Panasonic®

คู่มือการใช้งาน & การติดตั้ง

เครื่องซักผ้าอัตโนมัติ (สำหรับใช้ภายในบ้าน)

รุ่น NA-FD135Z3



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ขอขอบคุณที่ท่านเลือกใช้ผลิตภัณฑ์นี้

- โปรดอ่านคู่มือการใช้งานและการติดตั้งโดยละเอียดก่อนการใช้งาน เพื่อประสิทธิภาพและความปลอดภัยสูงสุด
- โปรดเก็บคู่มือเล่มนี้ไว้อ้างอิงในอนาคต

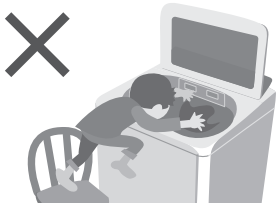
AWW9901CD1C0-0C0
A0823-0(T)
พิมพ์ในประเทศเวียดนาม
08-2023

ข้อควรระวังเพื่อความปลอดภัย

⚠ ข้อควรระวัง

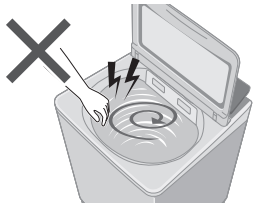
อาจทำให้เกิดการบาดเจ็บสาหัสหรือถึงแก่ชีวิตได้

อย่าปล่อยให้เด็กใช้งานเครื่องโดยลำพัง

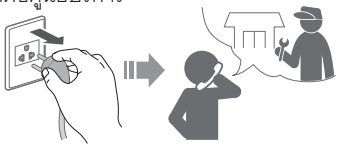


- เครื่องใช้ไฟฟ้านี้ไม่ได้มีจุดประสงค์เพื่อใช้โดยบุคคล (รวมถึงเด็ก) ที่ด้อยความสามารถทางกายภาพ ทางประสาทสัมผัส หรือทางจิตใจ หรือขาดประสบการณ์และความรู้ เว้นแต่ว่าได้รับการควบคุมดูแล หรือการสอนเกี่ยวกับการใช้เครื่องใช้ไฟฟ้าโดยบุคคลผู้รับผิดชอบต่อความปลอดภัยของบุคคลเหล่านั้น
- เด็กควรได้รับการดูแลเพื่อให้แน่ใจว่าจะไม่เล่นเครื่องใช้ไฟฟ้า

ห้ามสัมผัสถังซักจนกว่าถังจะหยุดหมุนสนิทแล้ว



- หากถังซักผ้าไม่หยุดหมุนภายใน 15 วินาที ให้หยุดการทำงานของเครื่องและติดต่อศูนย์บริการ

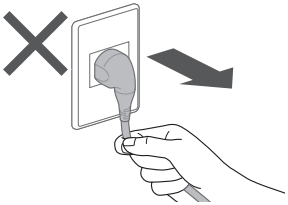


อาจทำให้เกิดไฟไหม้หรือไฟช็อต

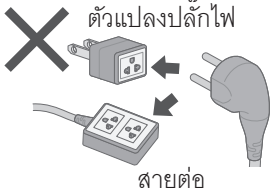
ห้ามจับขณะมือเปียก



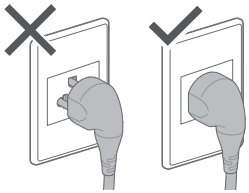
ห้ามจับหรือดึงสายไฟ



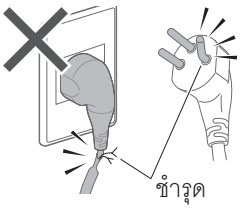
ห้ามใช้



เสียบปลั๊กให้แน่น

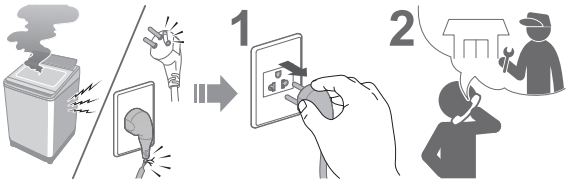


ห้ามใช้

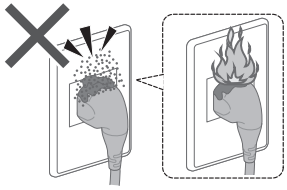


- **หากสายไฟชำรุด ต้องให้ผู้ผลิตหรือตัวแทนฝ่ายบริการ หรือบุคคลที่มีคุณสมบัติคล้ายกันเป็นผู้เปลี่ยน เพื่อหลีกเลี่ยงอันตราย**

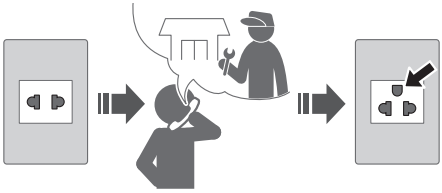
ในกรณีที่เกิดความขัดข้องหรือสายไฟชำรุด ให้หยุดใช้งานและติดต่อช่างไฟฟ้า



ฝุ่นที่สะสมอาจทำให้เกิดเพลิงไหม้



ในการติดตั้งแท่งสายดินอย่างปลอดภัย ควรติดต่อช่างไฟฟ้าเพื่อติดตั้งเต้ารับใหม่

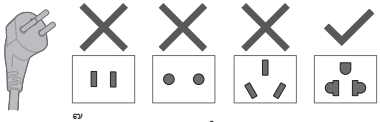


เช็ดปลั๊กไฟด้วยผ้าแห้งเป็นประจำ



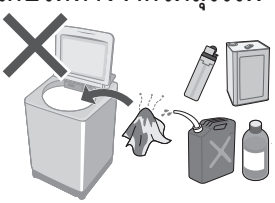
ใช้เต้ารับที่เหมาะสมกับเครื่องนี้

(ตัวอย่าง)



- รูปร่างของปลั๊ก รูปร่างของเต้ารับ และอัตราการใช้ไฟฟ้าจะแตกต่างกันไปตามภูมิภาค

เก็บให้ห่างจากวัตถุไวไฟ



อาจทำให้เกิดความเสียหาย

ห้ามถอดแยก ซ่อมแซม หรือดัดแปลงเครื่องซักผ้านี้ด้วยตนเองโดยเด็ดขาด



เมื่อใช้งานแอป “Panasonic SmartApp+”

(สาเหตุของการทำงานผิดปกติเนื่องจากคลื่นวิทยุจากตัวเครื่อง)

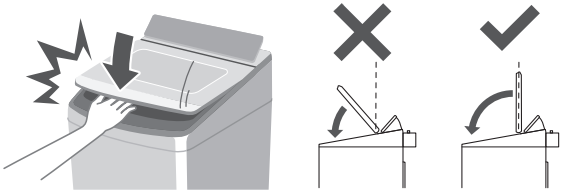
- รักษาระยะห่างจากส่วนยื่นของเครื่องกระตุ้นหัวใจอย่างน้อย 15 ซม.
- เก็บให้ห่างจากอุปกรณ์ทางการแพทย์และอุปกรณ์ควบคุมอัตโนมัติ (ประตูอัตโนมัติ สัญญาณเตือนไฟไหม้ ฯลฯ)

ข้อควรระวังเพื่อความปลอดภัย (ต่อ)

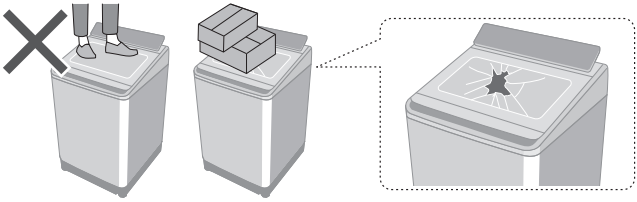
⚠ มาตรการป้องกัน

อาจทำให้เกิดการบาดเจ็บ

ระวังฝาเครื่องหนีบนิ้วมือ

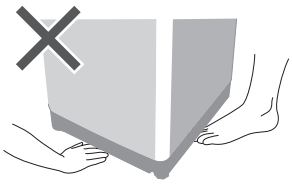


ห้ามปีนหรือวางสิ่งของหนักบนเครื่องซักผ้า



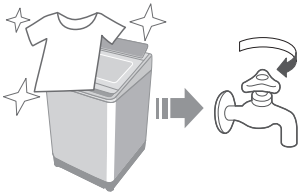
● ถ้าฝาแตกให้หยุดการใช้งานทันที

ระมัดระวังมือและเท้า

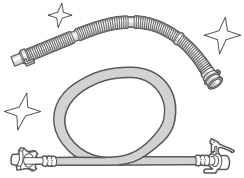


อาจทำให้เกิดน้ำรั่ว

ปิดก๊อกน้ำหลังจากใช้งานเสร็จแล้ว



ใช้ท่อชุดใหม่ที่มีมาพร้อมกับเครื่องซักผ้า

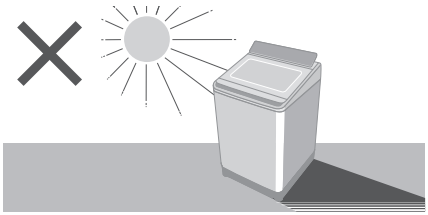


● ต้องใช้ท่อชุดใหม่ที่มีมาพร้อมกับเครื่องซักผ้า และไม่ควรใช้ท่อชุดเก่า

■ สำหรับน้ำหนักสูงสุดของผ้าแห้งและแรงดันน้ำจากก๊อก โปรดดูหน้า 55

อาจทำให้เกิดความเสียหาย

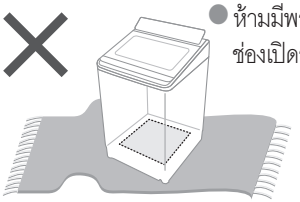
ตั้งให้ห่างจากความร้อนและแสงแดดส่องถึงโดยตรง



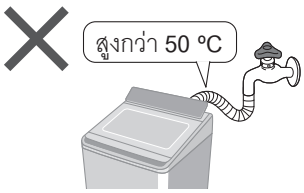
ห้ามซักเสื้อผ้าที่กันน้ำได้



ห้ามกีดขวาง



ห้ามใช้น้ำร้อน



ใช้สำหรับเสื้อผ้าที่สามารถซักกับเครื่องได้เท่านั้น

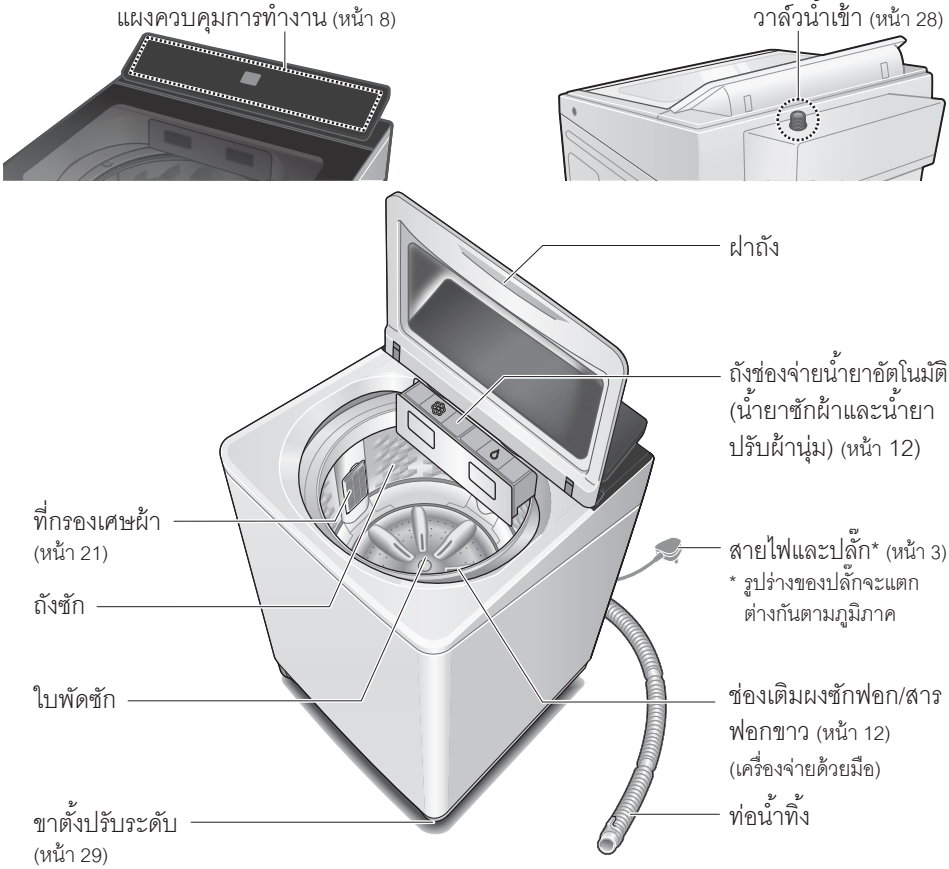


● เครื่องใช้ไฟฟ้านี้มีวัตถุประสงค์สำหรับใช้ภายในบ้าน
เครื่องใช้ไฟฟ้านี้ไม่ได้มีวัตถุประสงค์ที่จะนำไปประยุกต์ใช้งานสถานที่อื่น เช่น:

- พื้นที่ประกอบอาหารของพนักงานในร้านค้า สำนักงาน และสถานที่ปฏิบัติงานอื่นๆ
- บ้านไร่
- ใช้งานโดยลูกค้าในโรงแรม โมเต็ล และสภาพแวดล้อมที่เป็นแบบที่พักต่างๆ
- ที่พักประเภทห้องพักพร้อมอาหารเช้า
- ส่วนของพื้นที่สาธารณะในห้องชุด หรือในห้องซักผ้าที่ซักด้วยเครื่องอัตโนมัติ

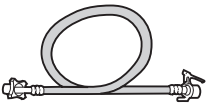
ชื่อชิ้นส่วน / อุปกรณ์เสริม

ชื่อชิ้นส่วน



อุปกรณ์เสริม

☐ ท่อน้ำเข้า (1) (หน้า 28)



ความยาว: 1.0 ม.

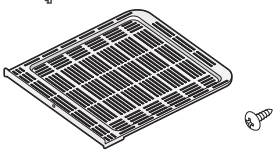
☐ ท่อน้ำทิ้ง (1) (หน้า 27)



☐ ข้อต่อก๊อกน้ำ (1) (หน้า 28)



☐ ตะแกรงป้องกันหนู (1) / สกรู (1) (หน้า 27)



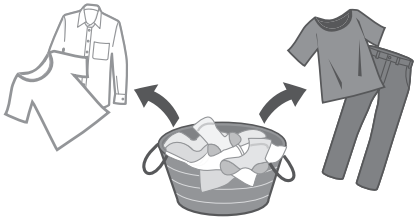
ก่อนซัก

การเตรียมการซักผ้า และการตรวจสอบ

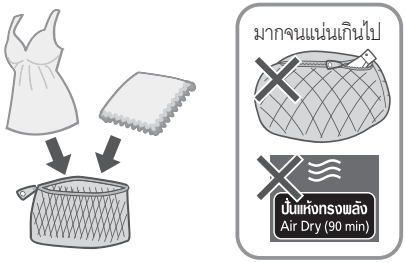
การตรวจสอบก่อนการซัก



เสื้อผ้าที่สีตกง่าย ควรแยกซักต่างหาก



ใช้ถุงตาข่ายซักผ้าสำหรับชุดชั้นใน



สำหรับการใช้โปรแกรม “Stain Master” (หน้า 18)

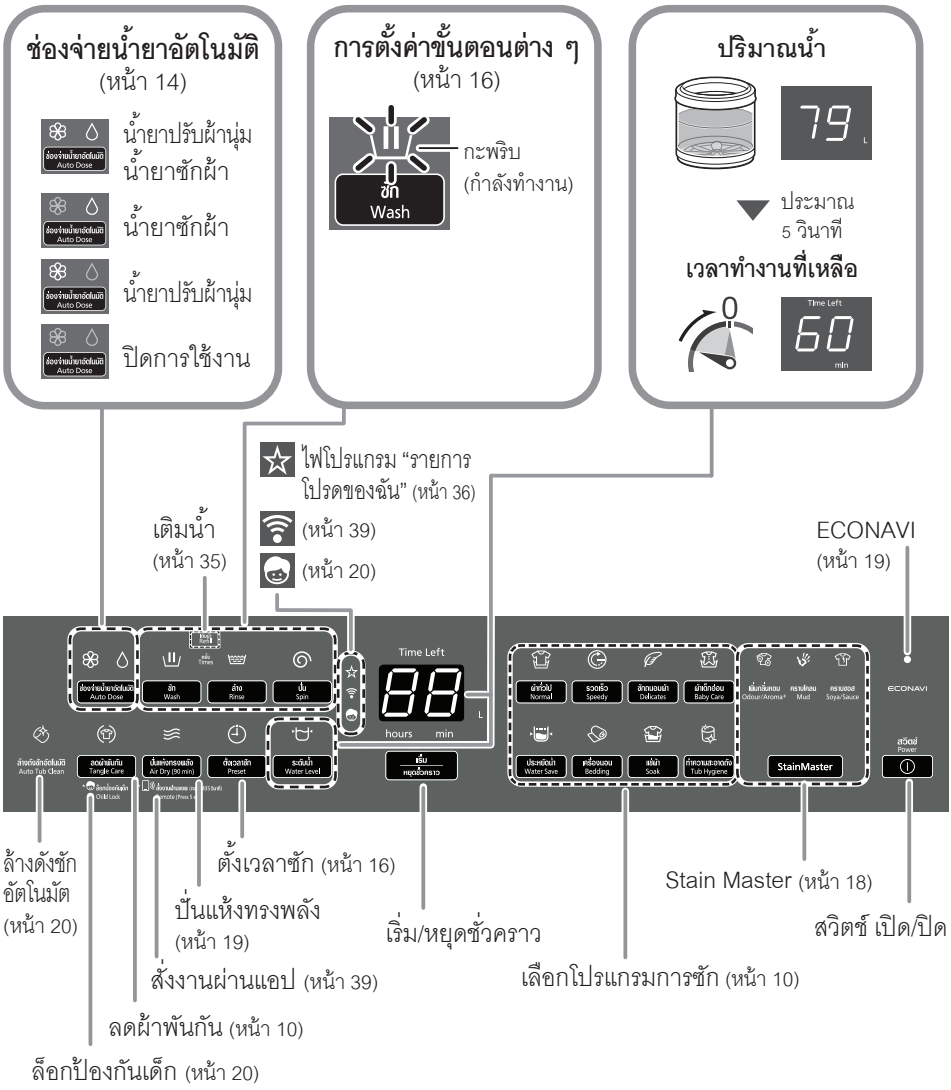
- การเตรียมสำหรับคราบสกปรกที่ซักออกยาก



- ปฏิบัติตามป้ายระบุวิธีการดูแลรักษาเสื้อผ้า



แผงการทำงาน

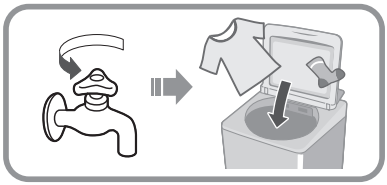


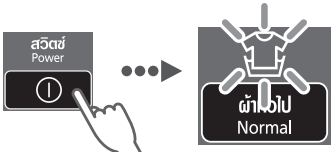
ข้อสังเกต

- ในกรณีที่ไฟดับ
  - ➡ เครื่องซักผ้าจะกลับคืนขั้นตอนเดิมจากช่วงที่ไฟดับ เมื่อไฟฟ้ากลับมาเป็นปกติ
- หากไม่ได้กด Pause/Start เริ่ม หยุดชั่วคราว ภายใน 10 นาที หลังจากเปิดเครื่อง
  - ➡ เครื่องซักผ้าจะปิดเองโดยอัตโนมัติ
- การตั้งค่าขั้นตอนการซักแบบ “Stain Master” และโปรแกรม “แช่ผ้า” ไม่สามารถเปลี่ยนแปลงได้

การซัก

1





2





(หน้า 10)

ตรวจสอบการตั้งค่า “ช่องจ่ายน้ำยาอัตโนมัติ” (หน้า 8, 14)

การตั้งเวลาซักล่วงหน้า



(หน้า 16)

