Compost-Flow®

NO APP NEEDED

— OWNER'S GUIDE

Composting, without the guesswork.

Everything you need to assemble, use and look after your Compost-Flow® composter and Compo-Sense probe.



01
Assemble

02
Use the probe

03
Compost well

WELCOME

Your composter, tray by tray

From kitchen scraps to finished compost, tray by tray. This booklet covers everything you need, no app required.

How to use this booklet

- → Read the probe's screen and check it against the chart on page 6.
- → Tick the checklists each time you start or turn a tray.
- → Write readings and turns in the logs at the back.

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PART 1 · ASSEMBLY

Assemble the unit

Follow these steps in order. Steps 3–10 are on the next page.



1 Unpack and check the parts

- ☐ Main body with door
- ☐ Base with water tray
- ☐ Drawer
- ☐ Compost trays (3–4)
- ☐ Slide-in turning panel
- ☐ Lid
- ☐ Compo-Sense probe and RFID tray tags

2 Choose your spot

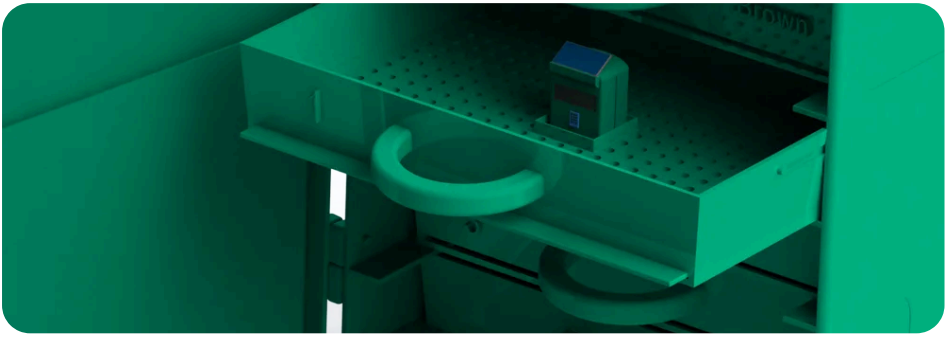
- Firm, level ground
- Sheltered, in part shade, out of full midday sun
- Easy to reach from the kitchen

Put it together

3. Set the base down and fill the water tray. The weight keeps the unit stable.
4. Slide the drawer into the bottom of the main body.
5. Open the door. Slide each tray in along the side rails until it meets the bump stops.
6. Check that the sieve holes line up between the trays.
7. Stick an RFID tag on the front of each tray. Number them Tray 1, Tray 2, Tray 3 so they match what the probe screen shows.
8. Keep the slide-in turning panel somewhere handy. You'll use it each week to turn the compost.
9. Close the door and fit the lid.
10. Add a 5 cm starter layer of browns (shredded cardboard or dry leaves) to the first tray.

TIP If a tray won't slide in, lift it slightly and reinsert it along the guides. Don't force it.

Using the Compo-Sense probe



1. Switch the probe on. Its screen shows “Awaiting tray detection…”.
2. Insert the probe through the probe slot into the tray, so it sits flush and angled upward.
3. Tap the probe on that tray’s RFID tag.
4. For a few seconds the screen shows the temperature, humidity and tray:

   ```
   Temp: 48.50 C
   Hum: 57.00 %
   Tray: Tray 1
   ```

   Check them against the chart on page 6, then write them in the reading log on page 17.
5. Move the probe to the next tray every 3–5 days.

Reading your probe

Compare each reading with these charts. The light tells you what to do next.

- **Green** Optimal
- **Orange** Attention needed
- **Red** Immediate action required

1. Temperature

< 30°C	Early stage (Mesophilic)
45–60°C	Optimal (Thermophilic)
> 65°C	Too hot → Add dry brown materials + turn

2. Humidity

< 35%	Too dry → Lightly water & mix
40–60%	Ideal → No action needed
> 70%	Too wet → Add shredded paper or dry leaves

3. Turning reminder

Turn each tray every 5–7 days. Write each turn in the turning log on page 19 so you know when the next one is due.

Fixing a red reading

Find the problem, try the fixes in order, then take a new reading the next day.

