmaßnahme und kein Grund zur Besorgnis.



Bevor Sie Ihren neuen Luftentfeuchter verwenden, lesen Sie bitte diese Bedienungsanleitung sorgfältig durch. Sie enthält wichtige Sicherheitshinweise, Bedienungsanleitungen, Störungsbehebungs-Tipps, Wartungsrichtlinien und Garantieangaben, um eine lang anhaltende und zuverlässige Leistung zu gewährleisten.

Wir empfehlen Ihnen, Ihr Produkt unter <https://moiswell.de> zu registrieren, um Ihre 2-jährige Vollgarantie zu aktivieren. Die Registrierung kann zwar jederzeit erfolgen, wir raten jedoch zu einer frühzeitigen Registrierung, um bei Bedarf einen reibungsloseren Support zu ermöglichen.

Benutzerhandbücher in mehreren Sprachen sind verfügbar unter <https://moiswell.de/pages/user-manuals>.

Bei Fragen oder Anliegen können Sie uns jederzeit unter service@moiswell.com kontaktieren. Bitte geben Sie dabei Ihre Bestellnummer an, damit wir Ihnen schnellstmöglich helfen können.

Nochmals vielen Dank, dass Sie sich für Moiswell entschieden haben. Wir freuen uns darauf, Sie zu unterstützen.

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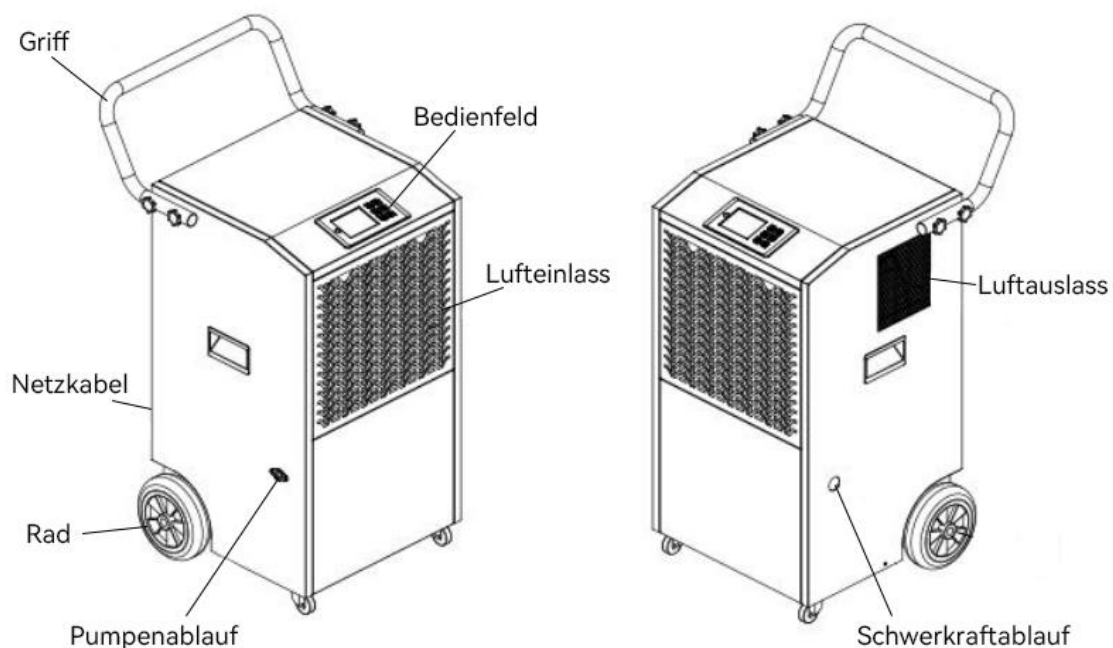
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SICHERHEITSHINWEISE

- Stellen Sie den Luftentfeuchter auf eine ebene, stabile Fläche, um Vibrationen und Geräusche zu minimieren.
- Betrieb in stehendem Wasser ist verboten. Halten Sie Motor und Elektrokabel stets trocken. Das Gerät darf niemals in Wasser oder andere Flüssigkeiten getaucht werden.
- Halten Sie das Gerät fern von Hitzequellen, brennbaren Materialien und Chemikalien.
- Überprüfen Sie das Netzkabel vor Gebrauch. Bei beschädigtem Kabel oder Stecker darf das Gerät nicht betrieben werden. Verändern Sie das Netzkabel nicht.
- Schließen Sie den Luftentfeuchter an eine ordnungsgemäß geerdete 230V~ 50Hz Steckdose mit mindestens 6A an. Verwenden Sie keine Verlängerungskabel.
- Schalten Sie das Gerät ausschließlich über das Bedienpanel ein/aus. Ziehen Sie nicht den Stecker zum Ausschalten.
- Vor Reinigung oder Lagerung immer ausschalten und den Stecker ziehen. Ziehen Sie immer am Stecker, nicht am Kabel.
- Dieses Gerät ist nur für Erwachsene bestimmt. Kinder sollten nicht damit spielen.
- Das Gerät ist nicht für Personen mit eingeschränkten körperlichen, sensorischen oder geistigen Fähigkeiten geeignet, es sei denn, sie werden von einer verantwortlichen Person beaufsichtigt.
- Kippen Sie das Gerät während des Betriebs nicht, um Wasseraustritt zu vermeiden.
- Führen Sie keine Finger oder Gegenstände in den Lufteinlass oder -auslass ein.
- Vermeiden Sie das Platzieren schwerer Gegenstände auf dem Luftentfeuchter.
- Bei ungewöhnlichen Geräuschen, Gerüchen oder Rauch sofort den Stromanschluss trennen.

TEILEÜBERSICHT



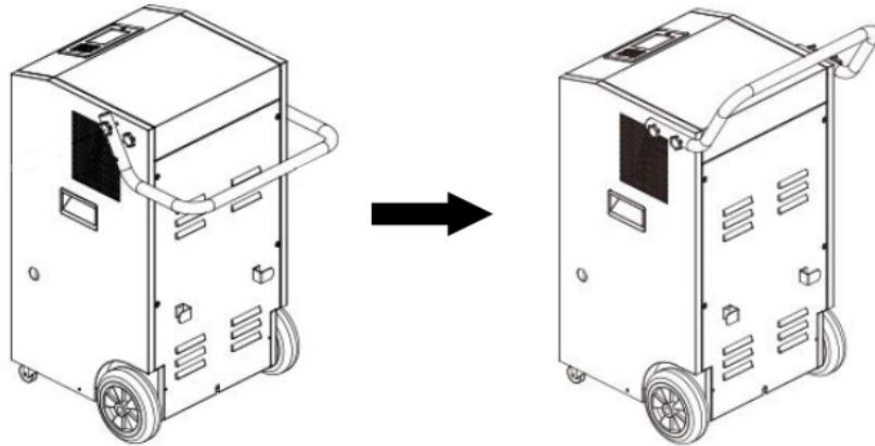
ACHTUNG: Verstopfen Sie niemals den Lufteinlass oder -auslass. Technische Daten entsprechen

dem Typenschild am Gerät.