3

ตรวจสอบปริมาณเสื้อผ้าที่ต้องการซัก





10 วินาที



5 วินาที



20 วินาที

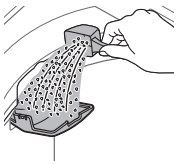


4

(เครื่องจ่ายด้วยมือ)

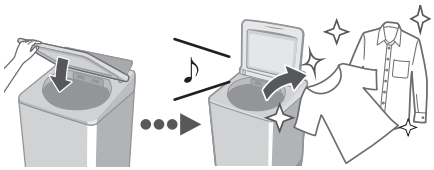


(หน้า 8)



(หน้า 13)

5



■หลังจากกดปุ่ม “เริ่ม”

- สามารถเปลี่ยนขั้นตอนการทำงาน (ในขณะที่กำลังซักผ้า)



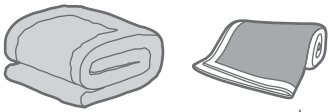
- เพื่อตรวจสอบหรือเปลี่ยนระดับน้ำ (ในขณะที่กำลังซักผ้า)



- ไม่สามารถเปลี่ยนโปรแกรมการทำงานได้

ประเภทของการซัก

การซักผ้า

โปรแกรม	วัตถุประสงค์	ความจุสูงสุด (กก)
ผ้าทั่วไป (หน้า 9)	● เสื้อผ้าทั่วไป 	13.5
ลดผ้าพัน (หน้า 9)	● ป้องกันผ้าพันกัน • ซักผ้าแบบอ่อนโยนกว่า “ผ้าทั่วไป” เพื่อลดผ้าพันกัน • คลี่เสื้อผ้าออกจากกันหลังจากการปั่นผ้า 6 กก. หรือน้อยกว่า	
รวดเร็ว (หน้า 9)	● สำหรับคราบสกปรกเล็กน้อย 	13.5
ซักถนอมผ้า (หน้า 17)	● ซักอย่างอ่อนโยน 	4.2
ผ้าเด็กอ่อน (หน้า 9)	● เสื้อผ้าสำหรับเด็กอ่อน & ผู้ที่มีผิวบอบบาง ล้างน้ำอย่างทั่วถึง 	13.5
ประหยัดน้ำ (หน้า 9)	● เพื่อประหยัดน้ำ 	13.5
เครื่องนอน (หน้า 17)	● ผ้านวมและผ้าห่ม  ต้องมีสัญลักษณ์ระบุว่าสามารถซักได้ด้วยเครื่องซักผ้า	4.2

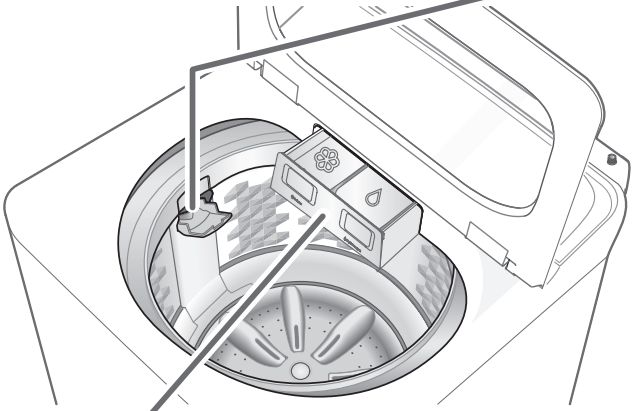
	โปรแกรม	วัตถุประสงค์	ความจุสูงสุด (กก)
การซักผ้า	**แช่ผ้า** (หน้า 9)	● สำหรับคราบสกปรกมาก แช่ผ้าก่อนการซัก 	13.5
	StainMaster (หน้า 18)	● สำหรับรอยเปื้อนดังต่อไปนี้	
	คราบสกปรกที่ทำความสะอาดง่าย **เพิ่มกลิ่นหอม**	● ใช้น้ำยาปรับผ้านุ่มมากขึ้นเพื่อให้กลิ่นติดทนนาน	6.0
	คราบโคลน		5.0
	คราบซอส คราบสกปรกติดแน่น		
ปั่นแห้ง	**ปั่นแห้งทรงพลัง (90 นาที)** (หน้า 19, 25)	● ปั่นแห้งเสื้อผ้าใยสังเคราะห์ 	2.0
		● ปั่นถังซักให้แห้ง 	—
การดูแลรักษา	**ทำความสะอาดถัง** (หน้า 25)	● ล้างทำความสะอาดถังซัก เพื่อขจัดกลิ่นและเชื้อรา 	—

ข้อสังเกต

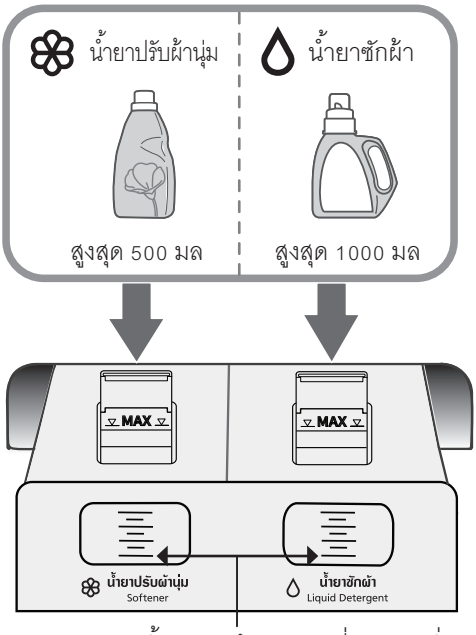
● แนะนำให้ใช้โปรแกรม “ผ้าทั่วไป” และโปรแกรม “ประหยัดน้ำ” สำหรับเสื้อผ้าที่เปื้อนธรรมดาในระดับความจุของเครื่องซักผ้าเครื่องนี้

ผงซักฟอก / น้ำยาปรับผ้านุ่ม / สารฟอกขาว

- ปฏิบัติตามคำแนะนำของแต่ละรูปแบบ
- สำหรับการทำความสะอาด (หน้า 22)
- ปิดถังช่องจ่ายน้ำยาอัตโนมัติให้สนิทก่อนใช้งาน ดันถังจนกว่าจะมีเสียง “คลิก”



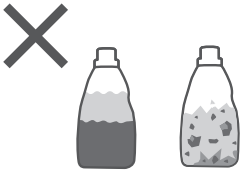
ถังช่องจ่ายน้ำยาอัตโนมัติ



เติมผงซักฟอก/น้ำยาปรับผ้านุ่มก่อนที่จะลดลงต่ำกว่าเส้น

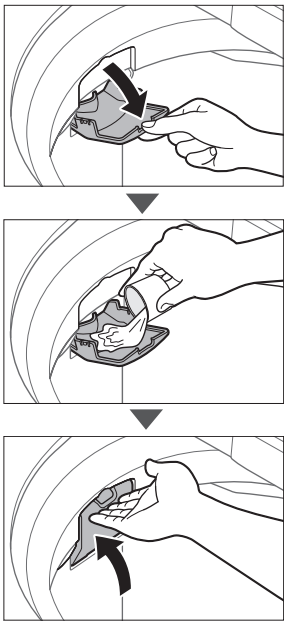
ข้อสังเกต

- น้ำยาซักผ้า/น้ำยาปรับผ้านุ่มที่ทิ้งไว้เป็นเวลานานอาจจับตัวเป็นก้อนหรือแข็งตัวได้ ในกรณีนี้ ให้ทำความสะอาดถังช่องจ่ายน้ำยาอัตโนมัติ (หน้า 22)

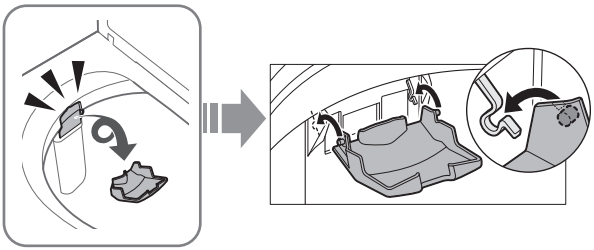


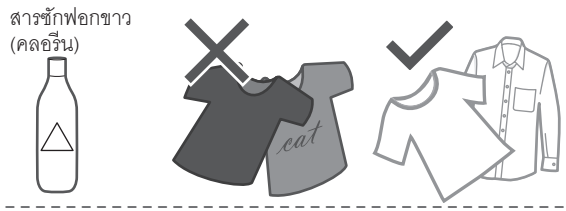
ห้ามใช้ผงซักฟอก/น้ำยาปรับผ้านุ่มที่แยกจากกันหรือทำให้แข็ง

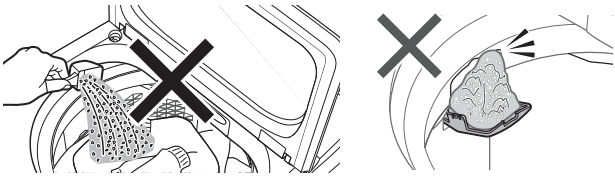
ผงซักฟอก สารฟอกขาว



ตัวอย่าง) น้ำยาฟอกขาว







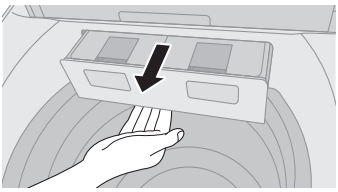
- **ห้ามเทผงซักฟอกลงไปในถังซักโดยตรง**
- ระดับของการเกิดฟองขึ้นอยู่กับจำนวนเสื้อผ้าที่ซัก คราบสกปรก ผงซักฟอกและความกระด้างของน้ำ
- เจือจางสารฟอกขาวด้วยน้ำก่อนใส่ลงในช่องเติมผงซักฟอก/สารฟอกขาว
- เทผงซักฟอกตามระดับน้ำ ทำตามคำแนะนำข้างบรรจุภัณฑ์

ช่องจ่ายน้ำยาอัตโนมัติ

ผงซักฟอกและน้ำยาปรับผ้านุ่มจะถูกเพิ่มโดยอัตโนมัติตามปริมาณผ้าและปริมาณที่ตั้งไว้ ใช้ได้กับทุกโปรแกรม ยกเว้น “ทำความสะอาดถัง”, “ปั่นแห้งทรงพลัง (90 นาที)” และ “ประหยัดน้ำ” (น้ำยาปรับผ้านุ่มเท่านั้น) (หน้า 35)

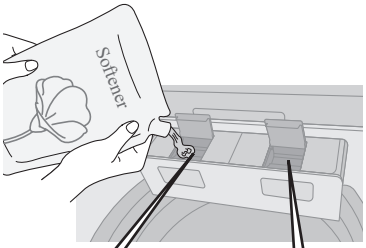
■เพื่อจัดหาผงซักฟอก/น้ำยาปรับผ้านุ่ม

1



●กดล็อกที่ก้นถังแล้วดึงออก

2



น้ำยาปรับผ้านุ่ม
สูงสุด 500 มล

น้ำยาซักผ้า
สูงสุด 1000 มล

3 ปิดถังช่องจ่ายน้ำยาอัตโนมัติ ให้สนิท

■การตั้งค่าฟังก์ชั่น “ช่องจ่ายน้ำยาอัตโนมัติ”

1



2



(หน้า 8)



(การตั้งค่าเริ่มต้น)

3



(การตั้งค่าจะถูกจดจำ)

■ปริมาณมาตรฐาน

- น้ำ: 50 ล
- น้ำยาซักผ้า : 25 มล
- น้ำยาปรับผ้านุ่ม : 25 มล

■เพื่อเปลี่ยนปริมาณยา

1



2



กดค้างไว้ 3 วินาที





(ตัวอย่าง)





น้ำยาปรับผ้านุ่ม　　น้ำยาซักผ้า

3

- เพื่อเพิ่ม



- เพื่อลด



- ค่าช่วง
  - น้ำยาซักผ้า: 10 มล. - 95 มล
  - น้ำยาปรับผ้านุ่ม: 10 มล. - 95 มล

  ขั้นตอนการเปลี่ยนแปลง: 5 มล

(การตั้งค่าจะถูกจดจำ)

4



ข้อสังเกต

- หากมีน้ำอยู่ในฝาถังก่อนหน้านี้ น้ำยาซักผ้าและน้ำยาปรับผ้านุ่มจะไม่จ่ายโดยอัตโนมัติเมื่อซัก

■ Q&A

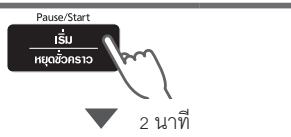
	คำถาม	คำตอบ
ผงซักฟอก/น้ำยาปรับผ้านุ่ม	**สิ่งที่ใช้กับฟังก์ชัน "ช่องจ่ายน้ำยาอัตโนมัติ" ไม่ได้?**	ไม่สามารถใช้สิ่งต่อไปนี้: ●ผงซักฟอก ●สบู่เหลว ●รายการที่ไม่มีฉลาก "ปริมาณการใช้โดยประมาณ" บนบรรจุภัณฑ์ ●สารฟอกขาว ●สบู่แป้ง ไม่สามารถใช้เบกกิ้งโซดาสำหรับการตวงด้วยตนเองหรืออัตโนมัติ
	เปลี่ยนยี่ห้อ?	ทำตามขั้นตอนด้านล่าง: ① ล้างถังช่องจ่ายน้ำยาอัตโนมัติและทำความสะอาด (หน้า 22) (การผสมต่างยี่ห้ออาจทำให้เกิดการอุดตัน) ② เติมผงซักฟอก/น้ำยาปรับผ้านุ่มใหม่ (หน้า 14)
	ขอเพิ่มก่อนหมดได้ไหม	สามารถเพิ่มยี่ห้อเดียวกันได้
	ปริมาณมาตรฐานสำหรับผงซักฟอก/น้ำยาปรับผ้านุ่มคือเท่าไร?	●ปริมาณมาตรฐานคือปริมาณผงซักฟอก/น้ำยาปรับผ้านุ่มที่ใช้ต่อน้ำ 50 ลิตร ตรวจสอบข้อมูลบนบรรจุภัณฑ์ ●หากไม่มีข้อมูลบนบรรจุภัณฑ์หรือหากคุณไม่แน่ใจ ให้ติดต่อผู้ผลิต
วิธีการใช้ฟังก์ชัน "ช่องจ่ายน้ำยาอัตโนมัติ"	**สามารถล้างได้กี่ครั้งเมื่อช่องถังช่องจ่ายน้ำยาอัตโนมัติ เต็ม?**	●น้ำยาซักผ้าและน้ำยาปรับผ้านุ่ม: ประมาณ 40 ครั้ง จำนวนครั้งจะแตกต่างกันไปขึ้นอยู่กับปริมาณผ้าที่ซักและปริมาณที่ตั้งไว้
	หากคุณไม่ได้กำหนดปริมาณยา?	●ปริมาณมาตรฐานคือ • น้ำยาซักผ้า 25 มล. ต่อน้ำ 50 ลิตร • น้ำยาปรับผ้านุ่ม 25 มล. ต่อน้ำ 50 ลิตร ●หากการตั้งค่าไม่เหมาะสมสำหรับน้ำยาซักผ้า/น้ำยาปรับผ้านุ่มที่คุณใช้อยู่ คราบอาจไม่หลุดออกหรือผ้าที่ซักอาจมีสีเข้มขึ้น
	จะเกิดอะไรขึ้นหากใส่น้ำยาซักผ้าในช่องเติมผงซักฟอก/สารฟอกขาวในขณะที่ตั้งค่าฟังก์ชัน "ช่องจ่ายน้ำยาอัตโนมัติ"	ผ้าจะได้รับน้ำยาสองครั้งซึ่งอาจเป็นจำนวนที่มากเกินไป

ตัวเลือกในการซัก

ตั้งเวลาซัก

ตั้งค่าเวลาเป็นชั่วโมงที่เครื่องจะซักจนเสร็จสิ้นการทำงาน





ไฟทั้งหมดจะดับลง ยกเว้น



ผ้าทั่วไป Normal	2 - 24 ชั่วโมง
รวดเร็ว Speedy	1 - 24 ชั่วโมง
ซักถนอมผ้า Delicates	-
ผ้าเด็กอ่อน Baby Care	2 - 24 ชั่วโมง
ประหยัดน้ำ Water Save	2 - 24 ชั่วโมง
เครื่องนอน Bedding	-
แช่ผ้า Soak	3 - 24 ชั่วโมง
StainMaster	2 - 24 ชั่วโมง
ปั่นแห้งทรงพลัง Air Dry (90 min)	-
ทำความสะอาดถัง Tub Hygiene	-

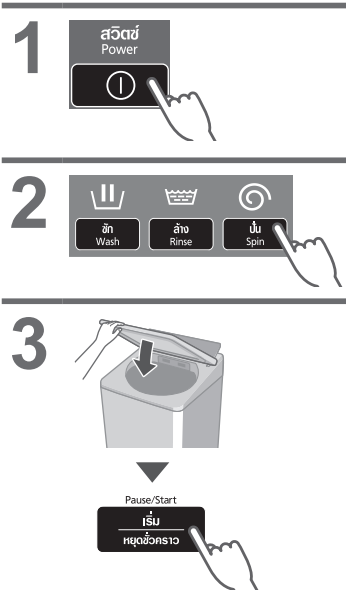
■สำหรับการยืนยัน



■สำหรับการยกเลิกหรือเปลี่ยนแปลง



ซัก / ล้าง / ปั่น



ข้อสังเกต

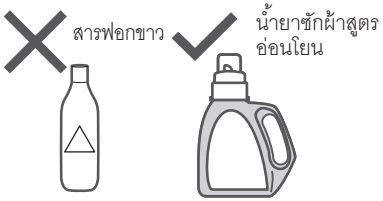
●ไม่สามารถตั้งเวลาล่วงหน้าได้สำหรับการซักแบบ “ลดผ้าพันกัน”



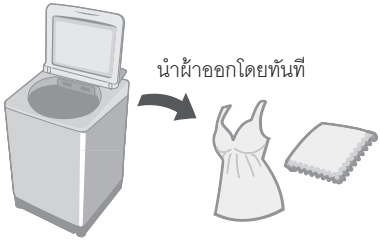
ซักถนอมผ้า

65 ลิตร	4.2 กก.
55 ลิตร	3.0 กก.

ข้อสังเกต

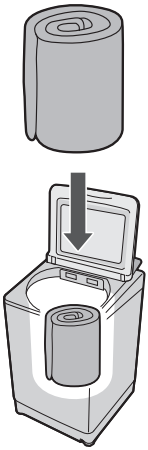


■หลังจากเสร็จสิ้นการซัก



เครื่องนอน

ปริมาณน้ำสูงสุด	4.2 กก. • เส้นใยสังเคราะห์ 100 % • ฝ้าย 100 %



ข้อสังเกต



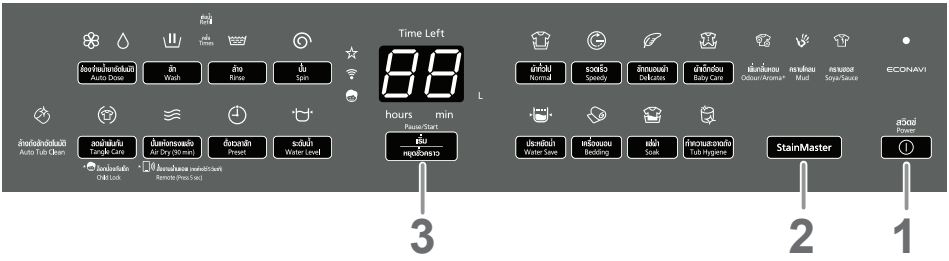
ข้อสังเกต

● การบ่งชี้ปริมาณน้ำจะแสดงค่าสูงสุดและไม่สามารถเปลี่ยนแปลงได้

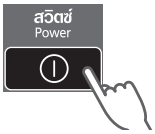
ตัวเลือกในการซัก (ต่อ)

Stain Master

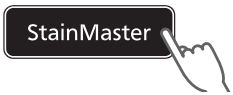
การเตรียมการซัก: (หน้า 7)



1

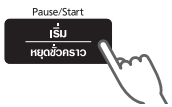


2



■การตั้งเวลาซักล่วงหน้า (หน้า 16)

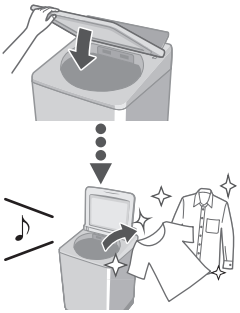
3



4

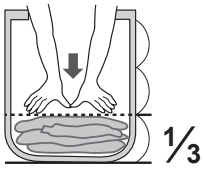


5



ข้อสังเกต

- สูงสุด ความจุ (หน้า 11)

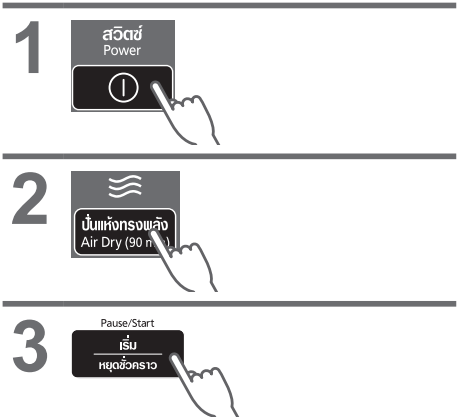


- ปริมาณน้ำสูงสุด: 65 ลิตร
- ไม่สามารถเปลี่ยนแปลงการตั้งค่าขั้นตอนการซักของโปรแกรมนี้ได้

ปั่นแห้งทรงพลัง (90 นาที)

การเป่าลมที่เกิดจากการหมุนของถังซักจะทำให้ผ้าแห้ง

- ผ้าที่ปั่นแห้งได้: เส้นใยสังเคราะห์ (สูงสุด 2.0 กก.)

