

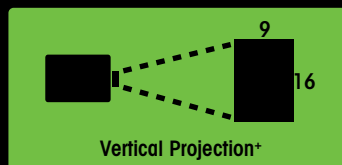
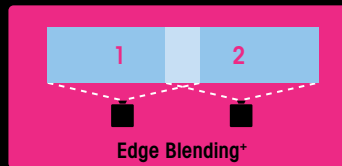
## Outstanding Picture Quality

### Large Venue Installation Models – VPL-F30 Series



**VPL-FH36**  
**VPL-FH31**  
**VPL-FH30**

**VPL-FX37**  
**VPL-FX35**  
**VPL-FX30**



\*Expected maintenance may vary according to usage and models  
\*Stated features may not apply to all models in this series



# High Picture Quality with Installation Flexibility and Hassle-free Maintenance

Packing the most advanced projector technologies into a low-profile design, the VPL-F30 Series projectors are excellent choice, delivering outstanding brightness and high quality images.

These projectors also deliver amazing installation flexibility and hassle-free maintenance in a stylish design that blends into any decor.

They are equipped with an excellent lens shift function and a standard 1.6x zoom lens, making image adjustment easy. They are also compatible with the optional lenses designed to extend the range of installation choices.

The maintenance cycles of the lamp and cleaning filters are synchronized and exceptionally long, which helps to reduce maintenance time and cost. Overall, the VPL-F30 Series delivers a low total cost of ownership, and includes energy efficient features such as a long-lasting lamp and low power consumption.



## Ultra-high WUXGA Resolution with Full-HD Compatibility

**Compatibility** VPL-FH36, VPL-FH31, VPL-FH30 only

The VPL-FH36, VPL-FH31 and VPL-FH30 deliver an amazing resolution of WUXGA (1920 x 1200), which exceeds Full-HD resolution (1920 x 1080).

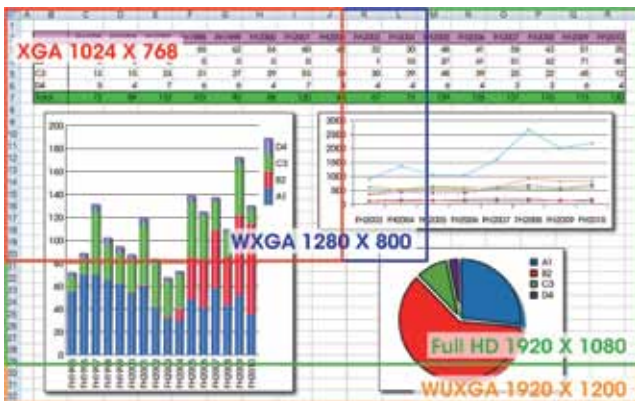


WXGA picture quality



WUXGA picture quality

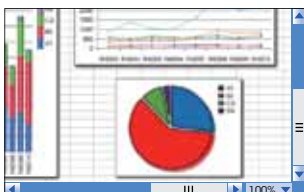
simulated images  
Licensed by Tokyo Tower



These projectors allow projection in a wider display range. More information can be displayed on the screen, so the user can see the whole page without scrolling.

WXGA 1280 x 800

WUXGA 1920 x 1200



Need to scroll during discussion



simulated images

Extremely clear and detailed high-quality images are projected, even on a large screen, and native Full-HD images can be projected full screen. They are the ultimate tool for projecting images in a range of applications requiring exceptional detail.

## Brilliant Colour Performance

The VPL-F30 series combines a new-generation optical system, which uses Sony's BrightEra™ with Long Lasting Optics technology, and a 3LCD projection system to achieve high picture quality. VPL-FH36 and VPL-FH31 are in WUXGA (1920 x 1200) resolution and high brightness of 5,200 lumens. While VPL-FH30 is with the same resolution at 4,300 lumens. VPL-FX37, VPL-FX35 and VPL-FX30 in XGA (1024 x 768) resolution and high brightness of 6,000, 5,000, and 4,200 lumens, respectively.

## High Resolution Lens

The VPL-F30 incorporate a high-resolution lens known as the All Range Crisp Focus (ARC-F) lens. Its large diameter and fine pitch ensure crisp pictures.



ARC-F lens



Normal lens

simulated image

### 12-bit 3D Gamma Correction

The VPL-F30 series incorporates 12-bit 3D Gamma Correction circuitry to perform highly accurate gamma correction achieving smoother gradations and a richer gray scale.