INSTALLATIONSANLEITUNG

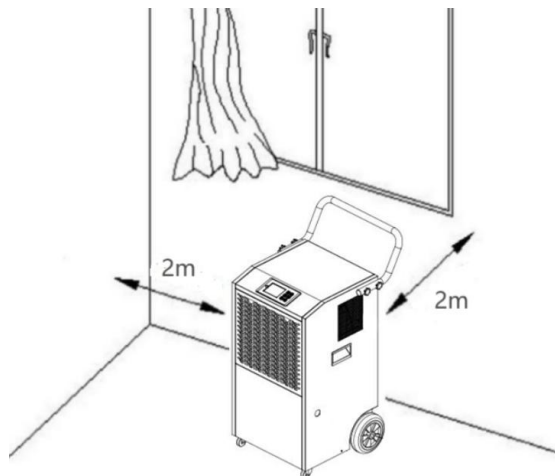
1. Griffmontage

- (1) Lösen Sie die beidseitig vorinstallierten Handschrauben am Griff und entfernen Sie diesen.
- (2) Drehen Sie den Griff nach oben, richten Sie die Löcher an der Gerätebefestigung aus und ziehen Sie die Schrauben fest an, bis der Griff stabil am Luftentfeuchter fixiert ist.



2. Positionierung des Luftentfeuchters

- Für beste Leistung stellen Sie den Luftentfeuchter in einem geschlossenen Raum auf (Türen und Fenster geschlossen halten) und positionieren ihn auf einer ebenen Fläche, um Vibrationen und Geräusche zu minimieren.
- Mindestabstand: Halten Sie zu umgebenden Objekten stets mindestens 2 Meter Distanz ein.



3. Entwässerungseinrichtung

- (1) Schließen Sie den Ablaufschlauch an den Pumpenausgang an.
- (2) Führen Sie das andere Schlauchende in ein Waschbecken, einen Abfluss, eine Sickergrube oder nach draußen – jede Stelle, an der Wasser sicher ablaufen kann.
- (3) Verlegen Sie den Schlauch ohne Knicke oder Stauchungen, die den Wasserfluss behindern könnten.

HINWEIS:

- Dieser Luftentfeuchter verfügt über eine integrierte Pumpe, die sich automatisch aktiviert, wenn der interne Wasserstand einen bestimmten Pegel erreicht.
- Die **Purge**-Taste ermöglicht die manuelle Aktivierung der Pumpe – besonders nützlich vor dem Transport oder der Lagerung des Geräts, um Verschüttungen oder Schimmelbildung zu vermeiden.
- Bei Verwendung eines Eimers oder Auffangbehälters zur Entwässerung: Überprüfen Sie diesen regelmäßig, um ein Überlaufen zu verhindern.
- Die Pumpe kann Wasser vertikal bis zu 5 Meter fördern. Eine Überschreitung dieser Distanz kann zu Rückstau und Leckagen führen.
- Vermeiden Sie zu lange Schläuche, da diese zu unvollständiger Entwässerung und Schimmelbildung führen können.
- Sollte die automatische Entwässerung fehlschlagen, wenden Sie sich bitte an unseren Kundenservice unter service@moiswell.com.

BEDIENUNGSANLEITUNG

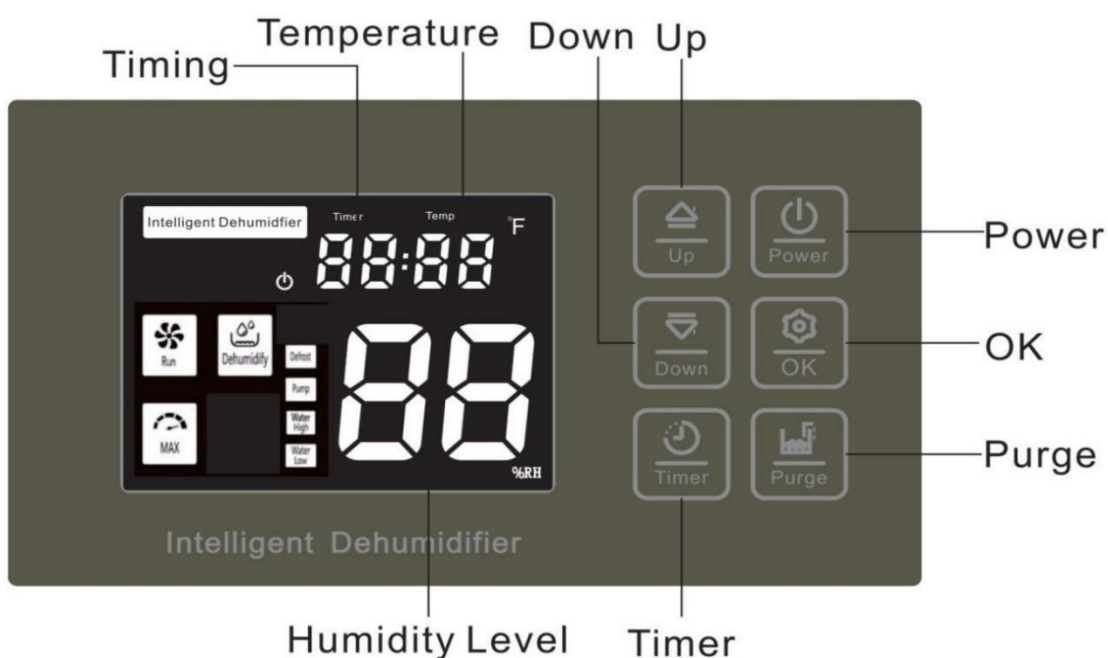
1. Luftentfeuchter einschalten

(1) Stecken Sie den Luftentfeuchter in eine ordnungsgemäß geerdete 230-Volt-Steckdose mit mindestens: 5 Ampere (EP70-Modell), 6 Ampere (EP90-Modell).

(2) Drücken Sie die Power-Taste zum Einschalten des Geräts..

HINWEIS: Wenn der Luftentfeuchter eingesteckt ist,  leuchtet das Symbol auf dem Bedienpanel auf.