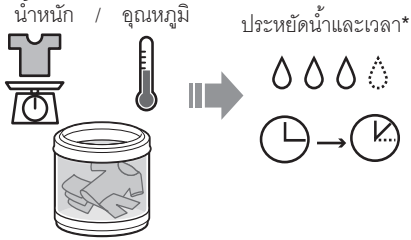


ข้อสังเกต

- ผ้าอาจจะไม่แห้งสนิท (ขึ้นอยู่กับจำนวนและประเภทของผ้า รวมไปถึงอุณหภูมิ)
- ฟังก์ชันนี้ไม่ได้ใช้เครื่องทำความร้อน เสื้อผ้าจึงอาจจะมีลักษณะกึ่งแห้ง

ECONAVI

- เฉพาะโปรแกรมการซักแบบ “ผ้าทั่วไป” เท่านั้น



■ไฟสัญญาณบ่งชี้

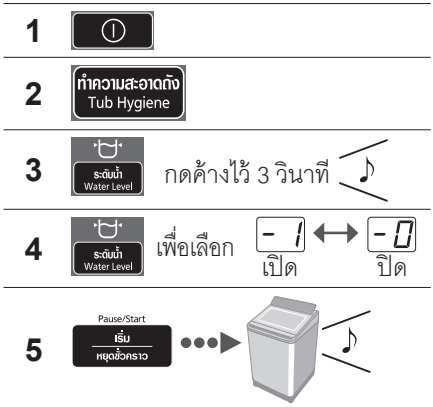


กำลังตรวจจับ

เปิดใช้งาน ECONAVI

ปิดใช้งาน ECONAVI

■ To turn on/off



* ทดสอบสภาวะต่าง ๆ:

- โปรแกรมการซักแบบ “ผ้าทั่วไป”
- เปรียบเทียบระหว่างการทำงานที่เปิดใช้งาน ECONAVI (จำนวนผ้าที่ซัก: 2.0 กก., อุณหภูมิน้ำ: สูงกว่า 35 ºC) และการทำงานที่ปิดใช้งาน ECONAVI (จำนวนผ้าที่ซัก: 13.5 หรือ 13.5 กก. (ความจุ), อุณหภูมิน้ำ: ต่ำกว่า 15 ºC)
- การทดสอบเป็นไปตามมาตรฐาน IEC60456 ยกเว้นอุณหภูมิของน้ำ

ฟังก์ชันเพื่อความสะดวกสบาย

การตั้งค่าการล้างดังซักอัตโนมัต

เพื่อป้องกันกลิ่นและเชื้อรา สามารถใช้ได้กับทุกโปรแกรมการซัก ยกเว้นแบบ “ประหยัดน้ำ” และ “ปั่นแห้งทรงพลัง”

■**ไฟสัญญาณบ่งชี้**



ทำงาน



เปิดใช้งานฟังก์ชัน



ปิดใช้งานฟังก์ชัน

■**เปิด/ปิด**

1 

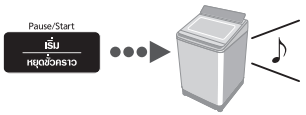
2 

3 

กดค้างไว้ 3 วินาที ♪

4 

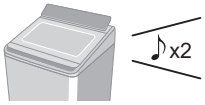
เพื่อเลือก -4 ปิด ↔ -3 เปิด

5 

การยกเลิกเสียงเตือนเมื่อซักเสร็จ

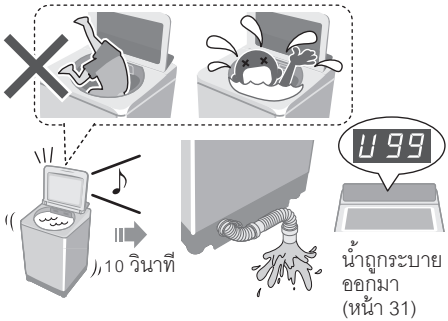
1 

กดค้างไว้ 3 วินาที



■**การตั้งค่าตามเดิม**:
ปฏิบัติตามขั้นตอนเดียวกัน ♪x4

การตั้งค่าล็อกป้องกันเด็ก



* ฟังก์ชันนี้ไม่ได้ล็อกฝาเครื่องและการทำงานของปุ่มต่าง ๆ

1 

2 

กดค้างไว้ 5 วินาที



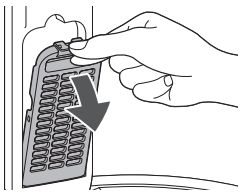
■**ยกเลิกการตั้งค่า**: ปฏิบัติตามขั้นตอนเดียวกัน ♪x4

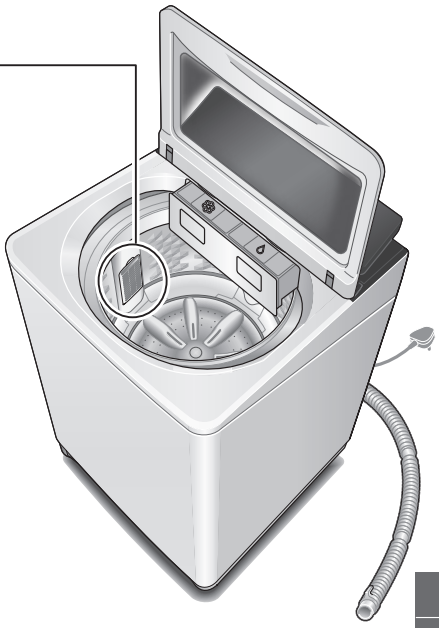
การดูแลรักษา

ที่กรองเศษผ้า

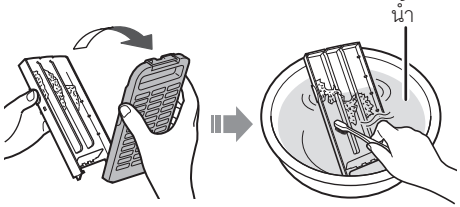
หลังจากการใช้งานทุกครั้ง

1

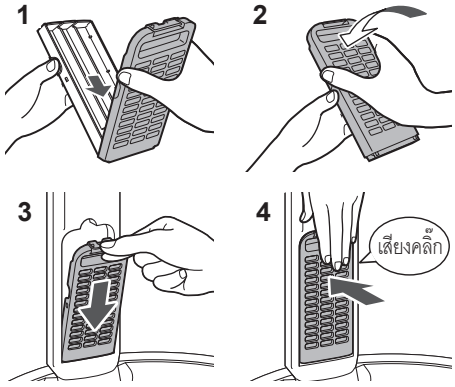




2



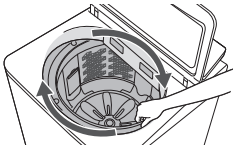
3



ข้อสังเกต



หากถอดแผ่นกรองเศษผ้าได้ยาก



หากที่กรองเศษผ้าชำรุดเสียหาย สามารถติดต่อซื้อใหม่ได้ที่ตัวแทนจำหน่าย



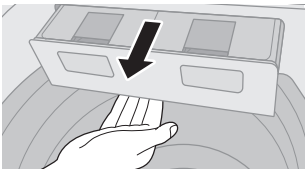
การดูแลรักษา (ต่อ)

ถังช่องจ่ายน้ำยาอัตโนมัติ

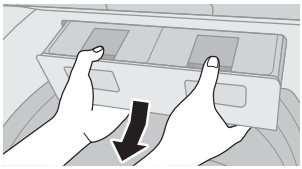
ทุก ๆ 3 เดือน	เมื่อเปลี่ยนยี่ห้อผงซักฟอกหรือน้ำยาปรับผ้านุ่ม	เมื่อไม่ได้ใช้งานนานเกิน 1 เดือน

1 นำถังออก

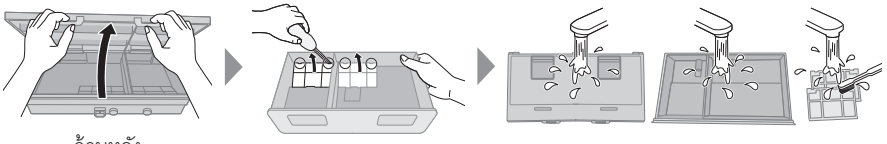
กดล็อกที่ก้นถังแล้วดึงออก



ดึงออกในแนวทแยงลง



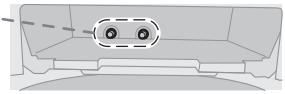
2 เปิดฝาถัง ถอดตัวกรองออก 2 ตัว แล้วล้างด้วยน้ำเปล่า



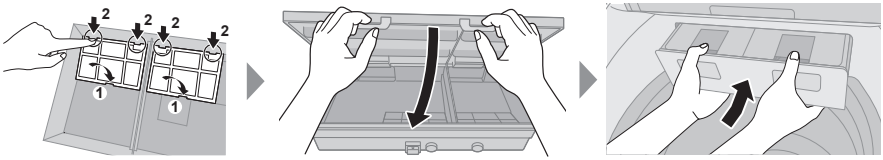
ด้านหลัง

ข้อสังเกต

- อย่าใช้น้ำยาซักผ้าและน้ำยาปรับผ้านุ่มที่เหลือใช้ซ้ำ
- อย่าเช็ดข้อต่อ (สาเหตุของการอุดตัน)



3 ติดตัวกรอง ปิดฝาและติดถัง



4

- เติมน้ำประมาณครึ่งถังแล้วปิดให้สนิท
- ปิดฝาเครื่องซักผ้าและเรียกใช้ฟังก์ชัน “ทำความสะอาดถังช่องจ่ายน้ำยาอัตโนมัติ ” เพื่อทำความสะอาด (บำรุงรักษาผงซักฟอกและน้ำยาปรับผ้านุ่มครั้งละ 6 นาที)

①



② เลือกถังที่จะทำความสะอาด

③



- หากข้อต่ออุดตัน ให้เรียกใช้ฟังก์ชัน “ทำความสะอาดล้ำลึกถังช่องจ่ายน้ำยาอัตโนมัติ” เพื่อทำความสะอาดอย่างล้ำลึก (บำรุงรักษาผงซักฟอกและน้ำยาปรับผ้านุ่มครั้งละ 47 นาที)

①



② เลือกถังที่จะทำความสะอาด



③ ④



5

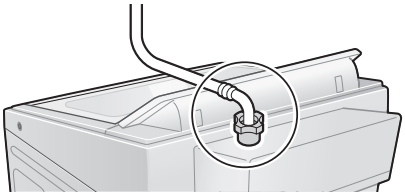
นำถังน้ำออก ทิ้งน้ำที่เหลือและเช็ดน้ำออก จากนั้นติดถัง



การดูแลรักษา (ต่อ)

ตาข่ายกรองน้ำ

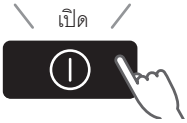
หากน้ำไหลไม่สม่ำเสมอ



1



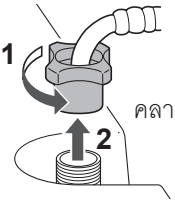
2



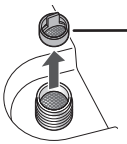
3



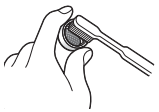
4



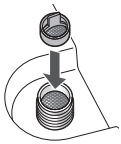
5



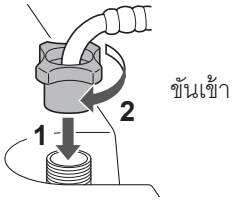
6



7

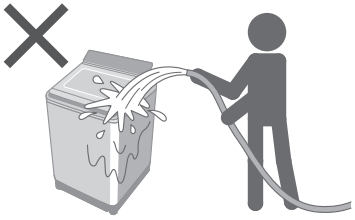


8



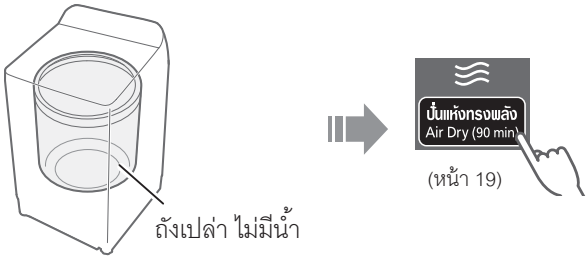
ตัวเครื่อง / ฝาเครื่อง





ถังซัก

สัปดาห์ละครั้ง <ปั่นแห้งทรงพลัง>



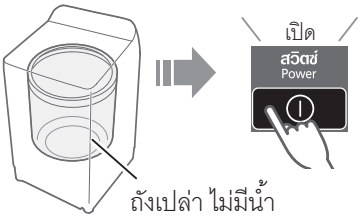
(หน้า 19)

เดือนละครั้ง <ทำความสะอาดถัง>

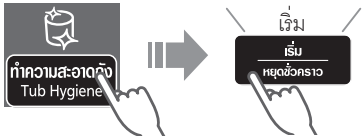
1



2



3



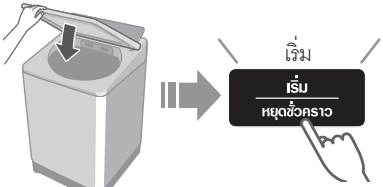
4



5



6



ประมาณ 2.5 ชั่วโมง



การติดตั้ง

ตรวจสอบบริเวณที่ติดตั้ง

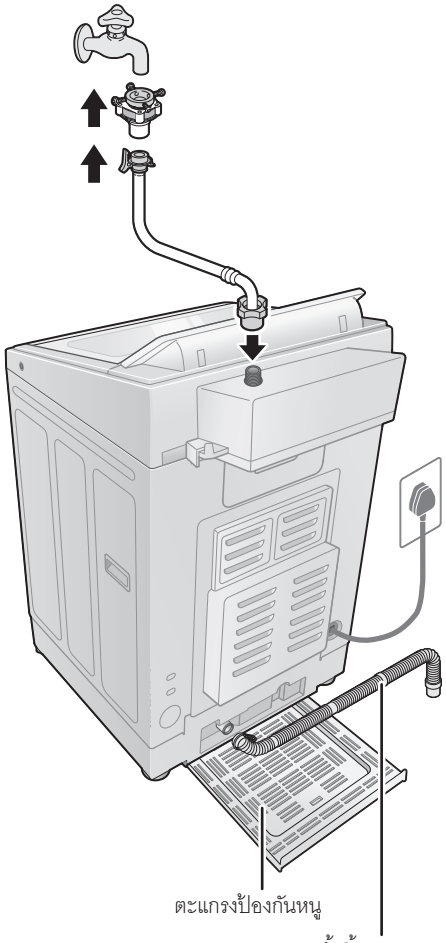


ต้องติดต่อช่างบริการเพื่อทำการติดตั้ง



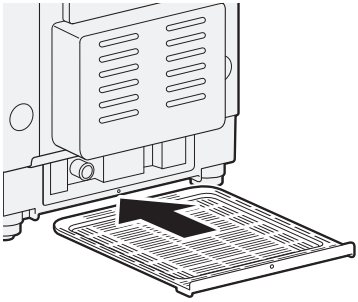
- ■ห้ามติดตั้งด้วยตนเอง
- ■ทำตามวิธีการติดตั้ง

มิฉะนั้น พานาโซนิคจะไม่รับผิดชอบใดๆ ต่ออุบัติเหตุหรือความเสียหายที่เกิดขึ้น

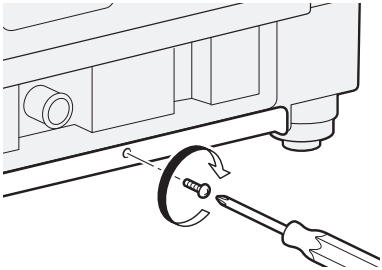


ติดตั้งตะแกรงป้องกันหนู

1

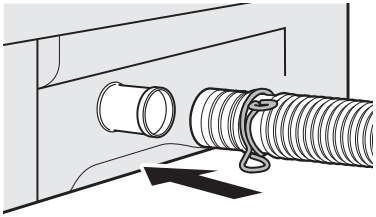


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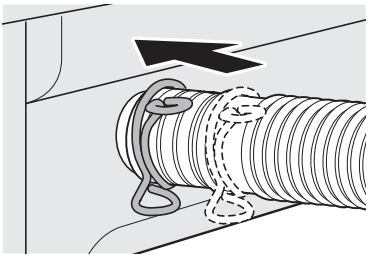


ติดตั้งท่อน้ำทิ้งภายนอก

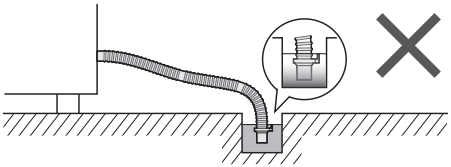
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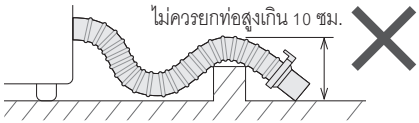


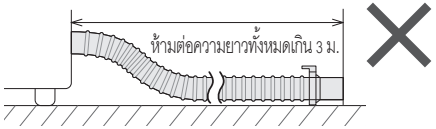
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ข้อสังเกต

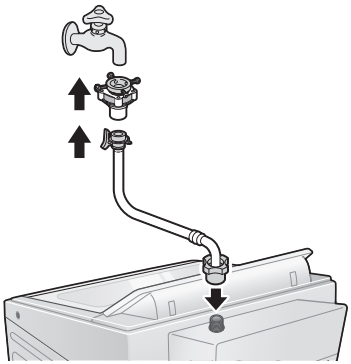




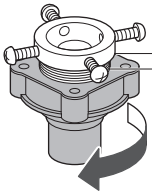


การติดตั้ง (ต่อ)

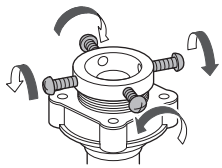
ต่อข้อต่อก๊อกน้ำและท่อน้ำเข้า



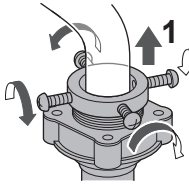
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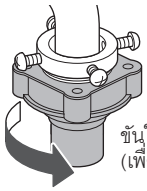
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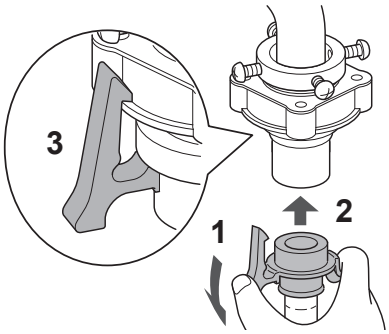
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4