Too hot

> 65°C

1. Turn the tray now to release heat.
2. Mix in dry browns.
3. Stop adding greens for a few days.

Too dry

< 35%

1. Sprinkle in water a little at a time while turning.
2. Add wet greens such as fruit and veg scraps.
3. Keep the lid closed.

Too wet

> 70%

1. Mix in dry browns: shredded paper, cardboard or dry leaves.
2. Turn the tray to let air in.
3. Check the sieve holes aren't clogged.

Too cool

< 30°C

1. Add more greens: veg scraps, grass, coffee grounds.
2. Check moisture. Dampen it if it feels dusty.
3. Insulate better and turn the tray.

NOTE Below 30°C is normal in the early stage. Only act if the tray stays cool and nothing is breaking down.

Still red after a fix? See Troubleshooting and Emergency fixes on page 14.

Compost guide

Before you start composting, get familiar with the core ideas and rules of composting.

STEP 1

Understanding the Basics

1. Composting Stages



Mesophilic – Start phase	3 days
Thermophilic – Breakdown	60 days
Curing – Stabilisation	28 days
Maturation – Final phase	30 days

2. What to Compost

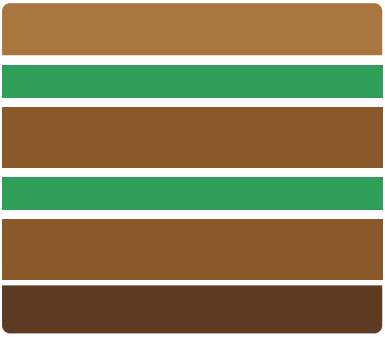
- **Greens:** Veg scraps, grass, coffee grounds
- **Browns:** Shredded paper, leaves, cardboard
- **Avoid:** Meat, dairy, plastic, diseased plants

Aim for 2 browns to 1 green. The layering guide on the next page shows how.

STEP 2

Visual Layering Guide

Follow this simple method to get great results:



1. Good Layering

- ✓ Alternate green and brown materials
- ✓ Ratio: 2 browns : 1 green
- ✓ Chop materials into small pieces
- ✓ Top with a brown layer to reduce smell and pests

2. Poor Layering

- ✗ Thick layers of one material
- ✗ Plastics or non-organic items
- ✗ No airflow or turning

3. Never Add

- ⊘ Diseased plants
- ⊘ Plastic tea bags
- ⊘ Cooked food or meat
- ⊘ Bioplastics

STEP 3

Use the Probe to Stay on Track

Place the probe in a tray and check:

TEMPERATURE	HUMIDITY	TURN EVERY
45–60°C	40–60%	5–7 days

Use the logs at the back of this booklet to keep track of:

- Turning reminders
- When to move the probe to the next tray
- Tray warnings (e.g., too dry, too hot)

STEP 4

Composting Tips by Season

1. Summer

- Heats up fast
- Turn more often
- Water lightly if too dry

2. Winter

- Decomposition slows
- Add less green waste
- Keep closed to retain heat

3. Dry or Wet Fixes

- Too dry = add greens or spray water
- Too wet = mix in shredded paper or browns

STEP 5

Avoid These Common Mistakes

1. Don't

- ✕ Overload trays with wet waste
- ✕ Leave the probe in one tray for weeks
- ✕ Ignore strong smells
- ✕ Skip turning

2. Do

- ✓ Stick to 2:1 brown:green
- ✓ Move the probe every 3–5 days
- ✓ Use the readings chart and the logs in this booklet
- ✓ Slide in the tray panel when turning

Use the troubleshooting guide on page 14 if things smell off or stop progressing. →

Compost Checklist Companion

Your go-to for troubleshooting problems with your Compost-Flow® composter.

STEP 1

Run This Pre-Cycle Checklist

Before starting or turning compost, confirm these basics. Use a new column each time.