2. Bedienpanel verstehen



Taste	Funktion
Power	Gerät ein-/ausschalten.
Up	Luftfeuchtigkeit/Timer erhöhen.
Down	Luftfeuchtigkeit/Timer verringern.
OK	Einstellungen speichern.
Timer	Automatische Ein-/Ausschaltzeiten programmieren (1-24h).
Purge	Erzwingt Wasserabfluss vor Transport.
Symbol	Bedeutung
	Leuchtet, wenn der Luftentfeuchter eingesteckt, aber nicht eingeschaltet ist..
	Leuchtet, wenn der Luftentfeuchter eingeschaltet ist; erlischt beim Ausschalten.
	Leuchtet, wenn der Kompressor läuft. Blinkt während der 3-minütigen Startverzögerung.
	Leuchtet, wenn der Lüfter läuft.
	Blinkt während des Abtauvorgangs.
	Leuchtet, wenn die Ziel-Luftfeuchtigkeit auf 10% eingestellt ist (Dauerbetrieb).
	Leuchtet bei normaler Pumpenfunktion. Blinkt bei aktiver Wasserförderung.
	Leuchtet während der automatischen Wasserentleerung.
	Leuchtet, wenn der Wasserstand niedrig ist und die Pumpenaktivierungsschwelle noch nicht erreicht wurde.

3. Einstellung der gewünschten Luftfeuchtigkeit

- (1) Überprüfen Sie die Luftfeuchtigkeitsanzeige auf dem Display, die den aktuellen Raumfeuchtwert anzeigt.
- (2) Stellen Sie die gewünschte Ziel-Luftfeuchtigkeit mit den Auf-/Ab-Tasten in 1%-Schritten zwischen 10% und 90% ein.
- (3) Nach der Einstellung schaltet sich der Luftentfeuchter automatisch ein/aus, um die Luftfeuchtigkeit innerhalb von $\pm 3\%$ des Sollwerts zu halten:
 - Das Gerät arbeitet, bis die Luftfeuchtigkeit 3% unter dem Sollwert liegt, und schaltet dann in den Standby-Modus – Kompressor und Lüfter stoppen, während die Anzeige zu blinken beginnt.
 - Bei Überschreitung des Sollwerts um 3% startet der Luftentfeuchter automatisch neu und arbeitet erneut, bis der Wert 3% unter der eingestellten Luftfeuchtigkeit liegt.

Hinweis 1: Die Ziel-Luftfeuchtigkeit muss mindestens 3% unter der aktuellen Raumfeuchte liegen. Andernfalls bleibt das Gerät im Standby (blinkende Anzeige), bis die Raumfeuchte 3% über dem Zielwert liegt.

Hinweis 2: Für Dauerbetrieb die Ziel-Luftfeuchtigkeit auf 10% einstellen, um den Kontinuierlichen Betriebsmodus zu aktivieren.

4. Einstellung des Ein-/Ausschalt-Timers

Der Timer ermöglicht das automatische Ein- oder Ausschalten des Luftentfeuchters mit Verzögerung (1–24 Stunden). Diese Funktion läuft einmalig ab und wiederholt sich nicht automatisch.

Timer-Einstellung:

- (1) Timer-Taste drücken, um den Timer-Modus zu aktivieren. Die Temperaturanzeige wechselt zu "00h".
- (2) Mit den Auf-/Ab-Tasten die gewünschte Verzögerungszeit (1–24 Stunden) einstellen.
- (3) Bestätigen Sie die Auswahl mit der OK-Taste.
- (4) Die Anzeige kehrt zur Temperaturanzeige zurück. Zum Anzeigen der verbleibenden Zeit erneut die Timer-Taste drücken..
- (5) Timer abbrechen, timer auf "00h" stellen oder, manuell ein-/ausschalten.

5. Luftentfeuchter ausschalten

Drücken Sie die **Power**-Taste, um den Luftentfeuchter auszuschalten. Im ausgeschalteten Zustand leuchtet das Stromversorgungssymbol  weiter, während das **Intelligent Dehumidifier** symbol erlischt.

SMART-FUNKTIONEN

1. Kompressor-Startverzögerung

Zum Schutz der internen Komponenten verfügt der Kompressor über eine 3-minütige Verzögerung nach jedem Arbeitszyklus oder Stromausfall. Bei sofortigem Neustart beginnt der Kompressorbetrieb erst nach Ablauf dieser Verzögerungszeit. Während dieser Phase blinkt das Entfeuchtungssymbol auf der Anzeige..

2. Automatische Abtauung

Bei Temperaturen unter 15°C kann sich Frost auf den Kühlrippen bilden. In diesem Fall unterbricht das Gerät automatisch den Kompressorbetrieb und betreibt nur den Lüfter zum Abtauen. Während dieses Vorgangs leuchtet das Abtau-Symbol. Nach vollständigem Abtauen wird der Normalbetrieb automatisch wiederaufgenommen.

3. Automatischer Neustart

Bei einem Stromausfall während des Betriebs startet der Luftentfeuchter nach Wiederherstellung der Stromversorgung automatisch mit den zuvor eingestellten Parametern (außer Timerfunktion) neu.

4. Temperaturschutz

Das Gerät schaltet den Kompressor ab und zeigt folgenden Schutzcode bei Extremtemperaturen an:

“-H”: Raumtemperatur über 38°C – Hochtemperaturschutz.

“-L”: Raumtemperatur unter 5°C – Niedrigtemperaturschutz.

Hinweis: Falls diese Codes unter Normalbedingungen auftreten, wenden Sie sich bitte an unseren

WARTUNG & REINIGUNG

WARNUNG: Schalten Sie den Luftentfeuchter immer aus und ziehen Sie den Netzstecker, bevor Sie Wartungsarbeiten durchführen.

1. Reinigung des Geräts

- Wischen Sie das Gehäuse des Luftentfeuchters mit einem weichen, feuchten Tuch ab.
- Tauchen Sie das Gerät nicht in Wasser ein und besprühen Sie das Bedienfeld nicht direkt mit Wasser.
- Verwenden Sie keine aggressiven Chemikalien (wie Benzol, Alkohol oder Benzin), da diese die Oberfläche beschädigen können.

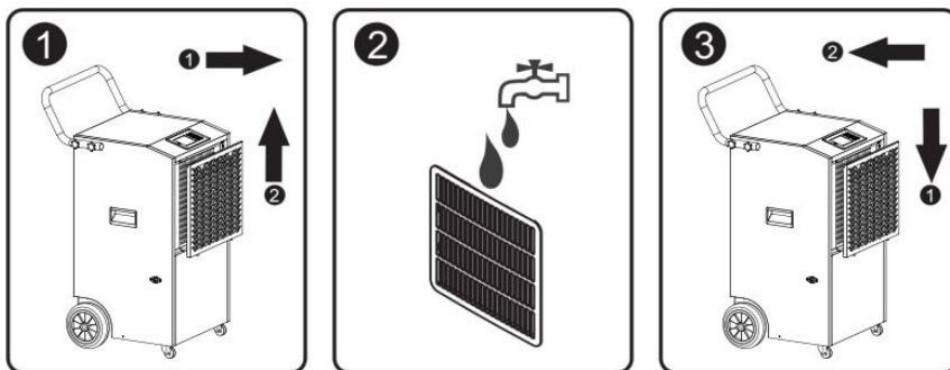
2. Reinigung des Luftfilters

Ein verschmutzter Filter mindert die Leistung. Reinigen Sie den Luftfilter alle zwei Wochen bzw. häufiger in staubigen Umgebungen.