5



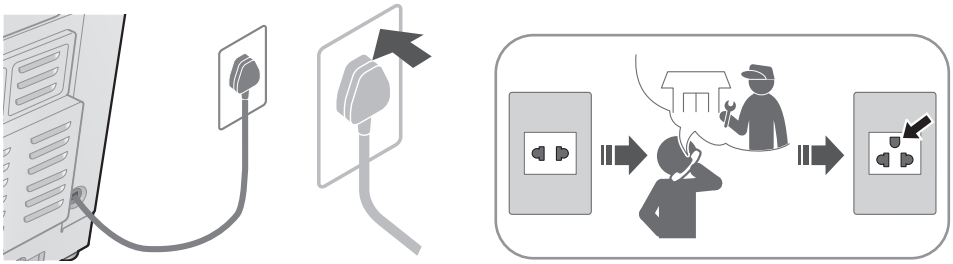
6



⚠ มาตรการป้องกัน

- ขันน็อตให้แน่น
- ห้ามงอ บีบ ดัดแปลงหรือตัดสายยาง

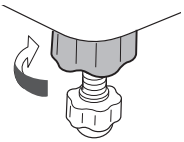
ต่อปลั๊กไฟและสายดิน



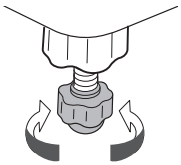
ตรวจสอบว่าเครื่องซักผ้าตั้งอยู่แนวระนาบ

■กรณีที่เครื่องซักผ้าโคลงเคลง

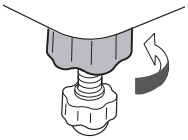
หมุนออก



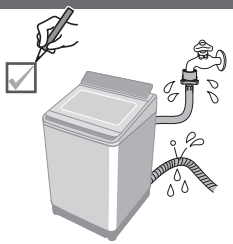
ปรับระดับ

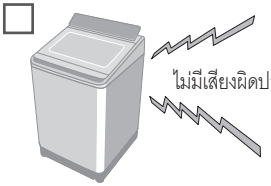


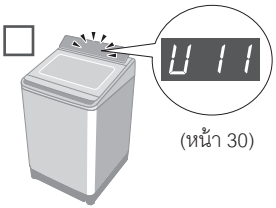
หมุนเข้า



ทดสอบการทำงาน

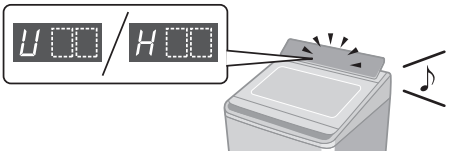






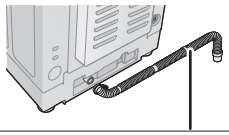
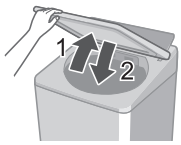
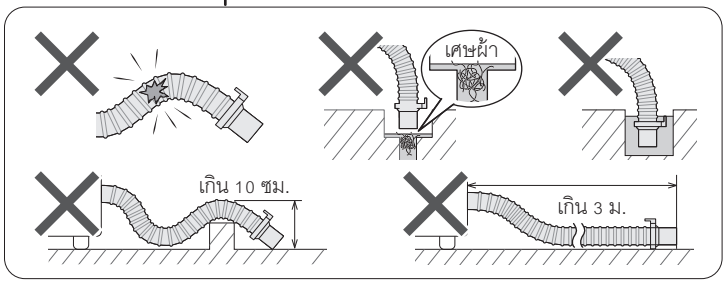
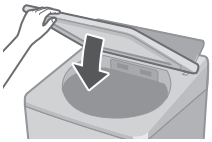
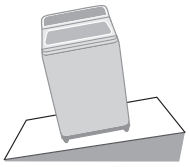
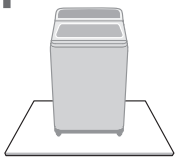
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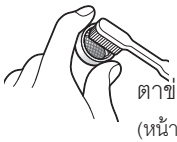
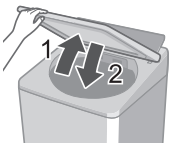
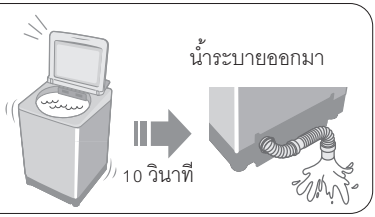
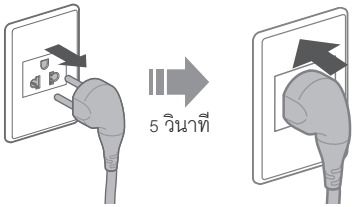
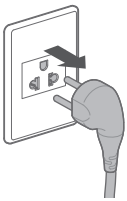
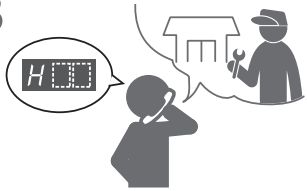
การแสดงข้อผิดพลาด



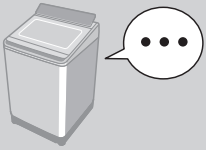
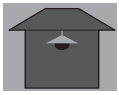
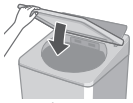
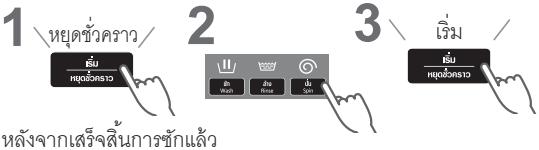
■ **การเตรียมพร้อม**

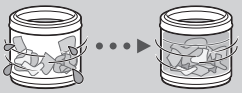
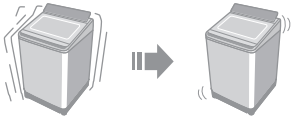
ยกเลิกการล็อกป้องกันเด็ก (หน้า 20) หากตั้งค่าไว้

การแสดงข้อผิดพลาด	สิ่งที่ต้องตรวจสอบ
U 11 **ไม่สามารถระบายน้ำทิ้งได้**	1 ตรวจสอบท่อน้ำทิ้ง  2  
U 12 **ฝาเครื่องเปิดอยู่**	1 
U 13 **การปั่นหรือปั่นแห้งทรงพลังไม่ทำงาน**	ไม่สม่ำเสมอ  1 สม่ำเสมอ  2  เอียงหรือไม่มั่นคง  1 มั่นคง  2 

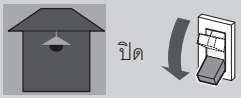
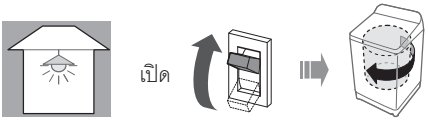
การแสดงข้อผิดพลาด	สิ่งที่ต้องตรวจสอบ
U 14 น้ำไม่ไหลเข้าถัง	 1  ตาข่ายกรองน้ำ (หน้า 24) 2 
U 99 น้ำระบายออกมา	ตั้งค่าล็อกป้องกันเด็กเอาไว้   1 
H □□ ให้ตรวจสอบตามวิธีการดังนี้	1  2  3 

การแก้ไขปัญหาเบื้องต้น

	อาการ	สิ่งที่ต้องตรวจสอบ
ปกติ	การบ่งชี้เวลาอาจเพิ่มขึ้น หรือไม่เพิ่มขึ้นก็ได้ 	การแสดงเวลาเป็นเพียงค่าประมาณเท่านั้น เวลาที่เหลือจะถูกเปลี่ยนระหว่างการทำงานแต่ละขั้นตอน 
	การทำงานอาจนานกว่าเวลาที่แสดง 	เมื่อเสื้อผ้าในถังไม่สม่ำเสมอกัน  เมื่อการระบายน้ำทิ้งไม่ดีพอ  เมื่อการจ่ายน้ำเข้าไม่ไม่ดีพอ 
	การทำงานเกินเวลาที่ตั้งค่าไว้ 	➡ เวลาในการทำงานอาจจะนานขึ้น
ปฏิบัติตาม	**เครื่องไม่ทำงาน** 	☐ ตรวจสอบ ● ไฟฟ้าดับ  ● ตั้งเวลาซักล่วงหน้า  ☐ ลองทำตามขั้นตอนนี้ ● ปิดฝาเครื่อง  ● เปิดก๊อกน้ำ  ● เสียบปลั๊กให้แน่น  ● กด “เริ่ม”  ● ยกเบรกเกอร์ขึ้น 
	ไม่สามารถเปลี่ยนการตั้งค่าการทำงานได้ (หลังจากเริ่มการทำงาน) 	☐ ลองทำตามขั้นตอนนี้ ● ระหว่างการซัก  ● หลังจากเสร็จสิ้นการซักแล้ว 

	อาการ	สิ่งที่ต้องตรวจสอบ
การซัก	**น้ำเข้าถังระหว่างเครื่องกำลังซัก** 	เมื่อระดับน้ำลดลง  เมื่อปริมาณเสื้อผ้าที่จะซักมีจำนวนมาก  ➡ มีการจ่ายน้ำเข้าโดยอัตโนมัติ
	ระดับน้ำ **สูงเกินไป** 	เมื่อเสื้อผ้าที่จะซักเปียกน้ำ  เมื่อมีน้ำอยู่แล้วในถังซักก่อนเริ่มการทำงาน  ➡ ระดับน้ำอาจสูงกว่าปกติได้
	ต่ำเกินไป 	หากผ้ามีน้ำหนักเบา (เช่น เส้นใยสังเคราะห์ เป็นต้น)  ➡ ระดับน้ำอาจต่ำกว่าปกติได้
ล้าง	**เมื่อเริ่มทำงานในขั้นตอนการล้าง แต่น้ำไม่ไหลเข้าถังซัก** 	เมื่อไม่มีน้ำอยู่ในถังซัก  ➡ น้ำจะไหลเข้าถังหลังจากการปั่น เมื่อมีน้ำอยู่ในถังซัก  ➡ น้ำจะไหลเข้าถังหลังจากระบายน้ำออกและปั่น
ปั่น	**การปั่นเปลี่ยนเป็นการล้าง** **การล้างทำงานแทนการปั่น** 	หากระดับของผ้าไม่สม่ำเสมอกัน เครื่องซักผ้าจะทำการแก้ไขโดยอัตโนมัติด้วยการเข้าสู่กระบวนการล้าง 
	การหมุนผิดปกติ 	ความเร็วในการหมุนของถังซักถูกปรับค่าเพื่อลดการสั่นสะเทือน 

การแก้ไขปัญหาเบื้องต้น (ต่อ)

	อาการ	สิ่งที่ต้องตรวจสอบ
ไฟดับ	**ไฟฟ้าดับ/เบรกเกอร์ไฟฟ้า** 	การทำงานจะกลับคืนขั้นตอนเดิมจากช่วงที่ไฟดับ เมื่อไฟฟ้ากลับมาเป็นปกติ 
	StainMaster **ไม่มีประสิทธิภาพ** 	☐ ตรวจสอบ ☐ ลองทำตามขั้นตอนนี้ ● สูงสุด ความจุ (หน้า 11)  ● การเตรียมผ้าก่อนซัก (หน้า 7)  ● เลือกตามประเภทของคราบที่ติดบนเสื้อผ้า (หน้า 11) 

รายละเอียดของโปรแกรมต่าง ๆ

โปรแกรม		เวลาทั้งหมด*1 (นาที)	การซัก (นาที)	ล้างน้ำ (จำนวนครั้ง)	ปั่น (นาที)	ช่องจ่ายน้ำยาอัตโนมัติ	
						ผงซักฟอก	น้ำยาปรับผ้านุ่ม
	ผ้าทั่วไป	65	9	2	7	✓	✓
	ลดผ้าพัน	75	13	2	7	✓	✓
	รวดเร็ว	50	3	2	5	✓	✓
	ซักถนอมผ้า	55	9	2	1	✓	✓
	ผ้าเด็กอ่อน	70	9	2	7	✓	✓
	ประหยัดน้ำ	85	12	4	5	✓	–
	เครื่องนอน	70	12	2	5	✓	✓
	แช่น้ำ	130 *2	71 (แช่ 59)	2	7	✓	✓
Stain Master	เพิ่มกลิ่นหอม	85	13	2	7	✓	✓
Stain Master	คราบโคลน	95	40	2	7	✓	✓
Stain Master	คราบซอส	115 *2	62 (แช่ 29)	2	7	✓	✓
	ทำความสะอาดถัง	150 *2	65 (แช่ 62)	2	30	–	–

*1 **เวลาทั้งหมดเป็นเวลาโดยประมาณ (เมื่ออัตราการจ่ายน้ำมาตรฐานคือ 15 ลิตร/นาที และอุณหภูมิของน้ำคือ 28 °C)**

*2 จะแสดงเวลาในการซักสูงสุด 99 นาที [- -]➡[99]

● “เติมน้ำ”: เพื่อเติมน้ำลงในถังซักและทำการซักล้างในขณะที่กำลังเติมน้ำ



Panasonic SmartApp+

สะดวกยิ่งขึ้นด้วยสมาร์ทโฟนของคุณ

คุณสามารถใช้บริการผ่าน “Panasonic SmartApp+” ได้



คุณสามารถใช้งานเครื่องซักผ้าหรือตั้งเวลาด้วยแอปพลิเคชัน

รองรับการเลือกโปรแกรมจากประวัติโปรแกรม

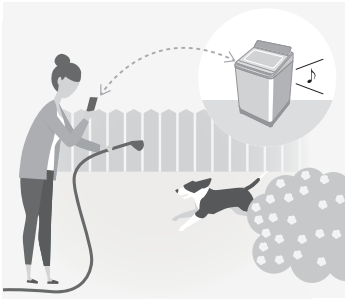
เรามีโปรแกรม “รายการโปรดของฉัน”
คุณสามารถสร้างโปรแกรมแรกเริ่มได้
ด้วยการตั้งค่ารายการโปรดของคุณ

- มากถึง 10 โปรแกรม



แจ้งสถานะการซักและการสิ้นสุดการทำงาน

สามารถนำเสื้อผ้าออกได้ทันทีหลังจากซักเสร็จ



- เนื้อหา ฟังก์ชัน และการออกแบบของบริการนี้อาจมีการเปลี่ยนแปลงเพื่อความเหมาะสมต่อการใช้งาน กรุณาตรวจสอบเพิ่มเติมที่ศูนย์บริการลูกค้า

อุปกรณ์ที่จำเป็นและสภาพแวดล้อม

มาตรวจสอบอุปกรณ์ที่จำเป็นสำหรับการใช้แอปกัน

■สมาร์ทโฟน Android หรือ iOS (iPhone)

● เกี่ยวกับระบบปฏิบัติการที่รองรับ

https://www.panasonic.com/fiot/wash/

เว็บไซต์ Panasonic



■สภาพแวดล้อมอินเทอร์เน็ต

โปรดยืนยันว่าเป็นสายบรอดแบนด์

ตัวอย่าง) FTTH (ใยแก้วนำแสง), ADSL, CATV (เคเบิลทีวี) เป็นต้น

ลูกค้าจะเป็นผู้รับผิดชอบค่าธรรมเนียมการสื่อสารทางอินเทอร์เน็ต





■เราเตอร์ไวเลสแลน

ใช้เราเตอร์ไวเลสแลนเพื่อเชื่อมต่ออินเทอร์เน็ต



หมายเหตุ

- ตรวจสอบให้แน่ใจว่าเราเตอร์ไวเลสแลนมีมาตรฐานการสื่อสารที่ย่านความถี่ 2.4 GHz (มาตรฐานการสื่อสาร: IEEE802.11b, IEEE802.11g, IEEE802.11n) ไม่สามารถใช้มาตรฐานอื่นนอกเหนือจากข้างต้นได้
- ไม่สามารถใช้รุ่นที่รองรับเฉพาะ WEP เท่านั้นได้
- โปรดใช้เราเตอร์ไวเลสแลนที่สามารถตั้งค่าวิธีการเข้ารหัสแบบ WPA3, WPA2 หรือ WPA ได้ เนื่องจากเป็นมาตรการการรักษาความปลอดภัย
- เราขอแนะนำวิธีการเข้ารหัสที่เป็นแบบ WPA3 และ WPA2 (AES)
- เราไม่รับประกันการทำงานของเราเตอร์ไวเลสแลนทั้งหมด (ไม่รับประกันว่าเราเตอร์มือถือจะใช้งานได้)

Panasonic SmartApp+ (ต่อ)

การตั้งค่าเริ่มต้น



ทำตามการตั้งค่าบนหน้าจอของแอป

1 ติดตั้ง “Panasonic SmartApp+” (ฟรี)

- คุณสามารถหาลิงก์ดาวน์โหลดแอปพลิเคชันได้จาก “เว็บไซต์ Panasonic”.
  https://www.panasonic.com/fiot/wash/

เว็บไซต์ Panasonic

- หรือคุณสามารถค้นหาแอป “Panasonic SmartApp+” บน Google Play (Android) หรือ App Store (iOS) และติดตั้งแอป
- คุณยังสามารถสแกนลิงก์เพื่อติดตั้งแอปจากคิวอาร์โค้ดที่ติดอยู่บนเครื่องซักผ้าได้

2 ทำตามคำแนะนำที่แสดงบนหน้าจอของแอปและลงทะเบียนเครื่องซักผ้า

- ดำเนินการในตำแหน่งที่คุณสามารถตรวจสอบการแสดงผลบนเครื่องซักผ้าได้
- ไม่สามารถดำเนินการในขณะที่เครื่องซักผ้ากำลังทำงานอยู่ได้

ใช้แอป (หน้า 39)

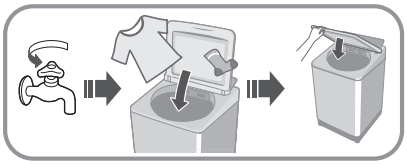
การใช้ “Panasonic SmartApp+”

หลังจากทำการตั้งค่าเริ่มต้นเสร็จสิ้นแล้ว คุณสามารถใช้แอปได้

การเตรียมการเพื่อสั่งการทางรีโมทคอนโทรลโดยใช้แอป

คุณต้องเตรียมเครื่องซักผ้าก่อนการใช้แอป

1



หมายเหตุ

- ปิดฝาเครื่องให้สนิท
- ตรวจสอบให้แน่ใจว่ายังมีน้ำยาซักผ้า/น้ำยาปรับผ้านุ่มอยู่ในถังช่องจ่ายน้ำยาอัตโนมัติ

2



เปิด

สว่างขึ้น
(เปิด)

3



กดค้างไว้
5 วินาที



ประมาณ 2 วินาที

หลังจากผ่านไป 10 นาที ●●●●●▶

ไฟแสดงสถานะอื่น ๆ ทั้งหมดดับลง ยกเว้น:



หมายเหตุ

- หากต้องการยกเลิกโหมดการควบคุมระยะไกล ⟶ ปิดเครื่อง
- เมื่อไม่มีการควบคุมระยะไกลจากแอป ระบบจะยกเลิกโหมดการควบคุมระยะไกลหลังจากผ่านไป 23 ชั่วโมง ขณะอยู่ในโหมดการควบคุมระยะไกล ปุ่มทั้งหมดบนเครื่องใช้ (ยกเว้น ⏻)จะไม่สามารถใช้งานได้ คุณสามารถควบคุมเครื่องซักผ้าเฉพาะจากแอปเท่านั้น หลังจากผ่านไป 23 ชั่วโมง หน้าจอปกติจะปรากฏขึ้นและปิดใช้งานการควบคุมระยะไกล.

เพื่อตรวจสอบสถานะการสื่อสารด้วยสัญญาณไฟบนแผงควบคุม.