CHECK	1	2	3	4	5	6
Layer Check: Is green-to-brown ratio balanced? (2:1 recommended)	☐	☐	☐	☐	☐	☐
Moisture Check: Feels like a wrung sponge — not soaked, not dry	☐	☐	☐	☐	☐	☐
Tray Order: Trays stacked correctly, sieve holes aligned	☐	☐	☐	☐	☐	☐
Weight & Stability: Water tray filled for stability	☐	☐	☐	☐	☐	☐
Probe Ready: Inserted correctly in current tray	☐	☐	☐	☐	☐	☐

STEP 2

Review Reminders & Key Actions

- **Last Turned:** check your turning log (page 19), e.g. “Turned Tray 2, 3 days ago”
- **Next Probe Switch:** move the probe to the next tray every 3–5 days
- **Optional:** take a photo for journal tracking

STEP 3

Perform Maintenance Checks

Regularly check for:

01
Clogged sieve holes
Remove tray and rinse with water if flow is blocked

02
Misaligned trays
Realign using side rails and bump stops

03
Probe seated correctly
Check that it sits flush and angled upward

04
Water tray full
Refill if it has dried out

STEP 4

Troubleshooting

PROBLEM	CHECK → FIX
Compost smells bad	Is it too wet? → Add shredded paper or dry leaves
Not filtering between trays	Are sieve holes clogged? → Remove tray & rinse clean
Tray stuck	Is it aligned on side rails? → Lift slightly, reinsert along guides
Probe not reading	Is it inserted fully into the tray? → Reset the probe and tap the tag again
Nothing breaking down	Is the temp too low (<30°C)? → Add more greens and insulate better
Sudden rot smell	Has it been turned recently? → Mix in browns, turn compost, cover top

STEP 5

Emergency Fixes

Rot Smell + Leaks? → Add carbon-rich browns (shredded card, dry leaves) + turn thoroughly

No Decomposition? → Check temperature. If cold, add greens, insulate, and turn.

PART 5 · CARE

Cleaning and maintenance

Keep your composter efficient, safe, and long-lasting.

01 · EVERY WEEK

Weekly Tasks

☐ Check tray filters for clogs

☐ Turn the compost with slide-in panel

02 · EVERY MONTH

Monthly Tasks

☐ Remove and rinse trays if build-up occurs

☐ Clean around probe slot

03 · DEEP CLEAN

Jetwash Access

- Open the door and safely remove the trays
- Ensure the probe is out of reach of water
- Let dry fully before reassembly

04 · OUT OF SEASON

Off-Season Storage

- Empty trays
- Rinse and dry fully
- Store in a sheltered spot



Protect the probe. Remove it before rinsing or jetwashing, and keep it out of reach of water.

Sustainability and impact

The real-world value of your composting habits.

1. WASTE IMPACT

~15–30 kg

Every tray cycle can recycle ~15–30 kg of organic waste. It also reduces methane by diverting waste from landfill.

2. Environmental Benefit

- Finished compost enriches soil, reducing need for synthetic fertiliser
- Promotes water retention in garden beds

3. Product Lifecycle

- Main body: 100% recyclable HDPE
- Designed for 10+ years of outdoor use
- At end-of-life: return to collection point or check local recycling centres

4. Disposal Tips

- Separate trays and drawer
- Remove electronic probe and batteries

“Need help with layering?”

See the Compost Guide on page 9.

Reading log

Write down each probe reading, then circle the light from the chart on page 6.

DATE	TRAY	°C	HUM %	LIGHT	ACTION TAKEN
				○ ○ ○	
				○ ○ ○	
				○ ○ ○	
				○ ○ ○	
				○ ○ ○	
				○ ○ ○	
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				○ ○ ○	
				○ ○ ○	
				○ ○ ○	
				○ ○ ○	

Reading log continued

DATE	TRAY	°C	HUM %	LIGHT	ACTION TAKEN
				○ ○ ○	
				○ ○ ○	
				○ ○ ○	
				○ ○ ○	
				○ ○ ○	
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				○ ○ ○	

Turning log

Turn each tray every 5–7 days. Write the date of the next turn so you know when it's due.

TURNED	TRAY	NEXT DUE	PHOTO	NOTES
			☐	
			☐	
			☐	
			☐	
			☐	
			☐	
			☐	
			☐	
			☐	
			☐	

Notes

THREE PARTS, ONE CONNECTED SYSTEM



Sieve-tray unit



Compo-Sense probe

CF-Connect app OPTIONAL

The app adds live readings, timers and alerts on your phone. Everything you need to compost well is already in this booklet.

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From kitchen scraps to finished compost, tray by tray.