Filterreinigung:

- Luftansauggitter abnehmen, um den Filter herauszunehmen.
- Filter mit einem Staubsauger (weicher Bürstenaufsatz) gründlich absaugen.
- Filter in lauwarmem Seifenwasser (<40°C) waschen, anschließend spülen und vollständig trocknen lassen..
- Filter vor Gebrauch wieder einsetzen.

Wichtig: Das Gerät niemals ohne Filter betreiben.



3. Lagerung des Luftentfeuchters

- Gerät ausschalten und 24 Stunden zum vollständigen Ablaufen stehen lassen.
- Purge-Taste drücken, um Restwasser aus dem internen Behälter zu entfernen.
- Gerät und Filter gründlich reinigen und trocknen..
- Netzkabel und Schlauch ordentlich aufwickeln.
- Gerät mit einer Plastikabdeckung vor Staub schützen.
- Luftentfeuchter aufrecht in einem trockenen, belüfteten Bereich lagern.

FEHLERBEHEBUNG

Die folgende Fehlerbehebungstabelle hilft bei der Lösung häufiger Probleme. Sollte das Problem nach Durchführung der genannten Maßnahmen weiterhin bestehen oder nicht in der Tabelle aufgeführt sein, wenden Sie sich bitte an den MOISWELL-Kundendienst unter service@moiswell.com für professionelle Unterstützung.

1. Fehlercodes

Fehlercode	Mögliche Ursache	Lösung
E1, E4	Feuchtigkeitssensor defekt	Sensor überprüfen, ggf. austauschen
E2	Abtausensor defekt	Sensor prüfen, Kontakte reinigen
E3	Pumpe fördert nicht	Kundendienst kontaktieren
E6	Bedienpanel- Verbindungsfehler	Überprüfen und sichern Sie die Bedienpanel- Verbindung; beheben Sie lose Kabelverbindungen
-H	Hohe Raumtemperatur	Der Luftentfeuchter nimmt den Betrieb automatisch wieder auf, sobald die Temperatur unter 40°C fällt.
-L	Niedrige Raumtemperatur	Der Luftentfeuchter startet automatisch neu, sobald die Raumtemperatur über 5°C steigt.

HINWEIS: Bei den Fehlercodes E1, E2 und E4 kann der Luftentfeuchter weiterhin normal arbeiten, ist jedoch nicht intelligent steuerbar. Das Gerät setzt den Betrieb automatisch fort, sobald der Fehler behoben wurde.

2. Häufige Probleme

Problem	Mögliche Ursache	Lösung
Luftentfeuchter funktioniert nicht	Kein Stromanschluss zum Gerät	An eine funktionierende Steckdose anschließen
	Gerät nicht eingeschaltet	Luftentfeuchter einschalten
	Fehlercode angezeigt	Kundendienst kontaktieren
Luftentfeuchter sammelt wenig Wasser	Unzureichende Betriebszeit	Längere Betriebszeit zulassen
	Filter verstopft	Filter reinigen
	Lufteinlass oder -auslass blockiert	Hindernisse entfernen
	Raumtemperatur zu niedrig	Raumtemperatur erhöhen
	Kondensatschlauch verstopft	Schlauch auf Verstopfungen prüfen und beseitigen
Gerät läuft, aber Raum bleibt feucht	Türen und Fenster geöffnet	Türen und Fenster schließen und abdichten
	Unzureichende Betriebszeit	Längere Betriebszeit zulassen
Ungewöhnliche Geräusche	Nicht auf ebener Fläche platziert	Luftentfeuchter auf eine waagerechte Fläche stellen
	Filter verstopft	Filter reinigen

HINWEIS: Es ist normal, dass der Luftentfeuchter erwärmte Luft ausbläst.

GARANTIE

Diese Garantie gilt ausschließlich für Produkte, die direkt bei MOISWELL oder autorisierten Händlern gekauft wurden und gemäß den beigefügten Anweisungen installiert, betrieben und gewartet wurden.

2 Jahre Vollgarantie (1 Jahr Standard + 1 Jahr nach Produktregistrierung)

MOISWELL gewährt dem Originalkäufer, dass dieses Produkt ab Kaufdatum 2 Jahre lang frei von Material- und Verarbeitungsfehlern ist. Während dieses Zeitraums wird MOISWELL nach eigenem Ermessen defekte Teile oder Geräte reparieren oder ersetzen. In seltenen Fällen, in denen Reparatur oder Austausch nicht möglich ist, kann als letztes Mittel eine Rückerstattung gewährt werden.

5 Jahre eingeschränkte Garantie für das Kühlsystem

Das Kühlsystem - einschließlich Kompressor, Kondensator und Verdampfer - ist ab Kaufdatum fünf Jahre lang gegen Material- und Verarbeitungsfehler garantiert. Arbeits- und Versandkosten sind nach den ersten zwei Jahren der Vollgarantie ausgeschlossen.

Ausschlüsse

Diese Garantie deckt nicht:

(1) Schäden, die verursacht wurden durch:

- Normale Abnutzung
- Missbrauch, unsachgemäße Behandlung, Unfälle oder Nichtbeachtung der Bedienungsanleitung.
- Kontakt mit Flüssigkeiten oder Fremdkörpern
- Nicht autorisierte Wartung oder Modifikationen

(2) Gebrauchtgeräte oder über Liquidationen erworbene Produkte.

(3) Produkte, die bei nicht autorisierten Händlern gekauft wurden.

Obwohl diese Bedingungen unsere Garantie definieren, ermutigen wir Kunden, sich mit allen Anliegen an uns zu wenden, unabhängig vom Garantiestatus. Wir sind bestrebt, bestmöglichen Support zu bieten..

Für Unterstützung wenden Sie sich bitte an den MOISWELL Kundenservice unter service@moiswell.com.

 **Live Chat:** www.moiswell.de

 **Email:** service@moiswell.com

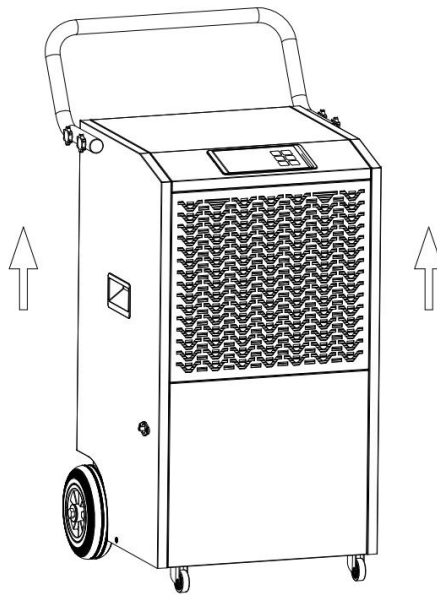
BEFORE FIRST USE

IMPORTANT

Before first use, allow the dehumidifier to stand upright for **24 hours.**

During transit, the dehumidifier may have been tilted or laid on its side, which can cause internal fluids like compressor oil to move around. Letting it stand upright gives everything time to settle, ensuring the dehumidifier works properly from the start.