	สว่างขึ้น	สามารถสื่อสารได้ (เชื่อมต่อแล้ว)
	กะพริบ	กำลังพยายามสื่อสาร (กำลังเชื่อมต่อกับเซิร์ฟเวอร์)
	ดับ	ไม่ได้เชื่อมต่อ

■ตำแหน่งหลอดไฟ



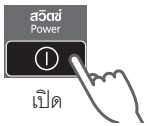
Panasonic SmartApp+ (ต่อ)

กำลังเริ่มต้น

- เมื่อคุณเลิกใช้งาน “Panasonic SmartApp+”
- การใช้งานที่น่าสงสัยเนื่องจากการเข้าถึงโดยไม่ได้รับอนุญาต
- ถ้าเครื่องใช้เป็นเครื่องมือสอง

รีเซ็ตการตั้งค่าไวเลสแลนเป็นการตั้งค่าเริ่มต้น
(ตั้งค่าที่เครื่องซักผ้า)
คุณควรหยุดใช้แอปด้วย

1



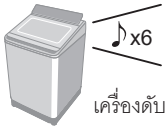
2



3



4



เมื่อคุณทิ้งหรือขนย้ายเครื่องซักผ้า

รีเซ็ตเนื้อหาทั้งหมด เช่น การตั้งค่า LAN ไร้สาย การตั้งค่าเครื่องซักผ้า ประวัติการทำงาน ฯลฯ ให้เป็นสถานะ ณ เวลาที่ซื้อ
(การเริ่มต้นแบบเต็ม)
(ตั้งค่าที่เครื่องซักผ้า)

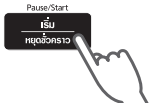
1



2



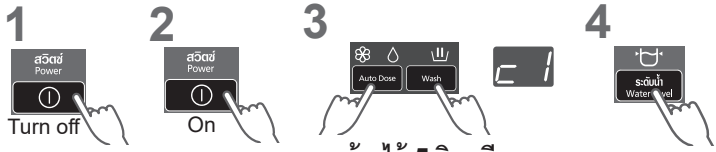
3



4



การแสดงข้อผิดพลาด

การแสดงข้อผิดพลาด	สาเหตุและวิธีการแก้ไข
U81	● ไม่สามารถเชื่อมต่อเครื่องซักผ้ากับเราเตอร์ไวเลสแลนได้ ตรวจสอบรายการต่อไปนี้ • เราเตอร์ไม่ได้เปิดอยู่ ⟶ เปิดเราเตอร์ • ระยะห่างระหว่างเราเตอร์กับเครื่องซักผ้าไกลเกินไป ⟶ ขยับเราเตอร์เข้ามาใกล้มากขึ้น • มีอุปกรณ์ที่ใช้คลื่นวิทยุ เช่น เตาไมโครเวฟ อยู่บริเวณใกล้เคียง ⟶รักษาระยะห่างที่เหมาะสม ⟶หยุดใช้อุปกรณ์หรือรอสักครู่แล้วลองอีกครั้ง • มีอุปกรณ์เชื่อมต่อกับเราเตอร์หลายเครื่อง ⟶ปิดสวิตช์อุปกรณ์ที่คุณไม่ได้ใช้งาน
U82	● ข้อผิดพลาดการสื่อสารกับเซิร์ฟเวอร์ ● อาจมีปัญหากับการเชื่อมต่ออินเทอร์เน็ตของคุณ ⟶ หากคุณไม่ทราบสาเหตุ โปรดติดต่อผู้ให้บริการ ผู้ให้บริการโทรคมนาคม หรือผู้ผลิตเราเตอร์ของคุณ
U83	● SSID หรือรหัสผ่านของเราเตอร์ใน “เชื่อมต่อด้วยแอปพลิเคชัน” ไม่ถูกต้อง ⟶ ตรวจสอบคำอธิบายของเราเตอร์ ● ไม่สามารถเชื่อมต่อเครื่องซักผ้ากับเราเตอร์ได้ ⟶ ตรวจสอบ “U81” ด้านบน
U84	● “เชื่อมต่อด้วยการสแกนคิวอาร์โค้ด” ไม่ได้ ตรวจสอบรายการต่อไปนี้ • การตั้งค่า Bluetooth® บนสมาร์ทโฟนของคุณปิดอยู่ • ไม่สามารถอ่านคิวอาร์โค้ดได้อย่างถูกต้อง ⟶ ตรวจสอบให้แน่ใจว่าการตั้งค่า Bluetooth® เปิดอยู่ จากนั้นเชื่อมต่ออีกครั้ง หากคุณยังไม่สามารถเชื่อมต่อได้ โปรดลอง “เชื่อมต่อด้วยแอปพลิเคชัน”
แอปแสดงคำว่า "ไม่สามารถเชื่อมต่อกับเครื่องซักผ้าได้"	● ทำการเชื่อมต่อใหม่เมื่อเวลาผ่านไปสักครู่ หรือตรวจสอบสถานะการเชื่อมต่อด้วยวิธีต่อไปนี้  **กดค้างไว้ 5 วินาที** ⟶ หาก “U81”, “U82” ฯลฯ ปรากฏขึ้น แสดงว่าการเชื่อมต่อมีข้อผิดพลาด ตรวจสอบรายละเอียดข้างต้น

Panasonic SmartApp+ (ต่อ)

การใช้งานสำหรับไวเลสแลน/Bluetooth®

■ข้อจำกัดการใช้งาน

โปรดศึกษาข้อจำกัดการใช้งานดังต่อไปนี้ Panasonic ไม่รับผิดชอบต่อความเสียหายใดก็ตามที่เกิดขึ้นจากการไม่ปฏิบัติตามข้อจำกัดตลอดจนการใช้งานหรือไม่สามารถใช้งานเครื่องได้

- ห้ามเชื่อมต่อกับเครือข่ายไร้สายที่คุณไม่ได้รับอนุญาตให้ใช้งาน
  เครือข่ายไร้สาย (SSID*) ที่คุณไม่ได้รับอนุญาตให้ใช้งานอาจปรากฏขึ้นในระหว่างการค้นหาสภาพแวดล้อมเครือข่ายไร้สายโดยอัตโนมัติ แต่หากคุณเชื่อมต่อเครือข่ายดังกล่าว อาจถือเป็นการเข้าถึงโดยไม่ได้รับอนุญาต
- อย่าใช้งานในบริเวณที่มีสนามแม่เหล็ก ไฟฟ้าสถิต หรือการรบกวนความถี่วิทยุ
  หากคุณใช้งานเครื่องใช้ใกล้กับอุปกรณ์ต่อไปนี้ การสื่อสารอาจถูกรบกวนหรือความเร็วอาจช้าลง
  - เตาอบไมโครเวฟ
  - อุปกรณ์ไวเลสแลน / Bluetooth® อื่น ๆ
  - อุปกรณ์อื่น ๆ ที่ใช้คลื่นวิทยุในย่านความถี่ 2.4 GHz (โทรศัพท์ไร้สายดิจิตอล อุปกรณ์เสียงไร้สาย เกมคอนโซล อุปกรณ์ต่อพ่วง PC เป็นต้น)
  - วัตถุโลหะที่สะท้อนคลื่นวิทยุได้ง่าย

* ชื่อที่ใช้เพื่อระบุเครือข่ายเฉพาะบนไวเลสแลน หาก SSID นี้ตรงกันในอุปกรณ์ทั้งสอง การเชื่อมต่อก็สามารถทำได้

■มาตรการรักษาความปลอดภัย

- เนื่องจากไวเลสแลนใช้คลื่นวิทยุเพื่อส่งและรับข้อมูล จึงมีความเสี่ยงจากการเข้าถึงโดยไม่ได้รับอนุญาต ใช้มาตรการรักษาความปลอดภัยเพื่อความปลอดภัยของข้อมูลของคุณ (หน้า 37) โปรดทราบว่าเราจะไม่รับผิดชอบต่อปัญหาใดก็ตามที่เกิดขึ้นโดยไม่ใช้มาตรการรักษาความปลอดภัย
- สำหรับรหัสผ่าน (คีย์การเข้ารหัส) ของเราเตอร์ไวเลสแลน โปรดดูคู่มือการใช้งานเราเตอร์ไวเลสแลนและตั้งค่าโดยคำนึงถึงความปลอดภัย

■เกี่ยวกับ firmware

- เครื่องนี้มีฟังก์ชันเชื่อมต่อกับเซิร์ฟเวอร์อัปเดต firmware ของเราผ่านทางอินเทอร์เน็ต และอัปเดต firmware ของเครื่องเป็นเวอร์ชันล่าสุดโดยอัตโนมัติ เนื่องจากการเชื่อมต่อไร้สายถูกรบกวน ชั่วคราวระหว่างการอัปเดท การสื่อสารอาจถูกรบกวนหรือความเร็วอาจช้าลง
- ห้ามวิเคราะห์หรือปรับเปลี่ยน firmware

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Panasonic SmartApp+ (ต่อ)

ลิขสิทธิ์ ฯลฯ (ต่อ)

(14) Alexey Zelkin

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iconv (Charset Conversion Library) v2.0

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<alex@elvisti.kiev.ua>
at Electronni Visti IA, Kiev, Ukraine.
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easy-ecc

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ข้อมูลจำเพาะ

หมายเลขรุ่น	NA-FD135Z3
แรงดันไฟฟ้าตามพิกัด	220 โวลต์
ความถี่ตามพิกัด	50 เฮิรตซ์
กำลังไฟฟ้า	480 วัตต์
ปริมาณน้ำตามมาตรฐาน	79 ลิตร
น้ำหนักสูงสุดของผ้าแห้ง	13.5 กิโลกรัม
ขนาดของเครื่อง	639 มม. (กว้าง) x 719 มม. (ยาว) x 1083 มม. (สูง)
น้ำหนักของเครื่อง	40 กิโลกรัม
แรงดันน้ำจากก๊อก	0.01 - 1 เมกะปาสคาล

This telecommunication equipment conforms to NBTC technical requirement.
เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตาม ข้อกำหนดของ กสทช.

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Panasonic

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. NA-FD135Z3



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Thank you for purchasing this product.
- Read these instructions carefully for optimum performance and safety before use.
- Keep this manual for future reference.

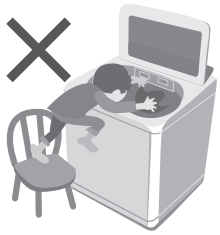
AWW9901CD1C0-0C0
A0823-0(T)
Printed in Vietnam
08-2023

Safety Precautions

⚠ WARNING

May cause serious injury or death.

Children must not use it alone.

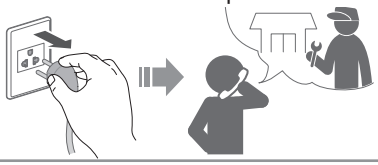


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

Do not touch the tub until it stops.



- If the tub does not stop within 15 sec:

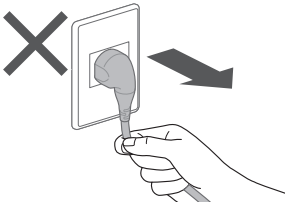


May cause fire or electric shock.

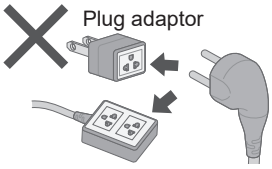
Do not touch it with wet hands.



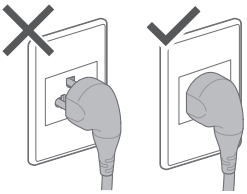
Do not hold or pull on the cord.



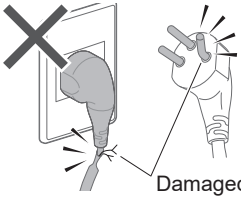
Do not use.



Fully insert it.

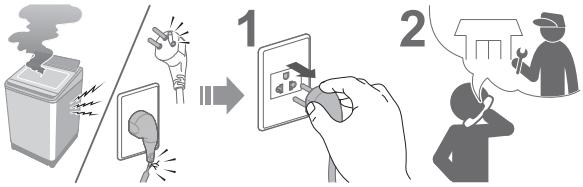


Do not use.

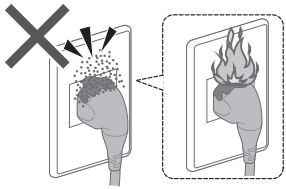


- **If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**

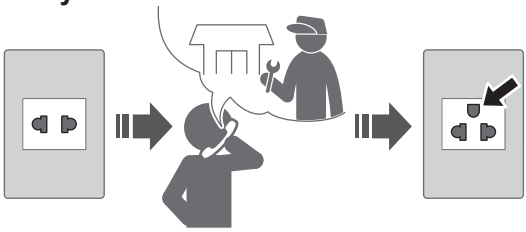
In case of failure or damaged power cord, stop use and ask the electrical technician.



Accumulated dust may cause fire.



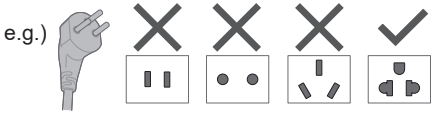
Securely insert the ground prong. Call your local dealer for a new socket.



Wipe the power plug periodically.

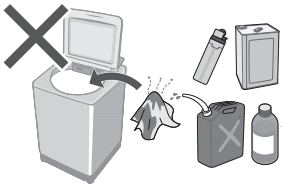


Use a socket appropriate for this appliance.



- The plug shape, socket shape and rating requirement varies with the region.

Keep away from flammable materials.



May cause failure.

Never disassemble, repair or modify it by yourself.



When using the "Panasonic SmartApp+" app

(Cause of malfunction due to radio waves from the appliance)

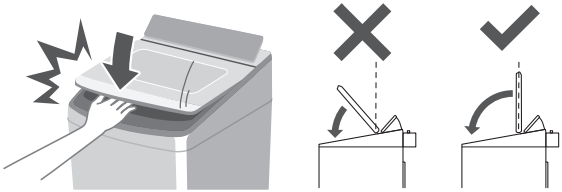
- Keep at least 15 cm away from the mounting part of the cardiac pacemaker.
- Keep away from medical equipment and automatic control equipment (automatic doors, fire alarms, etc.).

Safety Precautions (continued)

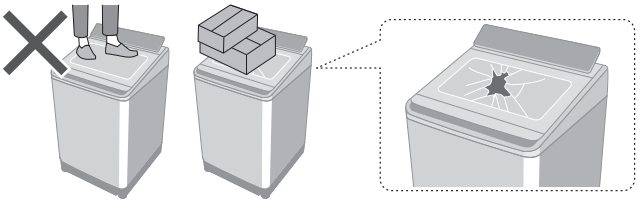
⚠ CAUTION

May cause injury.

Be careful not to get your fingers caught.

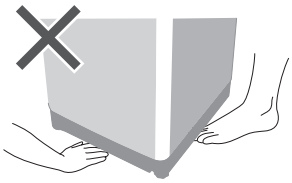


Do not climb or put objects on the appliance.



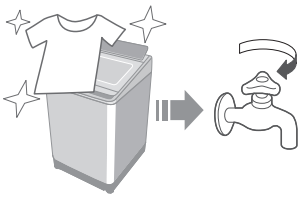
- If the lid is broken, immediately stop using.

Be careful of your hands and feet.

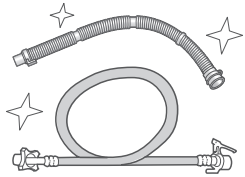


May cause water leakage.

Turn off the water faucet.



Use new hose-sets.

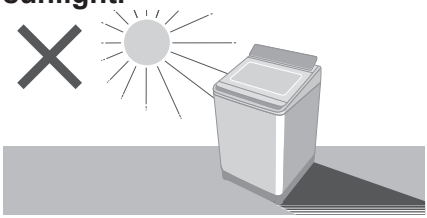


- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

■ For maximum mass of dry cloth and pressure of tap water, see Page 55.

May cause failure.

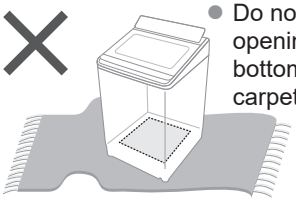
Keep away from heat and direct sunlight.



Do not wash waterproof items.

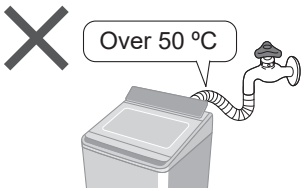


Do not obstruct.



- Do not obstruct the openings of the bottom face with carpet, etc.

Do not use hot water.



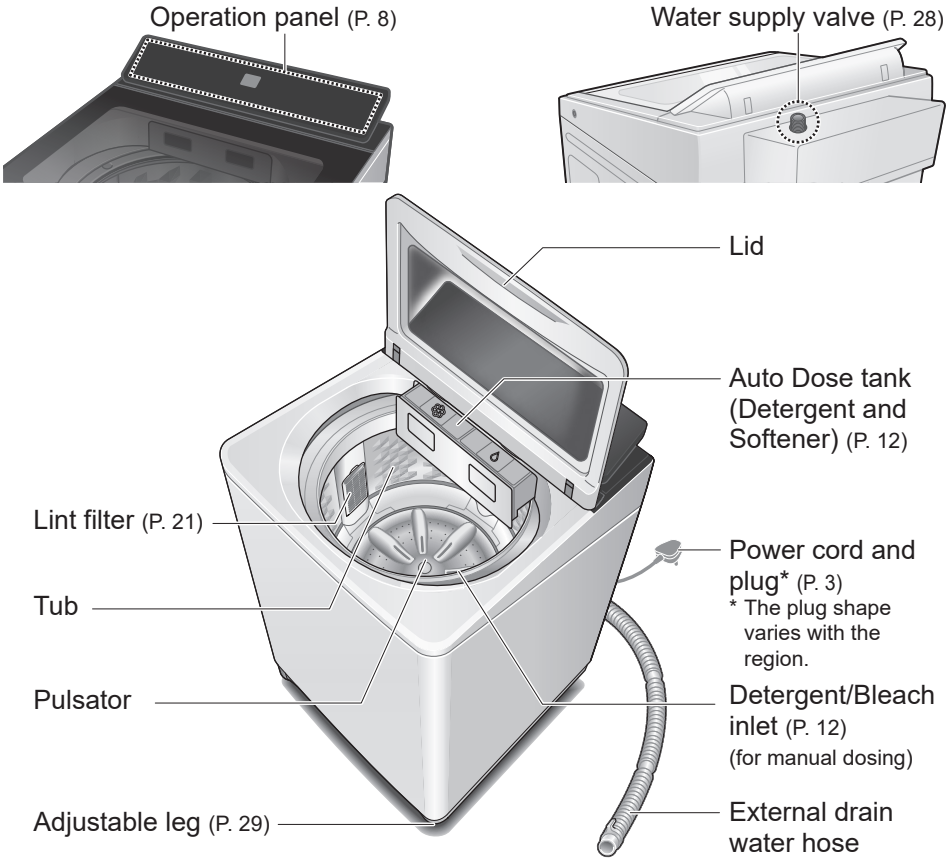
For machine-washable items only.



- This appliance is intended to be used in household. This appliance is not intended to be used in applications such as:
  - Staff kitchen areas in shops, offices and other working environments;
  - farm houses;
  - by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments;
  - areas for communal use in blocks of flats or in launderettes.

