body as a whole is reduced in size, the opening where clothing is unloaded is in a lower position of a front of the main body, so that ease of clothing unloading is problematically impaired.

Citation List

Patent Literature

[0004]

PTL 1: Unexamined Japanese Patent Publication No. 2012-75685

SUMMARY

[0005]

The present disclosure has been made to solve the above conventional problem and aims to provide a drum-type washing machine that can bring an opening where clothing is unloaded to a higher position for improvement of ease of clothing unloading.

[0006]

To solve the above conventional problem, a drum-type washing machine of the present disclosure includes a main body that has, in its front, an opening where laundry is loaded and unloaded, and a lid body that openably covers the opening of the main body and is of quadrangular in external form. The lid body is provided with an operation display unit having an input unit and a display, wherein

the operation display unit is provided at an upper part of the lid body;

a side wall of the lid body is mounted with a sash member;

the operation display unit has a width dimension that is equal to a width dimension of the lid body; and

the sash member restricts movement of the operation display unit.

[0007]

In such a configuration, the lid body is provided with the operation display unit, so that the opening of the main body can be provided in a higher position as compared with a conventional opening. Thus, improved ease of

clothing unloading is achieved.

[0008]

According to the configuration of the drum-type washing machine of

CLAIMS

1. A drum-type washing machine comprising:

a main body including, in a front of the main body, an opening where laundry is loaded and unloaded;

a lid body configured to openably cover the opening of the main body and is of quadrangular in external form; and

an operation display unit provided at the lid body, the operation display unit including an input unit and a display, wherein

the operation display unit is provided at an upper part of the lid body;

a side wall of the lid body is mounted with a sash member;

the operation display unit has a width dimension that is equal to a width dimension of the lid body; and

the sash member restricts movement of the operation display unit.

2. The drum-type washing machine according to claim 1, wherein

the lid body is provided with a transparent window cover disposed at a front-face side of the lid body, wherein

the sash member is configured to cover a side face of the window cover.

3. The drum-type washing machine according to claim 1, wherein

an upper surface of the lid body and both sides surfaces of the lid body are exposed when the lid body is closed.

4 The drum-type washing machine according to claim 1, further

comprising:

a coupling member provided at the main body, the coupling member including a support shaft that turnably supports the lid body;

a controller provided at the main body, the controller being configured to control a washing process, a rinsing process, and a spin-drying process; and

a lead wire through which an electric control signal is input and output between the controller and the operation display unit,

wherein the lead wire is extended near a central axis of the support shaft.

5. The drum-type washing machine according to claim 3, further comprising:

a storage part that receives the lead wire; and

a lead wire cover provided with a cutout near the central axis of the support shaft,

wherein the lead wire cover is locked to the coupling member, and the lead wire is drawn from the cutout.

6. The drum-type washing machine according to claim 3 or 4,

wherein the lead wire is locked to the lid body by a fixing pin at a position at a predetermined spacing from a position near the central axis of the support shaft.

7. The drum-type washing machine according to claim 1, wherein the lid body has a width dimension that is equal to a width dimension of the main body.

8. The drum-type washing machine according to claim 7, wherein an upper face of the main body is flush with an upper face of the lid body.

9. The drum-type washing machine according to claim 1, wherein the main body is provided with a coupling member that turnably

supports the lid body; and

the coupling member includes:

an arm extending toward the lid body; and

a support shaft provided at an end of the arm, the support shaft being configured to turnably support the lid body.

10. The drum-type washing machine according to claim 9, wherein the lid body includes:

an opening in which the coupling member is inserted, the opening being provided in a back of the lid body; and

a cover configured to cover the opening.

11. The drum-type washing machine according to claim 1, further omprising a lower panel provided in a position of the main body that is below the lid body to be turnable with respect to the main body,

wherein the lower panel has a width dimension that is equal to a width dimension of the main body.

12. The drum-type washing machine according to claim 1, wherein

the lid body is provided with, at a side face of the main body of an upper part of the lid body, a handle that disengages the lid body from the main body.

13. The drum-type washing machine according to claim 1, wherein the lid body includes:

a window cover including a first area and a second area having lower transparency than the first area;

a window glass mounted on a rear face side of the window cover, the

window glass being formed of transparent material and having a circular

outer periphery; and

a decorative plate provided along the circular outer periphery of the window glass on the rear face side of the window cover.

14. The drum-type washing machine according to claim 1, wherein

the lid body has a width dimension that is equal to a width dimension of the main body, and

the lid body has a front face formed of a window cover of flat shape.