This is a normal precaution and nothing to be concerned about.



Before using your new dehumidifier, please read this manual carefully. It contains important safety information, operating instructions, troubleshooting tips, maintenance guidelines, and warranty details to ensure long-lasting, reliable performance.

We encourage you to register your product at <https://moiswell.de> to ensure your 2-year full warranty is activated. While registration can be completed at any time, we recommend registering early to ensure smoother support in the future if needed.

User manuals in multiple languages are available at: <https://moiswell.de/pages/user-manuals>.

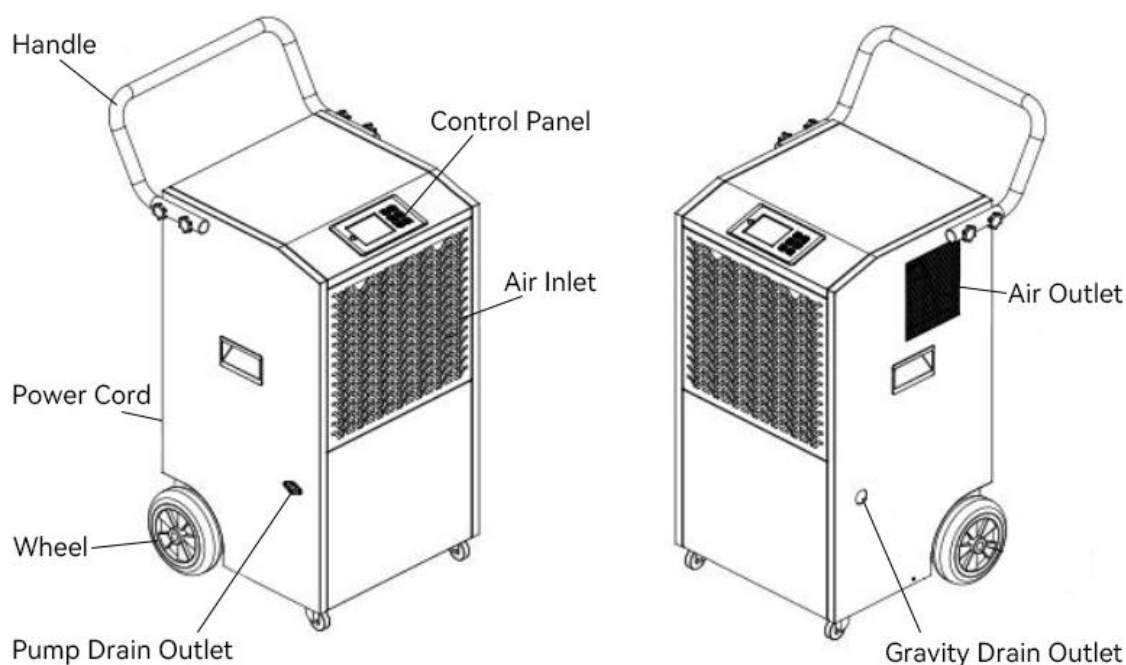
If you have any questions or concerns, please contact us anytime at service@moiswell.com. Include your purchase order ID to help us assist you promptly.

Thank you again for choosing Moiswell. We look forward to serving you.

SAFETY PRECAUTIONS

- Position the dehumidifier on a flat, stable surface to minimize vibration and noise.
- Do not operate in standing water. Ensure the motor and wiring stay dry. Never immerse the unit in water or other liquids.
- Keep the unit away from heat sources, flammable materials, and chemicals.
- Inspect the power cord before use. Do not operate with a damaged cord or plug. Do not modify the power cord.
- Ensure the dehumidifier is plugged into a properly grounded 230V~ 50Hz mains socket with a minimum 6-amp rating. Do not use an extension lead to power the dehumidifier.
- Always use the control panel to switch the unit on/off. Do not unplug to power off.
- Always turn off and unplug before cleaning or storing. Grasp the plug, not the cord, to disconnect.
- This unit is for adult use only. Ensure children do not play with the dehumidifier.
- This unit is not intended for use by individuals with reduced physical, sensory, or mental capabilities unless supervised by a responsible person.
- Do not tilt the unit while in operation to prevent water spillage.
- Do not insert fingers or other objects into the air inlet or outlet.
- Avoid placing heavy objects on the dehumidifier.
- If unusual noises, smells, or smoke occur, disconnect power immediately.

PARTS IDENTIFICATION

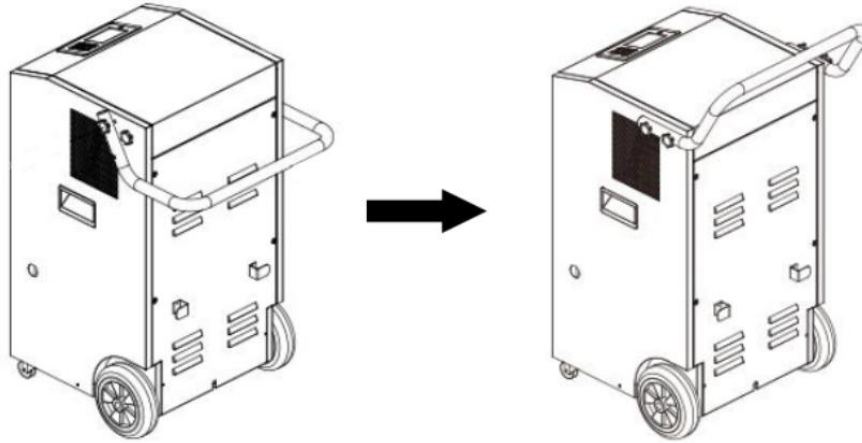


NOTE: DO NOT obstruct the air inlet or outlet. Technical specifications are subject to the specification label on the product.