### I/P Conversion and Film Mode

The video signal processing technology in these six models offers I/P conversion and 2-3 pull-down to generate high-quality images with outstanding clarity.

### Installation Advantages

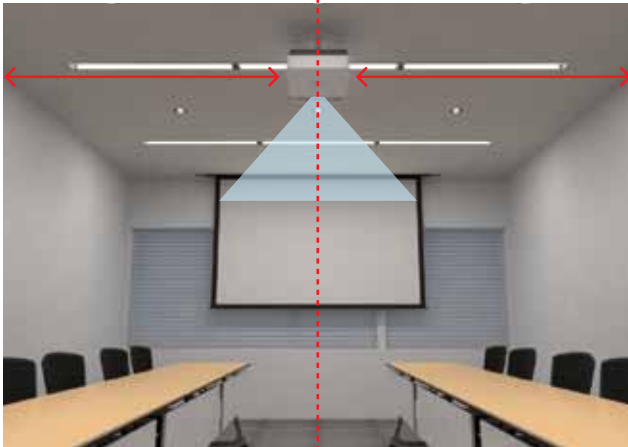
#### Lens Shift Function

The VPL-F30 Series projectors have a Lens Shift function where the position of the projected image can be easily adjusted to the desired settings during installation.

Model	Vertical	Horizontal
VPL-FH36 VPL-FH31 VPL-FH30	Upward 60% Downward 0%	Right 32% Left 32%
VPL-FX37 VPL-FX35 VPL-FX30	Upward 51% Downward 0%	Right 33% Left 33%

#### Centered Lens Design

The centered lens provides symmetry for a balanced installation, and makes setup very simple.

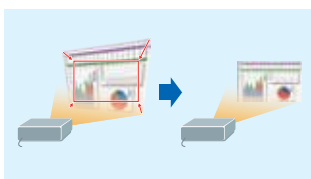


Balanced and symmetrical installation

### Advanced Geometric Correction

VPL-FH36, VPL-FH31 only

Each corner and side can be grabbed and fitted squarely to the desired position. This feature is useful when an offset projection is necessary.



Four corners correction



Four sides correction

simulated images

### Edge Blending VPL-FH36, VPL-FH31 only

Edge Blending enables the installation of multiple projectors to create one large image. With this built-in technology, the image can be seamless and uniform.



For the VPL-FH36 and VPL-FH31.

### “Blend-in” Design

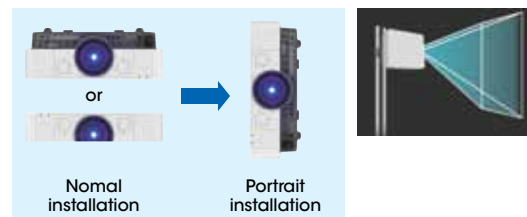
The VPL-F30 Series projectors showcase a newly designed low-profile chassis, so the projector appears to blend into the ceiling or wall on which it is mounted. The connector panel is located on the front of the unit so its cables cannot be seen by the audience.



VPL-FH36 and VPL-FH31 units are available in white or black. Other models are in white.

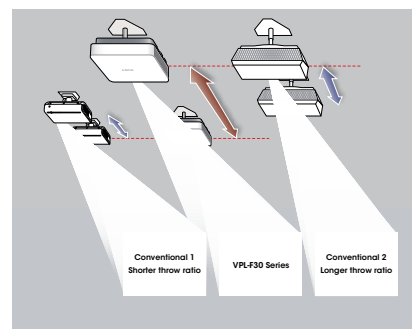
### Portrait Mode VPL-FH31, VPL-FH30 only

The VPL-FH31 and VPL-FH30 are suitable for not only normal installation but also portrait installation, which enables projection of a vertically long screen.



### Convenient, Simple Projector Replacement

The standard 1.6x zoom lens enables installation flexibility when replacing an existing projector with the VPL-FH30 series projectors. There's no need to change ceiling mount positions. For applications where more than a standard lens is needed, these projectors are compatible with the optional VPLL-Z1024 and VPLL-Z1032 accessory lenses.



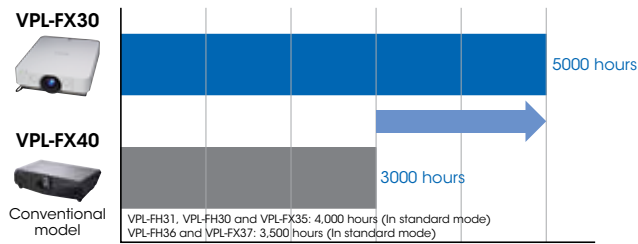
Broad throw ratio simplifies projector replacement



## Good TCO, Energy Efficient Design

### Long-lasting Lamp

By incorporating a newly developed high-performance lamp and advanced lamp-control technology, the VPL-F30 series projectors offer a recommended lamp replacement time of approximately up to 5,000 hours.\*<sup>1</sup>



\*<sup>1</sup> In standard mode.