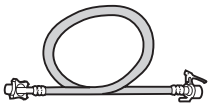
Part Names / Accessories

Part names



Accessories

☐ Water supply hose (1) (P. 28)



Length: 1.0 m

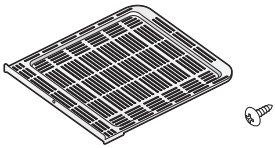
☐ External drain water hose (1) (P. 27)



☐ Water tap adaptor (1) (P. 28)



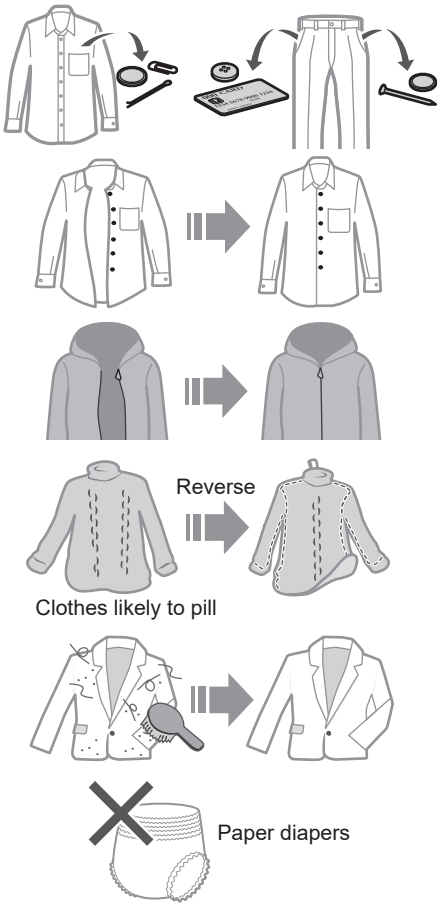
☐ Bottom cover (1) /Screw (1) (P. 27)



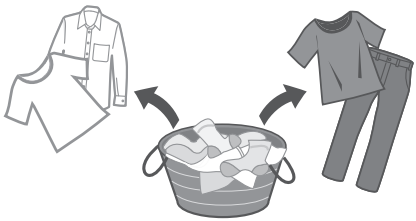
Before Washing

Laundry preparation and check

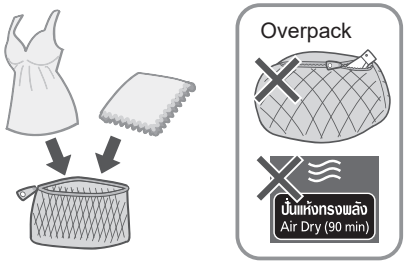
Pre-laundry check



To prevent colour staining



Use laundry nets for delicates



For "Stain Master" (P. 18)

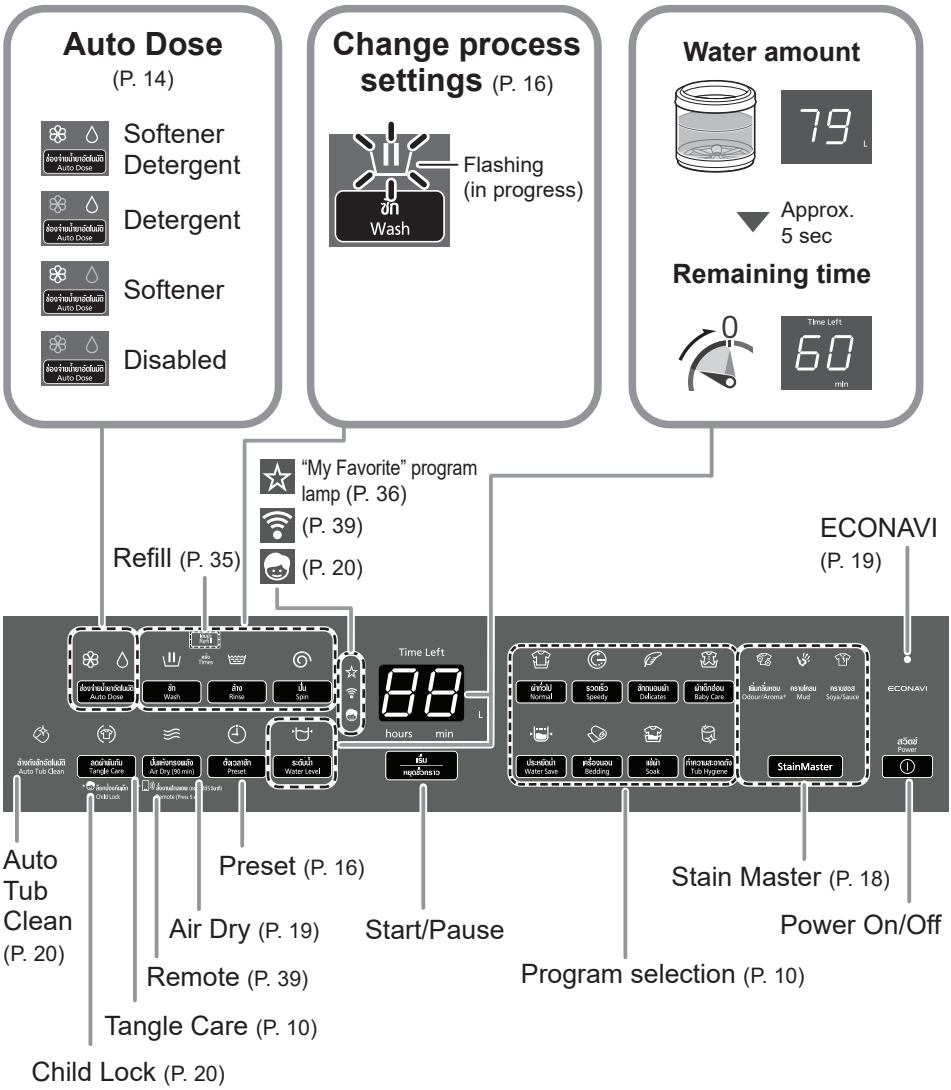
- Pretreatment for heavy stains



- Observe the clothes' care labels



Operation Panel

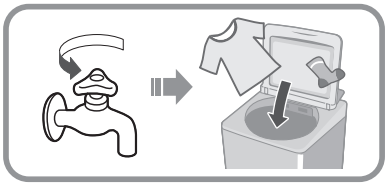


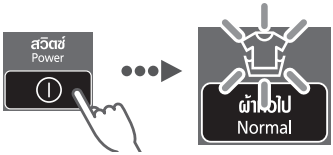
NOTE

- In case of a power failure.
  ➠ Operation will resume from where it stopped when the power recovers.
- If you do not press Pause/Start within 10 minutes after power-on.
  ➠ Auto power off.
- The wash process setting of the "Stain Master" and "Soak" programs cannot be changed.

Washing

1





2





(P. 10)

Checking "Auto Dose" setting (P. 8, 14)

■ Preset timer



(P. 16)

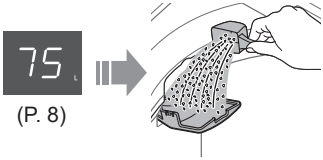
3

Measures the amount of laundry.



4

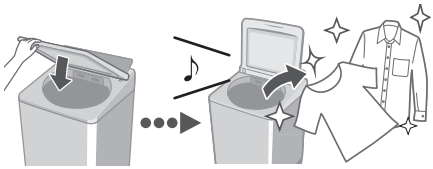
(for manual dosing)



(P. 8)

(P. 13)

5



■After pressing "Start"

- To change each operation (while washing).

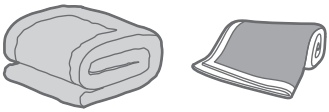


- To check or change the water level (while washing).



- You cannot change the program.

Variety of Programs

	Program	Purpose	Max. capacity (kg)
Wash	**Normal** (P. 9)	● Everyday clothes 	13.5
	Tangle Care (P. 9)	● Anti-tangling • Washing more gently than “Normal” to reduce tangle. • Disentangling clothes after spin: 6 kg or less.	
	Speedy (P. 9)	● For light soil 	13.5
	Delicates (P. 17)	● Washing gently 	4.2
	Baby Care (P. 9)	● Clothes for babies & sensitive skin Rinsing thoroughly 	13.5
	Water Save (P. 9)	● Saving water 	13.5
	Bedding (P. 17)	● Comforters and blankets  With a machine-washable tag	4.2

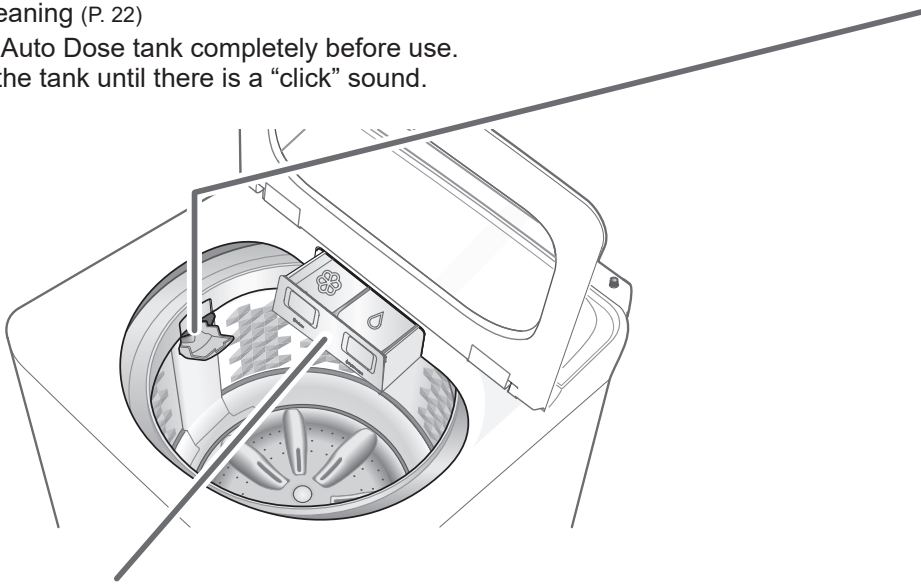
	Program	Purpose	Max. capacity (kg)
Wash	**Soak** (P. 9)	● For heavy soil Presoaking to wash 	13.5
Wash	StainMaster (P. 18)	● For the following stains	6.0
Wash	Light **Odour/ Aroma+**	● Use more softener to keep the scent longer	6.0
Wash	**Mud**		5.0
Wash	**Soya/Sauce** Heavy		5.0
Dry	**Air Dry (90 min)** (P. 19, 25)	● Drying synthetic fibre clothes 	2.0
Maintenance		● Tub drying 	—
Maintenance	**Tub Hygiene** (P. 25)	● Tub cleaning Removing black mould and smell 	—

NOTE

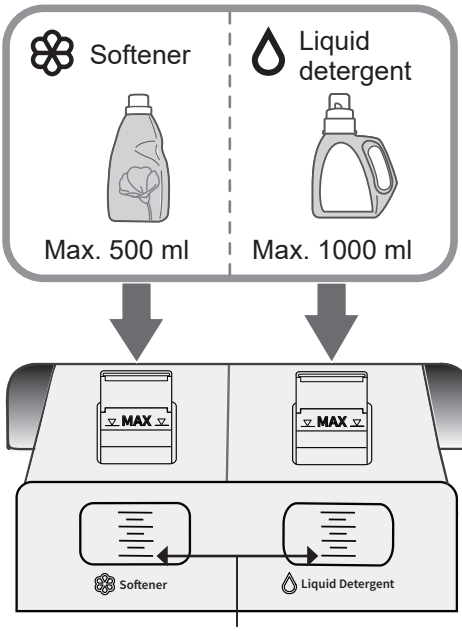
- “Normal” program and “Water Save” program are recommended for a normally soiled load at the rated capacity of this washing machine.

Detergent / Softener / Bleach

- Follow the instructions on each package.
- For cleaning (P. 22)
- Close Auto Dose tank completely before use.
  Push the tank until there is a “click” sound.



Auto Dose tank



Add detergent/softener before it drops below the line.

NOTE

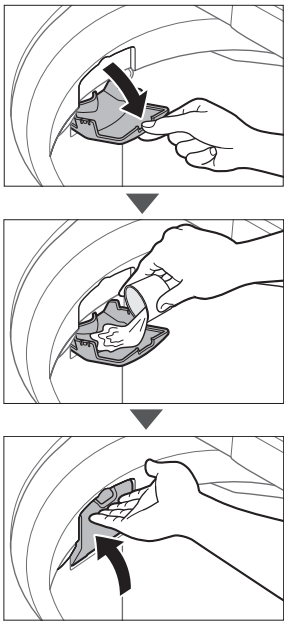
- Liquid detergent/softener left for a long time may clump or solidify. In that case, clean Auto Dose tank. (P. 22)



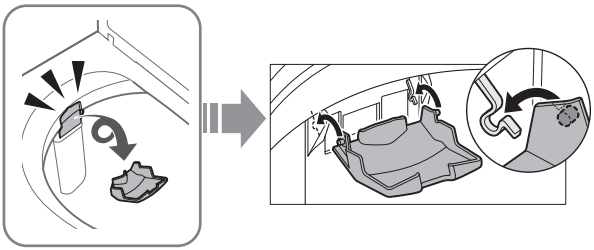
Do not use separated or solidified detergent/softener

For manual dosing

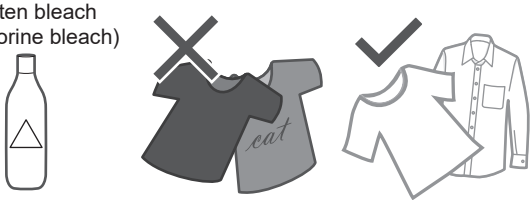
Detergent, Bleach

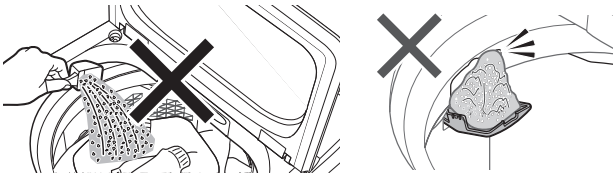


e.g.) Liquid bleach



Whiten bleach
(chlorine bleach)





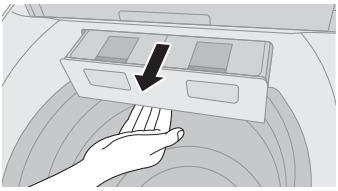
- **Do not pour detergent directly into the tub.**
- The level of foaming depends on the load size, soil, detergent, and water hardness.
- Dilute bleach with water before putting it in the detergent/bleach inlet.
- Pour detergent according to water level, follow the instructions on the package.

Auto Dose

Detergent and softener will be automatically added depending on the amount of laundry and dose amount setting, available with all programs except “Tub Hygiene”, “Air Dry (90 min)” and “Water Save” (Softener only). (P. 35)

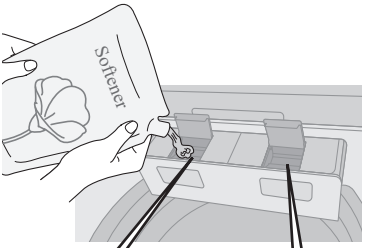
■ To supply detergent / softener

1



- Press the lock at the bottom of the tank and pull it out.

2



Softener
Max. 500 ml

Liquid detergent
Max. 1000 ml

3 Close Auto Dose tank completely.

■ To set “Auto Dose” function

1



2



(P. 8)



(Default setting)

3



(The setting is memorized.)

■ Standard amount

- Water: 50 L
- Liquid detergent: 25 ml
- Softener: 25 ml

■ To change the dose amount

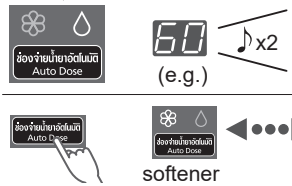
1



2



Hold 3 sec



3

- To increase



- To decrease



- Range value
  - Detergent: 10 ml - 95 ml
  - Softener: 10 ml - 95 ml

  Step change: 5 ml

(The setting is memorized.)

4



NOTE

- If there is water in the tub before, detergent and softener will not be automatically supplied when washing.

■ **Q&A**

	Questions	Answers
Detergent/Softener	**What cannot be used with “Auto Dose” function?**	The following cannot be used: ● Powder detergent ● Liquid soap ● Items that do not have a “Estimated amount to use” label on the package ● Bleach ● Powder soap Baking soda cannot be used for manual or auto dosing.
	Changing brand?	Follow the steps below: ① Empty the Auto Dose tank and clean it. (P. 22) (Mixing different brands can cause clogging) ② Add new detergent/softener. (P. 14)
	Can I add more before it runs out?	The same brand can be added as it is.
	What is the standard amount for detergent/ softener?	● The standard amount is the amount of detergent/softener used per 50 L of water. Check information on the package. ● If there is no information on the package or if you are unsure, contact the manufacturer.
How to use “Auto Dose” function	**How many times can the laundry be washed with Auto Dose tank full?**	● Detergent and softener: about 40 times The number of times varies depending on the amount of laundry and dose amount setting.
	If you do not set the dose amount?	● The standard amount is • 25 ml detergent per 50 L water • 25 ml softener per 50 L water ● If the settings are not appropriate for detergent/softener you are using, stains may not come off or the laundry may darken.
	What happens if put detergent in detergent/bleach inlet while setting “Auto Dose” function?	Because it is put in twice, it will be too much.

Washing Options

Preset

Set how many hours later to finish operation.

1



2



2 min

All other indications turn off.



ผ้าทั่วไป Normal	2 - 24
รวดเร็ว Speedy	1 - 24
ขัดถนอมผ้า Delicates	-
ผ้าเด็กอ่อน Baby Care	2 - 24
ประหยัดน้ำ Water Save	2 - 24
เครื่องนอน Bedding	-
แช่ผ้า Soak	3 - 24
StainMaster	2 - 24
ปั่นแห้งทรงพลัง Air Dry (90 min)	-
ทำความสะอาดถัง Tub Hygiene	-

■ To confirm



■ To cancel or change



Wash / Rinse / Spin

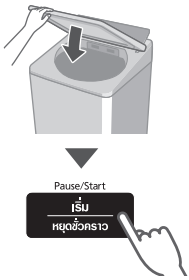
1



2



3



NOTE

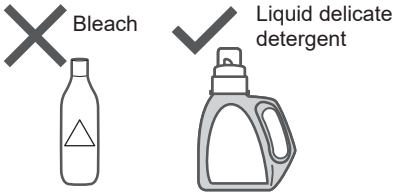
- Not available for “Tangle Care”.



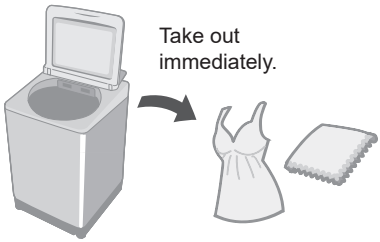
Delicates

65 L	4.2 kg
55 L	3.0 kg

NOTE

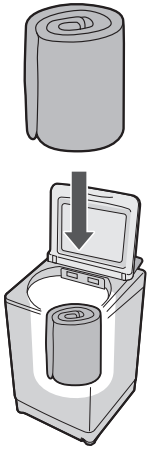


■ After operation ends

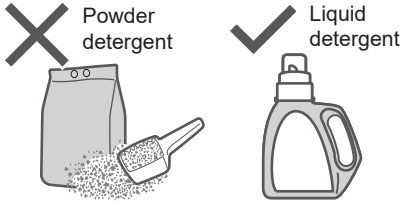


Bedding

Max. water amount	4.2 kg • 100 % synthetic fibre • 100 % cotton



NOTE



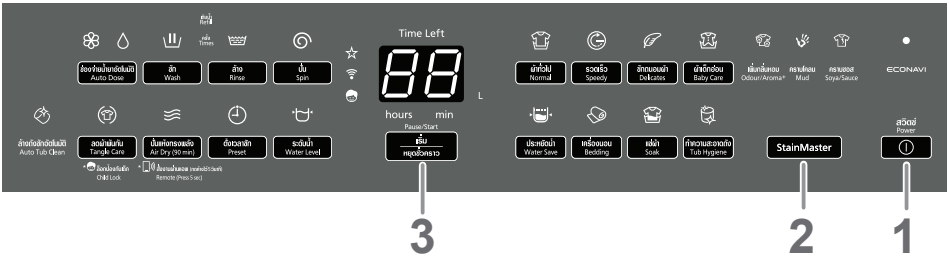
NOTE

- The water amount indication shows the maximum and cannot be changed.

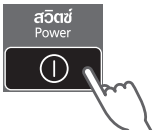
Washing Options (continued)

Stain Master

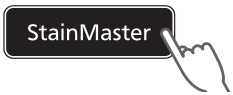
Preparation: (P. 7)



1



2



■ Timer preset (hours) (P. 16)

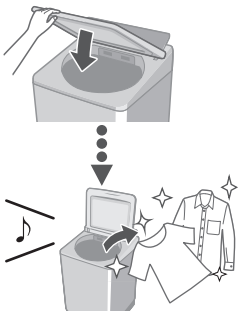
3



4

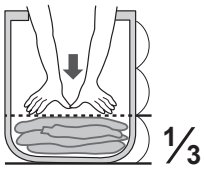


5



NOTE

- Max. capacity (P. 11)



- Max. water amount: 65 L
- You cannot change the wash process setting of this program.

Air Dry (90 min)

The air blown from the tub rotation removes water from clothes.

- Dryable clothes: Synthetic fibre (Max. 2.0 kg)

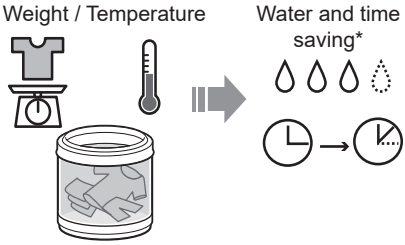


NOTE

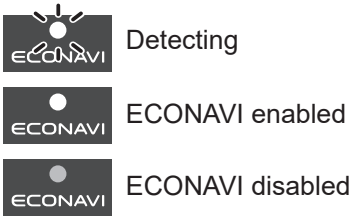
- Clothes may not be sufficiently dried (depends on amount and type of clothes, and the temperature).
- This function does not use a heater. Clothes may be cold and half dry.