INSTALLATION INSTRUACTION

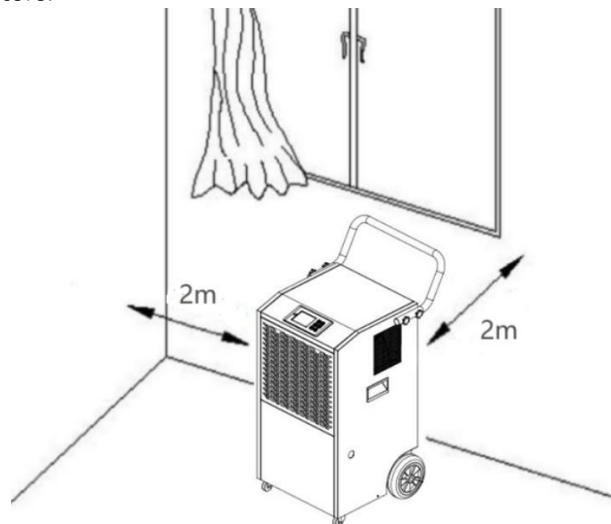
1. Install the Handle

- (1) Unscrew the pre-installed hand screws on both sides of the handle to remove the handle.
- (2) Turn the handle upward, align the holes with the machine, and tighten the screws securely until the handle is firmly attached to the dehumidifier.



2. Position Your Dehumidifier

- For best performance, place the dehumidifier in an enclosed space with doors and windows closed. Keep the unit on a level surface to reduce vibrations and noise.
- The minimum distance between the dehumidifier and surrounding objects when using the dehumidifier at least 2 meters.



3. Drainage Setup

- (1) Attach the drain hose to the pump outlet.
- (2) Place the other end of the hose in a sink, drain, sump pit, or out a window—anywhere water can drain safely.
- (3) Ensure the hose is free from kinks, bends, or obstructions that may block water flow.

NOTE:

- This dehumidifier includes a built-in pump that automatically activates when the internal water level

reaches a certain level.

- The **Purge** button allows you to manually activate the pump—useful before moving or storing the unit to prevent spills or mould.
- If using a bucket or container for drainage, check it regularly to avoid overflow.
- The pump can drain water vertically up to 5 meters. Exceeding this distance may cause water backup and leakage.
- Avoid using a hose that is too long, as it may lead to incomplete drainage and mould growth.
- If the unit fails to drain automatically, please contact service@moiswell.com for support.

OPERATION INSTRUCTION

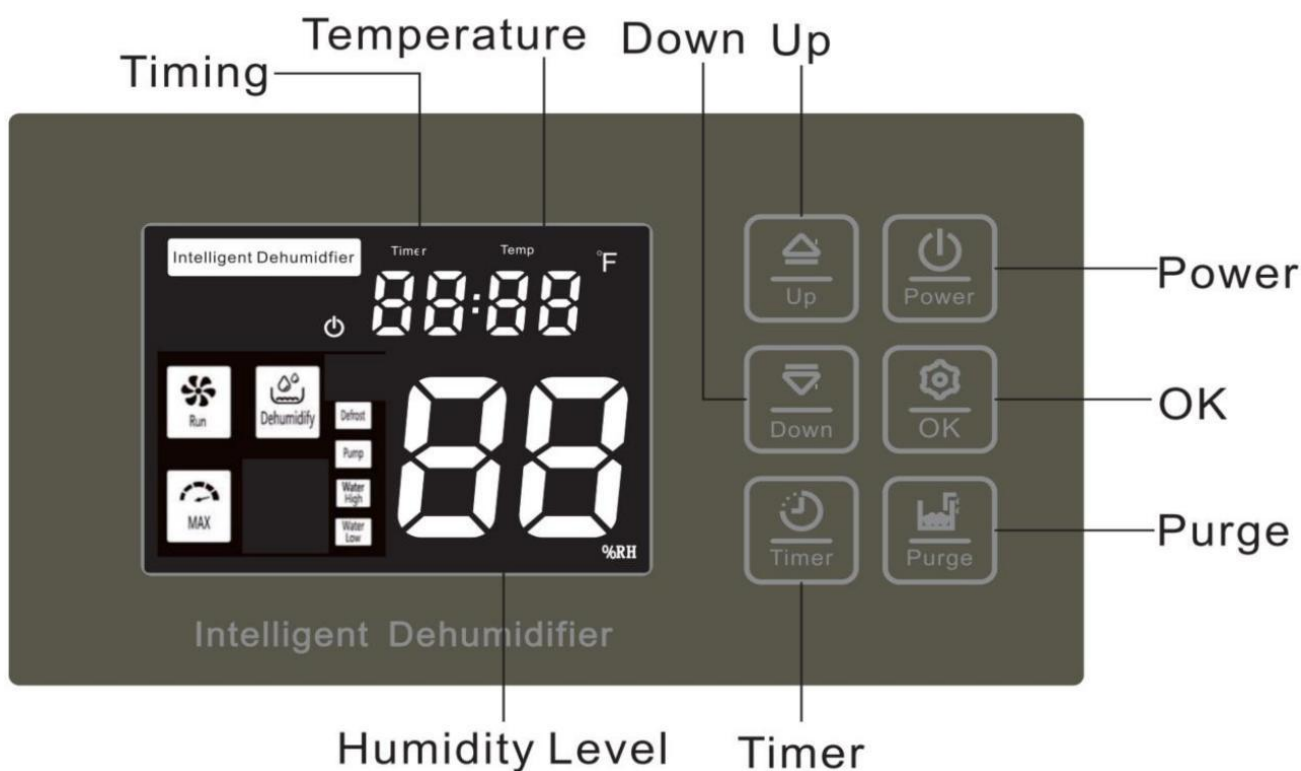
1. Turn the Dehumidifier On

(1) Plug the dehumidifier into a properly grounded 230 volt outlet rated for at least 5 amps (UK70) / 6 amps (UK90).

(2) Press the Power Button to turn the dehumidifier on.

NOTE: When the dehumidifier has been plugged in, the  icon on the control panel display will light up.

2. Understand the Control Panel



Button	Function
Power	Press once to turn the unit on/off.
Up	Press to increase humidity or timer settings.
Down	Press to decrease humidity or timer settings.
OK	Press to confirm your settings.
Timer	Press to set a delayed auto on/off timer or check timer remaining time.
Purge	Press to manually activate the pump to drain the collected water out.
Icons	Description
	Lights up when the dehumidifier is plugged in but not turned on.
	Lights up when the dehumidifier is turned on; off when it's turned off.
	Lights when the compressor is running. Blinks during the 3-minute start-up delay.
	Lights up when the fan is running.
	Flashes during defrosting process.
	Lights when the target humidity is set to 10%, indicating continuous operation.
	Lights when the pump is functioning normally. Flashes when the pump is actively draining water.
	Lights while the pump is automatically draining water.
	Lights when the water level is low and has not yet reached the threshold for pump activation.

3. Set the Desired Humidity

- (1) Check the humidity reading on the display, which shows the current room humidity level.
- (2) Use the Up and Down buttons to set your target humidity between 10% and 90% in 1% increments.
- (3) Once a target humidity is set, the dehumidifier will automatically cycle on and off to maintain humidity within $\pm 3\%$ of the set level:

- The unit will run until the humidity drops to 3% below the target, then enter standby mode — the compressor and fan stop, and the display begins blinking.
- When the humidity rises to 3% above the target, the dehumidifier will automatically restart and run until it again reaches 3% below the set level.