ECONAVI

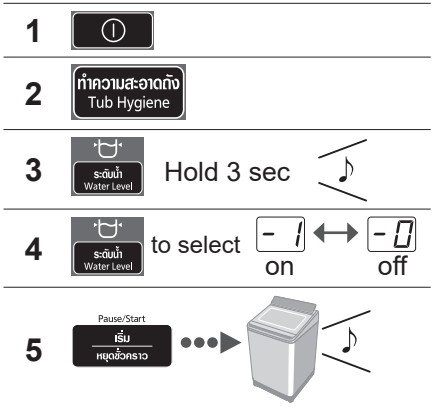
- "Normal" program only



■ Lamp indications



■ To turn on/off



* Test conditions:
- "Normal" program
- Comparison between ECONAVI-enabled operation (amount of laundry: 2.0 kg, water temperature: above 35 ºC) and ECONAVI-disabled operation (amount of laundry: 13.5 kg (rated capacity), water temperature: below 15 ºC)
- Test was conducted based on IEC60456 except for water temperature.

Convenient Functions

Setting Auto Tub Clean

Preventing black mould, available with all programs except “Water Save” and “Air Dry (90 min)”.

■ **Lamp indications**



Operating



Function enabled



Function disabled

■ **To turn on/off**

1 

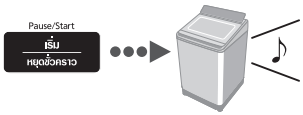
2 

3 

Hold 3 sec ♪

4 

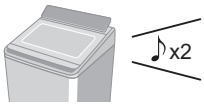
to select -4 off ⟷ -3 on

5 

Cancelling end buzzer

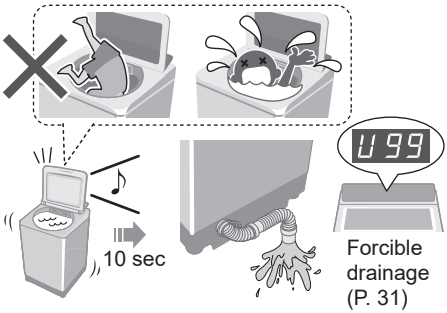
1 

Hold 3 sec



■ **To reset:**
same procedure ♪x4

Setting Child Lock



* This function does not lock the lid and button operations.

1 

2 

Hold 5 sec

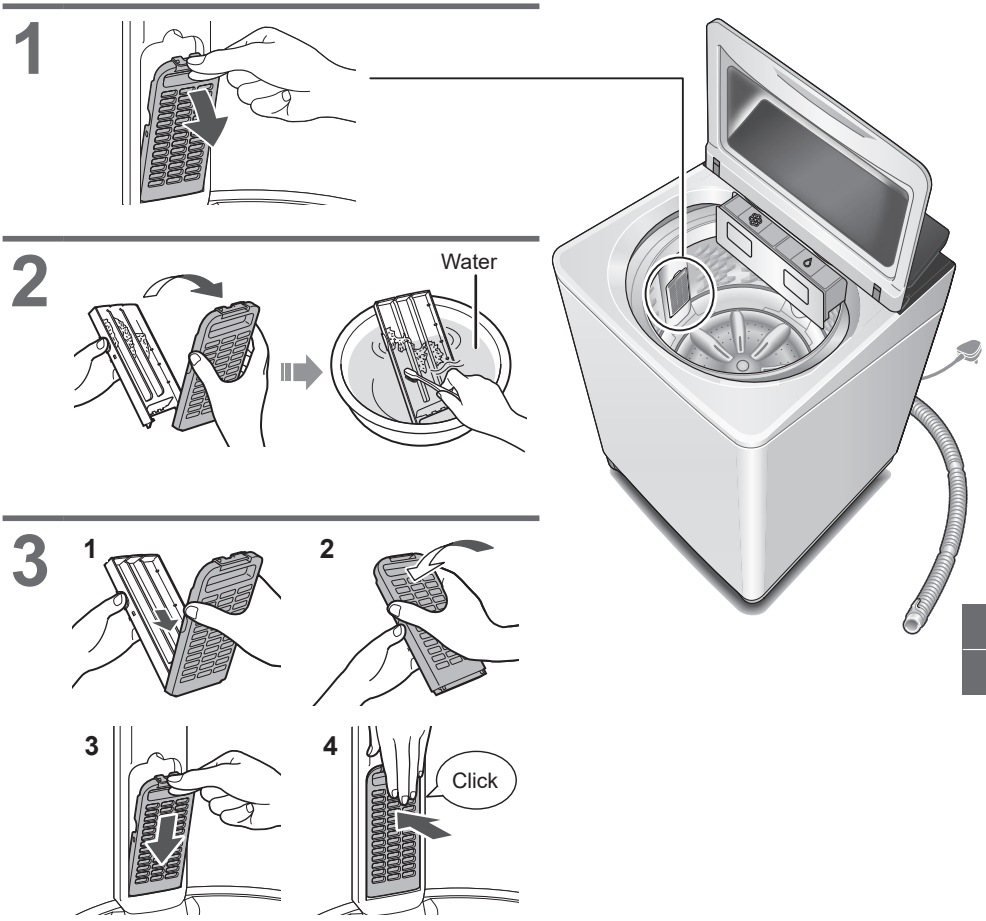


■ **To cancel:** same procedure ♪x4

Maintenance

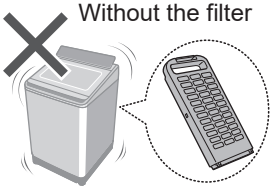
Lint filter

After each operation

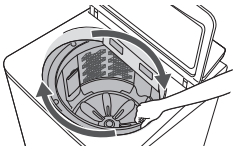


NOTE

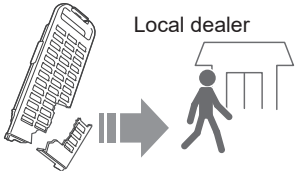
Without the filter



If it is difficult to remove the filter



If the filter is broken



Maintenance (continued)

Auto Dose tank

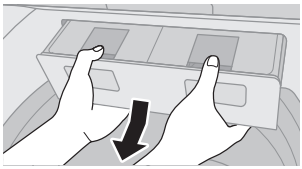
Once every 3 months	When changing detergent or softener brand	When not used for more than 1 month

1 Take out the tank.

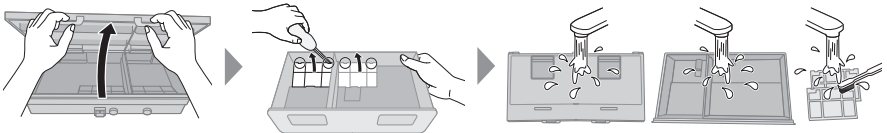
Press the lock at the bottom of the tank and pull.



Pull it out diagonally downward.



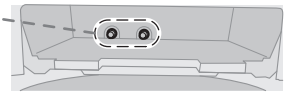
2 Open the tank lid, remove 2 filters, then wash with water.



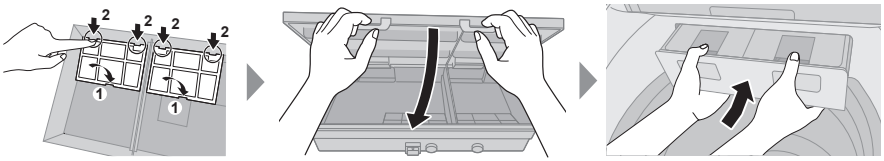
Backside

NOTE

- Do not reuse leftover liquid detergent and softener.
- Do not wipe the joint. (cause of clogging)



3 Attach filters, close the lid and attach the tank.



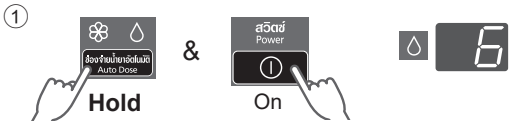
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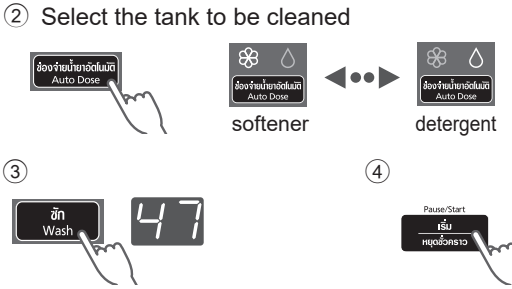
- Fill the tank about halfway with water, then close completely.
- Close the lid of washing machine and run “Auto Dose Tank Clean” function to clean (6-minute maintenance for detergent and softener each).





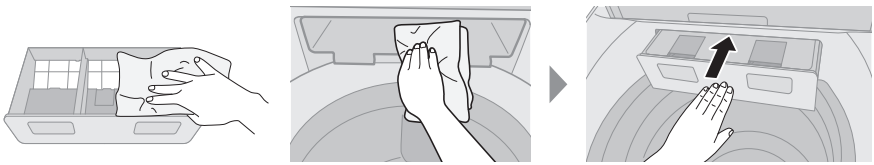
- If the joint is clogged, run “Auto Dose Tank Deep Clean” function to deep clean (47-minute maintenance for detergent and softener each).





5

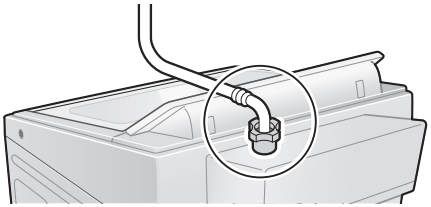
Take out the tank, discard the remaining water and wipe off the water, then attach the tank.



Maintenance (continued)

Water supply filter

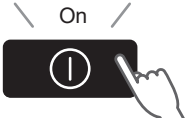
If water does not flow smoothly



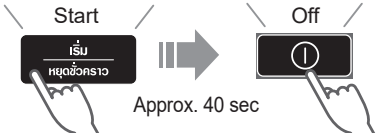
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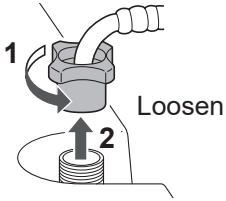
2



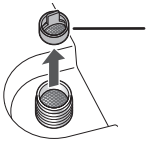
3



4



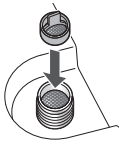
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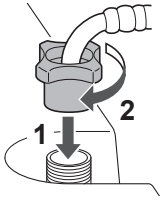
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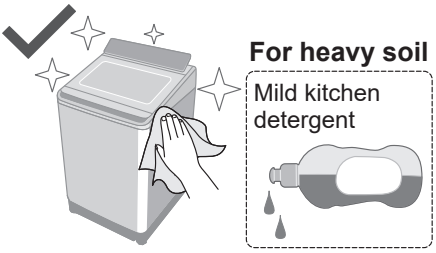
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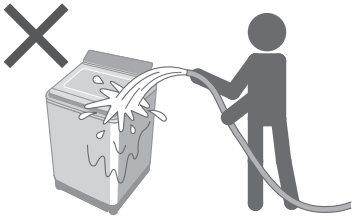


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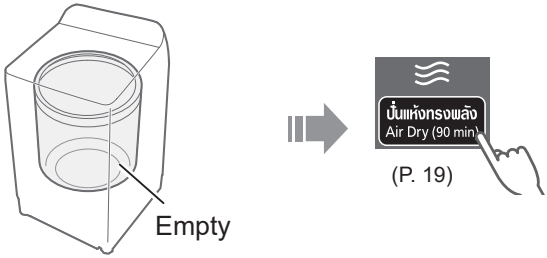
Main unit, lid





Tub

Once a week <Air Dry>

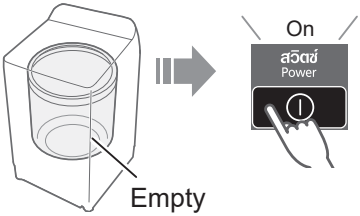


Once a month <Tub Hygiene>

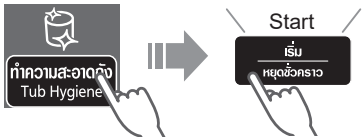
1



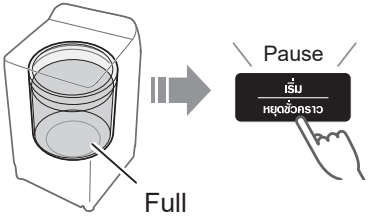
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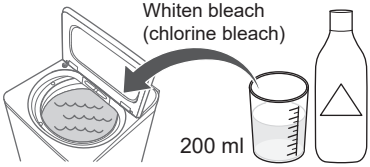
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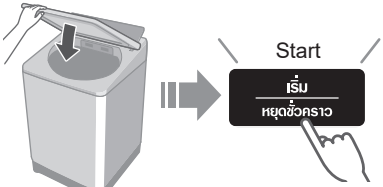
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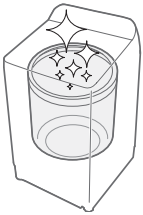
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6

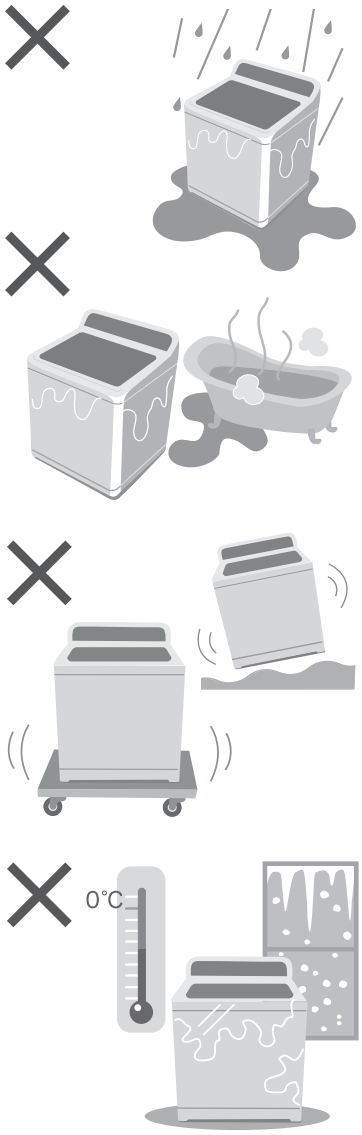


Approx. 2.5 hours



Installation

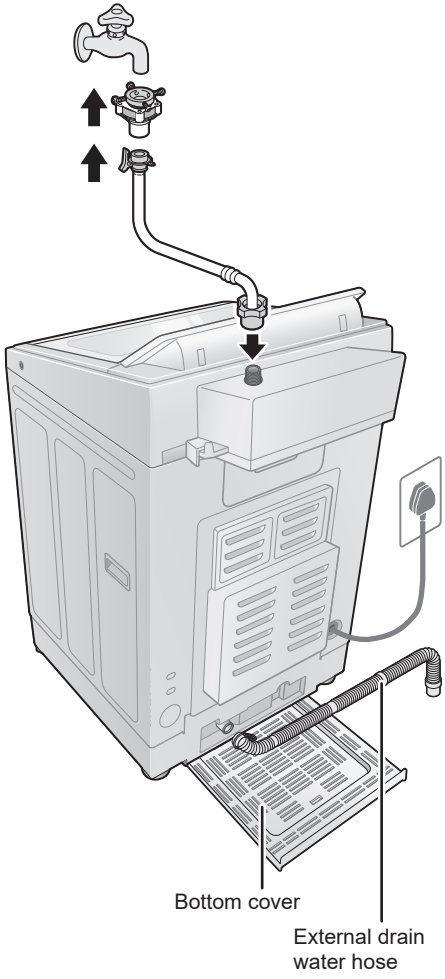
Check the location.



Make sure to ask a service person for installation.

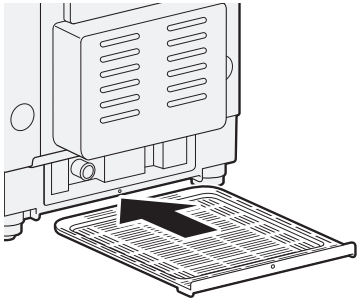


- Do not install by yourself.
- Follow this installation method.
  If you do not, Panasonic will not be liable for any accident or damage.

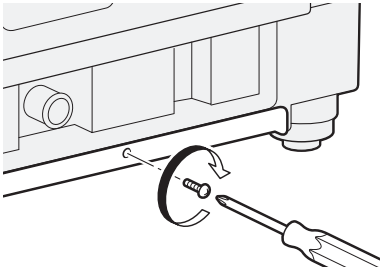


Attach the bottom cover

1

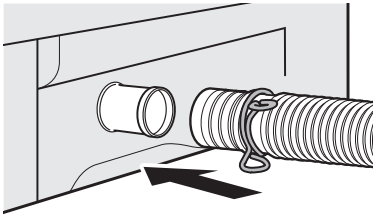


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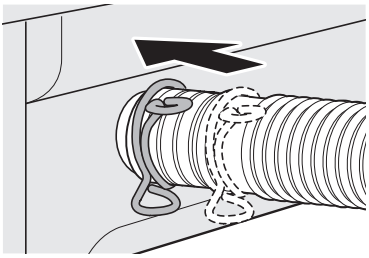


Attach the external drain water hose

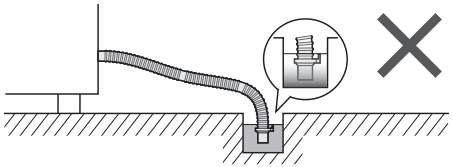
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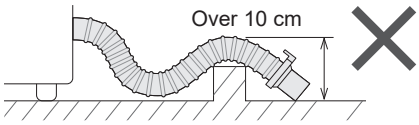


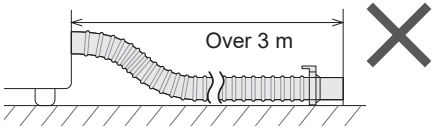
2



NOTE

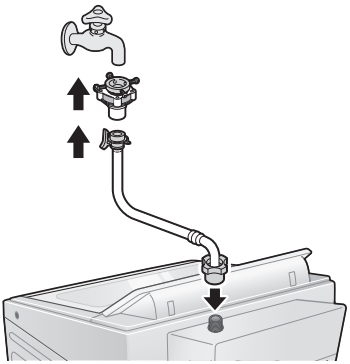




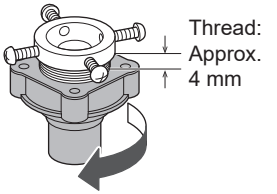


Installation (continued)

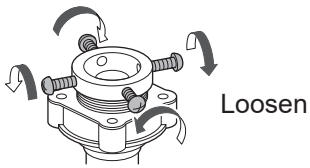
Connect the water supply hose



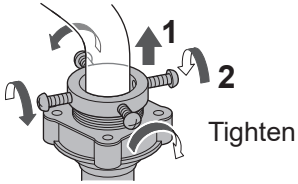
1



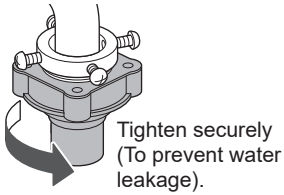
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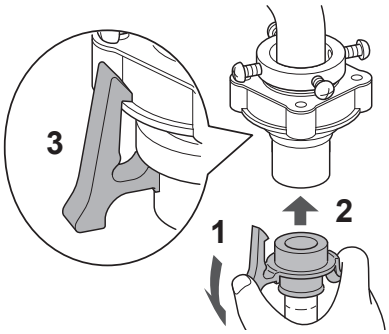
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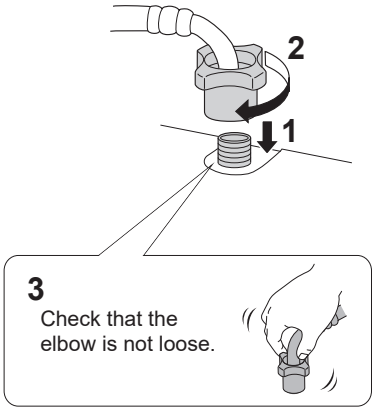
4



5



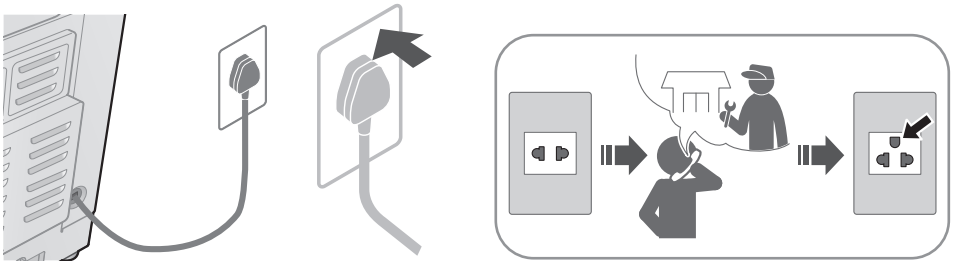
6



⚠ CAUTION

- Tighten the nut firmly.
- Do not twist, squash, modify or cut the hose.