Note 1: The target humidity needs to be at least 3% lower than the current room humidity. If not, the unit will remain in standby mode with a blinking display until the room humidity rises 3% above the target.

Note 2: To run the unit continuously, set the target humidity to 10% to activate Continuous Mode.

4. Set an Auto On/Off Timer

The timer allows the dehumidifier to turn on or off after a delay (1–24 hours). This is a one-time function and does not repeat automatically.

To set the timer:

- (1) Press the Timer button to enter timer mode. The temperature reading will turn to display 00 hr.
- (2) Adjust the Up/Down buttons to select the desired delay time from 1 to 24 hrs.
- (3) Press the OK button to confirm your selection.
- (4) The display will revert to the temperature reading. To view the remaining time, press the Timer button again.
- (5) To cancel the timer, either set the timer to 00 or manually turn the dehumidifier on/off.

5. Turn the Dehumidifier off

Press the **Power** button to turn the dehumidifier off. When the dehumidifier is turned off, the  icon turns on, and the  icon turns off.

SMART FUNCTIONS

1. Compressor Delay Start

To protect internal components, the compressor includes a 3-minute delay after each cycle or power interruption. If the unit is restarted immediately, the compressor will resume operation after this delay. During the delay, the Dehumidify icon will flash on the display.

2. Auto Defrost

If the temperature drops below 15°C, frost may form on the coils. When this happens, the unit will automatically pause the compressor and run the fan to defrost. The Defrost icon will illuminate during this process. Once the frost has cleared, the unit will resume normal operation.

3. Auto Restart

If a power outage occurs while the dehumidifier is running, it will automatically restart with the previous settings (excluding the timer) once power is restored.

4. Temperature Protection

The unit will shut down the compressor and display a protection code under extreme temperatures:

“-H”: Room temperature exceeds 38°C – High Temperature Protection.

“-L”: Room temperature falls below 5°C – Low Temperature Protection.

Note: If these codes appear during normal conditions, please contact customer support at service@moiswell.com

CARE & MAINTENANCE

WARNING: Always turn off and unplug the dehumidifier before performing any maintenance.

1. Clean the Unit

- Wipe the dehumidifier housing with a soft, damp cloth.
- Do not immerse the unit or spray water directly onto the control panel.
- Avoid using harsh chemicals (e.g. benzene, alcohol, gasoline), which may damage the surface.

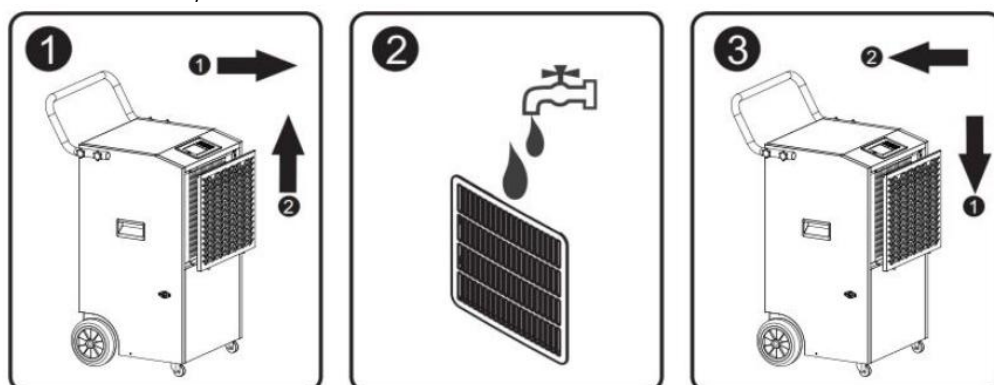
2. Clean the Air Filter

A dirty filter reduces performance. Clean the air filter every two weeks, or more often in dusty environments.

To clean the filter:

- Detach the air inlet grill to take the filter out.
- Use a vacuum with a soft brush to remove dust on the filter.
- Wash the filter in lukewarm, soapy water (below 40°C), then rinse and dry thoroughly.
- Reinstall the filter before use.

Note: Do not operate the unit without a filter.



3. Store the Dehumidifier

- Turn off the unit and allow 24 hours for complete drainage.
- Press the Purge button to empty residual water from the internal tray.
- Clean and dry the unit and filter thoroughly.
- Coil the power cord and hose neatly.
- Cover the unit with a plastic bag to prevent dust buildup.
- Store the dehumidifier upright in a dry, well-ventilated area.

TROUBLE SHOOTING GUIDE

The below chart will help you solve common problems that may occur. If the problem you come across can not be fixed after troubleshooting or the problem is not listed in the below troubleshooting chart, please contact **MOISWELL** customer service to obtain professional support at service@moiswell.com.

1. Error Codes

Error Codes	Possible Cause	Solution
E1, E4	Humidity sensor failure	Replace the temperature and humidity sensor
E2	Defrost sensor failure	Replace the defrost temperature sensor
E3	Pump not drain automatically	Contact customer service
E6	Display panel connection abnormality	Check and secure the control panel connection; fix any loose wiring
-H	High Room temperature	The dehumidifier will resume operation automatically when the temperature drops lower than 40°C
-L	Low room temperature	The dehumidifier will resume operation automatically when the room temperature rises higher than 5°C

NOTE: When E1, E2 and E4 fault alarm, the dehumidifier can operate normally, but it cannot be controlled intelligently. The dehumidifier will automatically resume to operate after the fault is eliminated.

2. Common Issues

Issues	Possible Cause	Solution
Dehumidifier does not operate	No power to the unit	Plug into a working outlet
	Unit not turned on	Turn the dehumidifier on
	Error code displayed	Contact customer service
Dehumidifier collects little water	Insufficient operating time	Allow more operating time
	Filter is blocked	Clean the filter
	Air inlet or outlet blocked	Remove any obstructions
	Room temperature is low	Increase room temperature
	Condensate hose is blocked	Check and clear any hose restrictions
Operating but room not dry	Doors and windows open	Close and seal doors and windows
	Insufficient operating time	Allow more operating time
Abnormal noise	Not placed on a flat surface	Place dehumidifier on a level surface
	Filter is blocked	Clean the filter

NOTE: It is normal that the dehumidifier pulls warm air out.

WARRANTY

This warranty applies only to products purchased from MOISWELL or its authorized dealers and must be installed, operated, and maintained according to the provided instructions.

2 Years Full Warranty (1 year standard + 1 year with product registration)

MOISWELL warrants to the original purchaser that this product is free from defects in materials and workmanship for 2 years from the date of purchase. During this period, MOISWELL will, at its discretion, repair or replace any defective parts or units. In rare cases where repair or replacement is not feasible, a refund may be issued as a last resort.

5-Year Limited Warranty on Refrigeration System

The refrigeration system — including compressor, condenser, and evaporator — is warranted against defects in materials or workmanship for five years from the purchase date. Labor and shipping costs are excluded after the initial two-year full warranty period.

Exclusions

This warranty does not cover:

(1) Damage resulting from:

- Normal wear and tear
- Misuse, abuse, accidents, or failure to follow the operating instructions
- Exposure to liquids or foreign particles
- Unauthorized servicing or modifications

(2) Second-hand products or products purchased through liquidation sales.

(3) Products purchased from unauthorized dealers.

While these terms define our warranty, we encourage customers to contact us with any concerns, regardless of warranty status. We are committed to delivering the best possible support.

For assistance, please contact MOISWELL customer service at service@moiswell.com.

 **Live Chat:** www.moiswell.de

 **Email:** service@moiswell.com

WARNING FOR USING R290 REFRIGERANT

Transportation, marking and storage for units that employ flammable refrigerants

1. Transport of equipment containing flammable refrigerants

Attention is drawn to the fact that additional transportation regulations may exist with respect to equipment containing flammable gas. The maximum number of pieces of equipment or the configuration of the equipment, permitted to be transported together will be determined by the applicable transport regulations.

Compliance with the transport regulations.

2. Marking of equipment using signs

Signs for similar appliances used in a work area generally are addressed by local regulations and give the minimum requirements for the provision of safety and/or health signs for a work location.

All required signs are to be maintained and employers should ensure that employees receive suitable and sufficient instruction and training on the meaning of appropriate safety signs and the actions that need to be taken in connection with these signs.

The effectiveness of signs should not be diminished by too many signs being placed together. Any pictograms used should be as simple as possible and contain only essential details.

Compliance with local regulations.

3. Disposal of equipment using flammable refrigerants

See National Regulations.

Compliance with national regulations.

4. Storage of equipment/appliances

The storage of equipment should be in accordance with the manufacturer's instructions.

5. Storage of packed (unsold) equipment

Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge.

The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

Service operations

1. General

For appliances using flammable refrigerants, an installation, service and operation manual, in the form of either separate or combined manuals, shall be provided and shall include the following information.

2. Symbols

WARNING

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater.)

Do not pierce or burn.

Be aware that refrigerants may not contain an odour.

Appliance shall be installed, operated and stored in a room with a floor area larger than 15m².



"Caution risk of fire"

Appliance filled with flammable gas as R290.



Before use the appliance, read the owner's manual first.



Before install the appliance, read the installation manual first.



Before repair the appliance, read the service manual first.

3. Information in manual

1) The following information shall be specified in the manual where the information is needed for the function of the manual and as applicable to the appliance:

- that compliance with national gas regulations shall be observed.
- The maximum refrigerant charge is DE70/DE90 for 0.25 kg.
- The minimum usable area of the appliance DE70/DE90 is 15m².
- a warning to keep ventilation openings clear of obstruction;
- a notice that servicing shall be performed only as recommended by the manufacturer.

2) The manual shall include a statement advising that an unventilated area where the appliance using flammable refrigerants is installed shall be so constructed that should any refrigerant leak, it will not stagnate so as to create a fire or explosion hazard. This shall include:

- a warning that the appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation;
- a warning that the appliance shall be stored in a room without continuously operating open flames (for example an operating gas appliance) and ignition sources (for example an Operating electric heater). The appliance shall be stored so as to prevent mechanical damage from occurring.

3) The manual shall contain specific information about the credentials of qualified service personnel as follows

- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorises their competence to handle refrigerants safely in accordance with an industry recognised assessment specification.

- Servicing shall be performed only as recommended by the manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.

4. Information on servicing

The manual shall contain specific information for service personnel who shall be instructed to undertake the following when servicing an appliance that employs a flammable refrigerant.

1) Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

2) Work procedure

Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

3) General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

4) Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

5) Presence of fire extinguisher

If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO fire extinguisher adjacent to the charging area.

6) No ignition sources

No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.

7) Ventilated area

Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

8) Checks to the refrigeration equipment

Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance.

The following checks shall be applied to installations using flammable refrigerants:

- The charge size is in accordance with the room size within which the refrigerant containing parts are installed;
- The ventilation machinery and outlets are operating adequately and are not obstructed;
- If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant;

--Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected;

--Refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

9) Checks to electrical devices

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised. Initial safety checks shall include:

- That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
- That there no live electrical components and wiring are exposed while charging, recovering or purging the system;
- That there is continuity of earth bonding.

5. Repairs to sealed components

1) During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.

2) Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected.

This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc. Ensure that apparatus is mounted securely.

Ensure that apparatus is mounted securely. Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

NOTE: The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

6. Repair to intrinsically safe components

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use.

Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating. Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

7. Cabling

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

8. Detection of flammable refrigerants

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

9. Leak detection methods

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants.

Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed.

Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work. If a leak is suspected, all naked flames shall be removed extinguished.

If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

10. Removal and evacuation

When breaking into the refrigerant circuit to make repairs – or for any other purpose– conventional procedures shall be used. However, it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to:

- Remove refrigerant;
- Purge the circuit with inert gas;
- Evacuate;
- Purge again with inert gas;
- Open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be “flushed” with OFN to render the unit safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task.

Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. This operation is absolutely vital if brazing operations on the pipe-work are to take place.

Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

11. Charging procedures

In addition to conventional charging procedures, the following requirements shall be followed.

- Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.
- Cylinders shall be kept upright.
- Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.
- Label the system when charging is complete (if not already).
- Extreme care shall be taken not to overfill the refrigeration system.

Prior to recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

12. Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

- a) Become familiar with the equipment and its operation.
- b) Isolate system electrically.
- c) Before attempting the procedure ensure that:
 - Mechanical handling equipment is available, if required, for handling refrigerant cylinders;
 - All personal protective equipment is available and being used correctly;
 - The recovery process is supervised at all times by a competent person;
 - Recovery equipment and cylinders conform to the appropriate standards.
- d) Pump down refrigerant system, if possible.
- e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- f) Make sure that cylinder is situated on the scales before recovery takes place.
- g) Start the recovery machine and operate in accordance with manufacturer's instructions.
- h) Do not overfill cylinders. (No more than 80 % volume liquid charge).
- h) Do not exceed the maximum working pressure of the cylinder, even temporarily.
- i) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
- j) Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

13. Labelling

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The

label shall be dated and signed. Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

14. Recovery

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant).

Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.

The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.

If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.

Notes

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- That the appliance shall be installed in accordance with national wiring regulations.
- The applicable operating temperature range for this unit is 5°C-35°C, RH10%-90%.



Dehumidify like a Pro with Moiswell