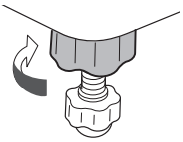
Connect the power plug and grounding



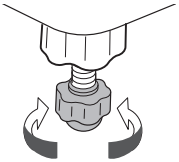
Check that the washing machine is level

■ **If the washing machine wobbles**

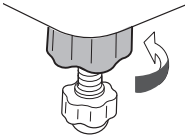
Loosen



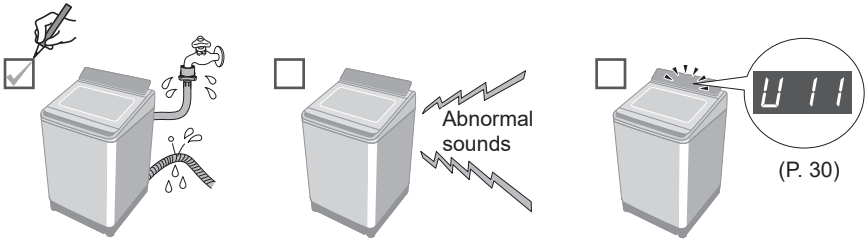
Adjust



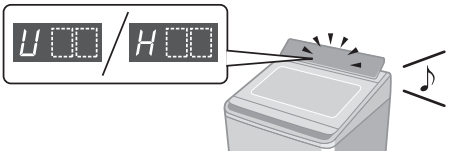
Tighten



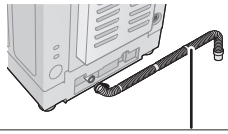
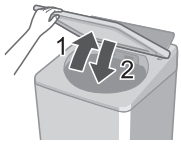
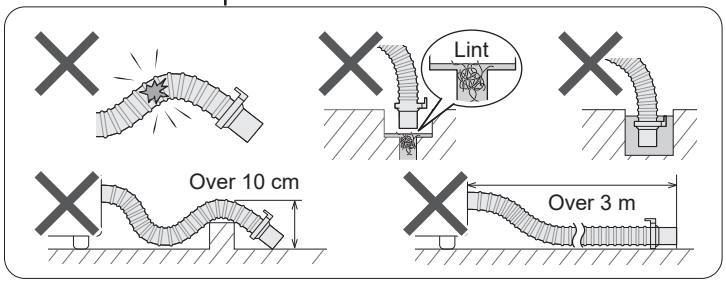
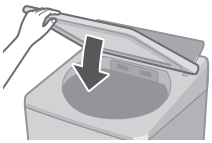
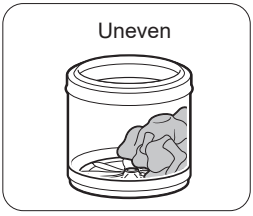
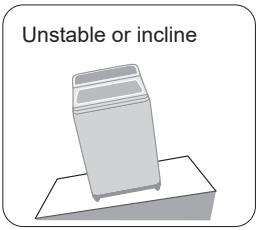
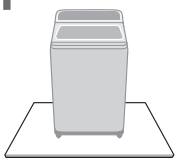
Trial operation

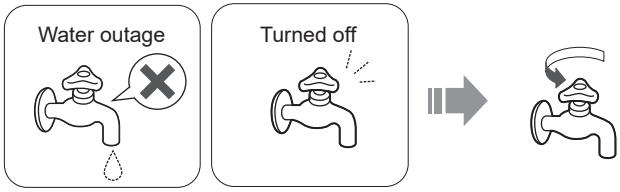
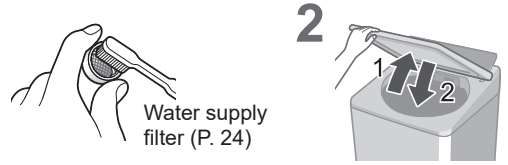
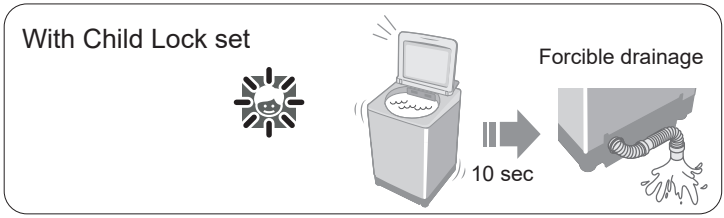
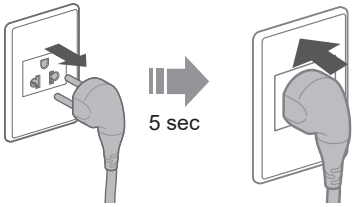
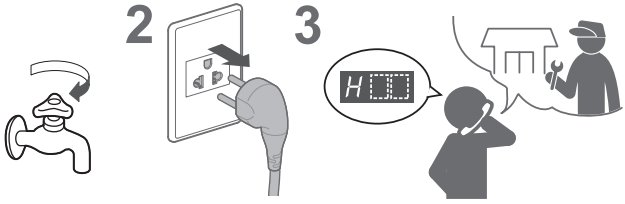


Error Display

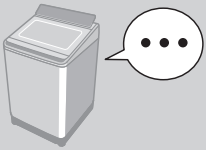
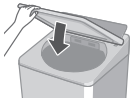
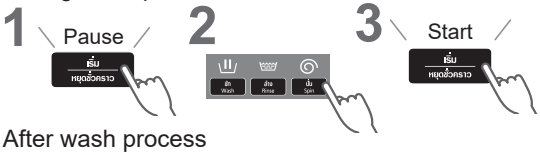


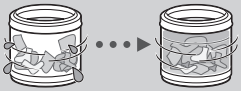
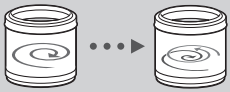
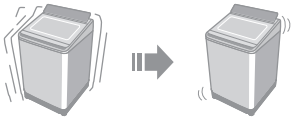
■ **Preparation**
Cancel Child Lock (P. 20)
if it is set.

Error Display	Points to be checked
U 11 **Water cannot drain.**	1 Check  2  
U 12 **The lid is open.**	1 
U 13 **Spin or "Air Dry" is not possible.**	 1 Even  2   1 Stable  2 

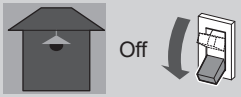
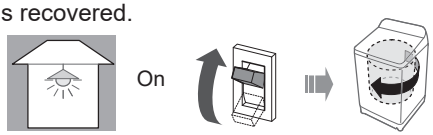
Error Display	Points to be checked
U 14 **Water cannot be supplied.**	 
U 99 **Water has been forcibly drained.**	 
H □□ **Inspection is required.**	

Troubleshooting

	Symptoms	Points to be checked
Time	**Indication increases or does not decrease.** 	Time indication is approximate. Remaining time is corrected during operation. 
Time	**Longer than the indication.** 	When clothes are uneven.  When the water drainage is not good.  When the water supply is not good.  ➡ The operation time may be longer.
Time	**Operation passes the preset time.** 	
Main unit	**No operation** 	☐Check ● Power failure  ● Timer preset  ☐Try ● Close the lid.  ● Turn on.  ● Insert the power plug completely.  ● Press “Start”.  ● Turn breaker on. 
Main unit	**Cannot change process settings (after start).** 	☐Try ● During wash process  ● After wash process 

	Symptoms	Points to be checked
Wash	**Water is supplied while washing.** 	When water level drops.  When amount of laundry is large.  ➡ Water is added automatically.
	The water level too high 	When laundry is wet.  When there is water in the tub before operation.  ➡ The water level may be higher
	too low 	When clothes are light (synthetic fibre, etc.).  ➡ The water level may be lower.
Rinse	**Operation started with rinse, but water is not supplied.** 	When there is no water in the tub.  ➡ Water is supplied after spin.
		When there is water in the tub.  ➡ Water is supplied after water discharge and spin.
Spin	**Spin changes to rinse.**	If clothes are uneven, this appliances automatically corrects unevenness by rinse process. 
	Rinse starts instead of spin. 	
	Irregular rotation 	The tub rotation speed is adjusted to reduce vibration. 

Troubleshooting (continued)

	Symptoms	Points to be checked
Others	**Power failure/Breaker off.** 	Operation will resume from where it stopped when the power is recovered. 
	StainMaster **has no effect.** 	☐Check ● Max. capacity (P. 11)  ☐Try ● Pretreatment (P. 7)  ● Select according to the stain type. (P. 11) 

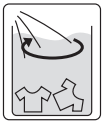
Contents of Programs

Program		Total time*1 (min)	Wash (min)	Rinse (times)	Spin (min)	Auto Dose	
						Detergent	Softener
	Normal	65	9	2	7	✓	✓
	Tangle Care	75	13	2	7	✓	✓
	Speedy	50	3	2	5	✓	✓
	Delicates	55	9	2	1	✓	✓
	Baby Care	70	9	2	7	✓	✓
	Water Save	85	12	4	5	✓	–
	Bedding	70	12	2	5	✓	✓
	Soak	130 *2	71 (Soak 59)	2	7	✓	✓
Stain Master	**Odour/Aroma+**	85	13	2	7	✓	✓
	Mud	95	40	2	7	✓	✓
	Soya/Sauce	115 *2	62 (Soak 29)	2	7	✓	✓
	Tub Hygiene	150 *2	65 (Soak 62)	2	30	–	–

*1 **Total time is approximate (When the standard water supply rate is 15 L / min and the water temperature is 28 ºC).**

*2 Remaining time of 99 minutes or less will be displayed. [- -] → [99]

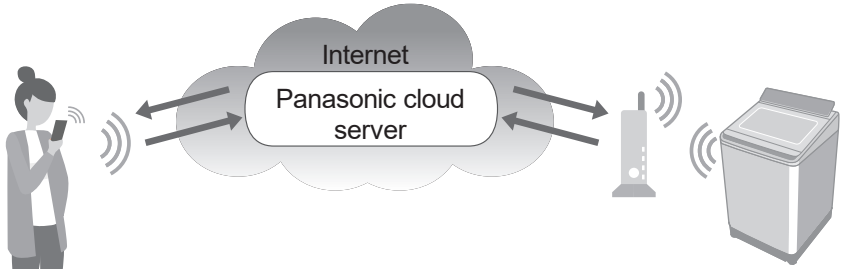
- “Refill”: to fill the tub with water and rinse while supplying water.



Panasonic SmartApp+

More convenient with your smartphone

You can use the service using the “Panasonic SmartApp+”.

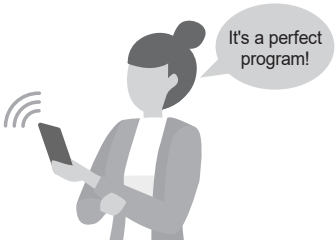


You can operate the washing machine or set the timer with application.

Support program selection from program history.

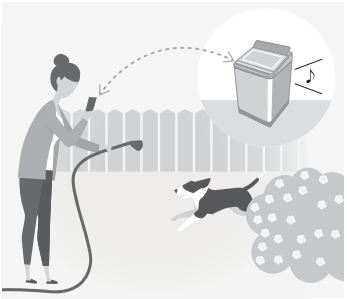
We have “My Favorite” program. You can create original programs with your favorite settings.

- Up to 10 programs.



Notification of washing status and end of operation.

Clothes can be taken out immediately after washing.



- The contents, functions and designs of this service are subject to change or termination without prior notice.

Required Equipment and Environment

Let's check the equipment required to use the app.

■ Android or iOS (iPhone) smartphone

- About supported OS

https://www.panasonic.com/fiot/wash/

Panasonic Website



■ Internet environment

Please confirm that it is a broadband line.

Example) FTTH (optical fiber), ADSL, CATV (cable television), etc.

Internet communication charges will be borne by the customer.





■ Wireless LAN router

Use a wireless LAN router to connect to the internet.



NOTE

- Make sure that the wireless LAN router has a communication standard of 2.4 GHz band. (Communication standards: IEEE802.11b, IEEE802.11g, IEEE802.11n) Other than the above cannot be used.
- Models that only support WEP cannot be used.
- As a security measure, be sure to use a wireless LAN router that can set the encryption method WPA3, WPA2, or WPA.
- We recommend WPA3 and WPA2 (AES) as the encryption method.
- We do not guarantee the operation of all wireless LAN routers. (Mobile router is not guaranteed to work.)

Panasonic SmartApp+ (continued)

Initial Settings



Follow the settings on the screen of the app.

1 Install the “Panasonic SmartApp+” (free)

- You can find the link to download the application from “Panasonic Website”.

  https://www.panasonic.com/fiot/wash/

  Panasonic Website

- Alternatively, you can search for the “Panasonic SmartApp+” app on Google Play (Android) or App Store (iOS) and install the app.
- You can also scan the link to install the app from the QR code pasted on the washing machine.

2 Follow instructions displayed on the screen of the app and register the washing machine.

- Operate in a position where you can check the display on the washing machine.
- It cannot be operated while the washing machine is running.

Use the app (P. 39)

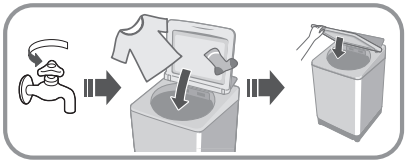
Using the “Panasonic SmartApp+”

After initial setting is completed, you can use the app.

Preparing to use the “Remote” function

You need to prepare the washing machine before going out.

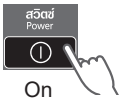
1



NOTE

- Close the lid completely.
- Make sure there is still detergent/ softener in Auto Dose tank.

2



On

Lights (On)

3



Hold 5 sec.

Approx. 2 sec.

After 10 min.

All other indications turn off, except:

NOTE

- To cancel the remote control mode → turn the power off.
- When there is no remote control from the app, the remote control mode is released after 23 hours. During remote control mode, all buttons on the appliance (except ⏻) are disabled. You can only control the washing machine from the app. After 23 hours, the normal screen is displayed and the remote control is disable.

To check the communication status with the lamp on control panel.

	Light up	Communicatable (Connected)
	Blinking	Trying to communicate (Connecting to server)
	Off	Not connected

■ Lamp position

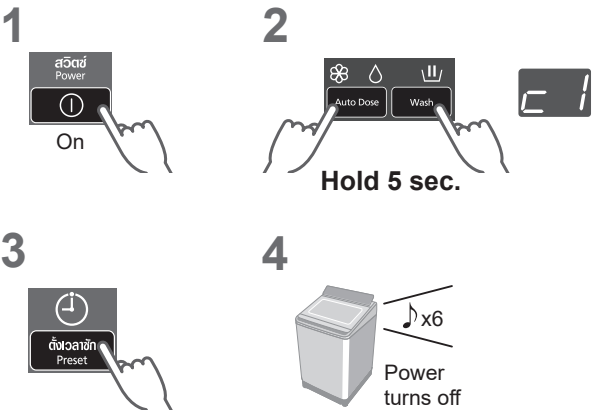


Panasonic SmartApp+ (continued)

Initializing

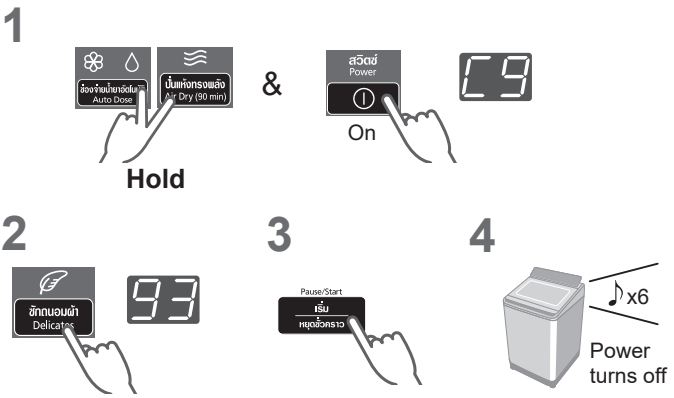
- When you stop using the “Panasonic SmartApp+”
- Suspected use due to unauthorized access
- If the appliance is a pre-owned machine

Reset the wireless LAN settings to the default settings.
(Operate on the washing machine)
You should also stop using the service of the app.



When you dispose of or transfer the washing machine

Reset all the contents such as the wireless LAN settings, washing machine settings, operation history, etc. to the state at the time of purchase.
(Full initialization)
(Operate on the washing machine)



Error Display

Error display	Causes & Measures
U81	● Failed to connect the washing machine and the wireless LAN router. Check the following. • The router is not turned on. → Turn on the power. • The distance between the router and the washing machine is too long.→ Bring the router closer. • There is a device that uses radio waves, such as a microwave oven, nearby. →Keep a distance. →Stop using the device or wait a while and try again. • Multiple devices are connected to the router. →Turn off the power of the device you are not using.
U82	● Communication error with the server. ● There may be a problem with your internet connection. →If you do not know the cause, contact your provider, carrier, or router manufacturer.
U83	● In “Backup connection”, SSID or password of the router is incorrect. →Check the description of the router. ● Failed to connect the washing machine and the router. →Check the above “U81”.
U84	● “Scan connection” failed. Check the following. • The Bluetooth® setting on your smartphone is turned off. • The QR code cannot be read correctly. →Make sure that the Bluetooth® setting is ON, and then connect again. If you still cannot connect, please try “Backup connection”.
The app displayed the word like “Cannot communicate with the washing machine.”	● Communicate again after a while, or check the connection status by the following method.  →If “U81”, “U82”, etc. are displayed, it is a connection error. Check the above.

Panasonic SmartApp+ (continued)

Usage for wireless LAN/Bluetooth®

■ Usage restrictions

Please note that there are the following restrictions on use. Panasonic is not liable for any incidental damages resulting from the failure to comply with the restrictions and the use or inability to use the machine.

- Do not connect to a wireless network that you do not have permission to use. A wireless network (SSID*) that you do not have permission to use during automatic search of the wireless network environment may be displayed, but if you connect, it may be considered as unauthorized access.
- Do not use in a place where magnetic field, static electricity, or radio interference is generated.
  If you use it near the following devices, communication may be interrupted or the speed may slow down.
  - Microwave oven
  - Other wireless LAN / Bluetooth® devices
  - Other devices that use radio waves in the 2.4 GHz band (digital cordless phones, wireless audio devices, game consoles, PC peripherals, etc.)
  - Metal objects that easily reflect radio waves

* A name used to identify a specific network on a wireless LAN. If this SSID matches on both devices, communication is possible.

■ Security measures

- Since the wireless LAN uses radio waves to send and receive data, there is a risk of unauthorized access. Take security measures to ensure the safety of your data. (P. 37) Please note that we are not responsible for any problems that occur without taking security measures.
- For the password (encryption key) of the wireless LAN router, refer to the instruction manual of the wireless LAN router and set it in consideration of security.

■ About firmware

- This machine has a function to connect to our firmware update server via the Internet and automatically update its own firmware to the latest version. Since wireless communication is temporarily interrupted during the update, communication may be interrupted or the speed may slow down.
- Do not analyze or modify the firmware.

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Panasonic SmartApp+ (continued)

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(30) - Alex Tatmanjants (targets using libc/posix)

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<alex@elvisti.kiev.ua>
at Electronni Visti IA, Kiev, Ukraine.
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Panasonic SmartApp+ (continued)

Copyright, etc. (continued)

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easy-ecc

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Specifications

Model No.	NA-FD135Z3
Rated voltage	220 - 240 V
Rated frequency	50 Hz
Rated power consumption	480 W
Standard water amount	79 L
Maximum mass of dry cloth	13.5 kg
Product dimensions	639 mm (W) x 719 mm (D) x 1083 mm (H)
Product weight	40 kg
Pressure of tap water	0.01 - 1 MPa

This telecommunication equipment conforms to NBTC technical requirement.
เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตาม ข้อกำหนดของ กสทช.

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