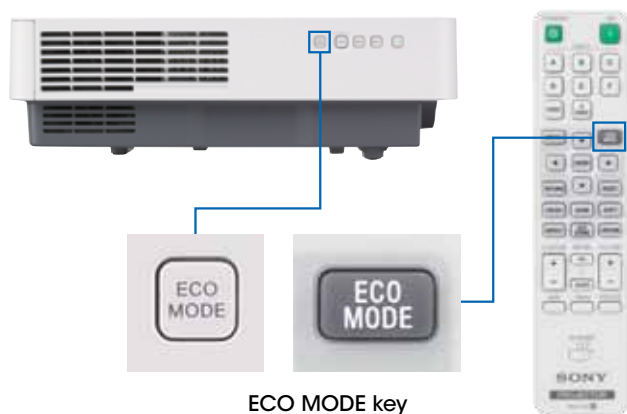
\*<sup>2</sup> The values are approximate.

### Low Power Consumption

These projectors offer remarkably low power consumption, helping users to save on their electricity expenses.

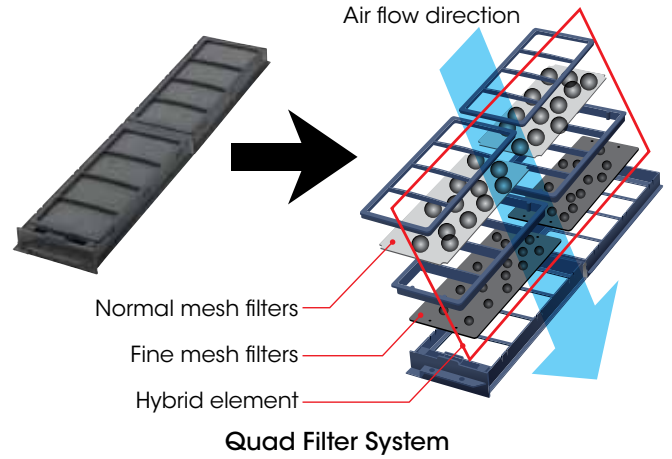
### ECO MODE Key

With a single push of the ECO MODE key on either the projector or the supplied Remote Commander™ unit, user can select an energy-saving setting from the ECO Mode menu.



### Lamp and Filter Synchronized Maintenance

When the air filter must be cleaned, a timely message is displayed on screen. The lamp and the filter are accessible from the same side, so their maintenance can be performed without uninstalling the projector. With typical usage, the filters have an approximate 15000-hour cleaning cycle. This is achieved by a Quad Filter system which means the filters only need to be cleaned when the lamp is changed, even in harsh conditions. This helps to save on maintenance time and cost.



### Other Features VPL-FH36, VPL-FH31, VPL-FH30 only

#### Picture-by-Picture

With this feature, users can project two different images at the same time, greatly expanding creative possibilities and enabling exciting new applications.



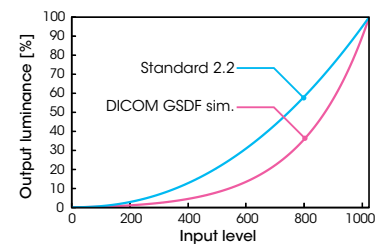
simulated image

#### DICOM GSDF Simulation\* VPL-FH36, VPL-FH31, VPL-FH30 only

The VPL-F30 Series projectors are equipped with a new gamma mode, called DICOM GSDF Simulation. This is ideal for viewing digital medical imagery for non-diagnostic applications.

\* Conforms to GSDF (Grayscale Standard Display Function) medical standards for DICOM (Digital Imaging and Communications in Medicine).

\* This function is for training and reference only, and cannot be used for medical diagnosis.



Gamma curve



Standard 2.2



DICOM GSDF simulation

simulated images

#### Screen Aspect VPL-FH36, VPL-FH31, VPL-FH30 only

When screen and image aspect ratios do not match\*, this function fits the projected image to the screen. So, even when images are switched between different aspect signals, the projected image can always fit the screen.

\* Using the same aspect ratio between screen and projector is ideal.

#### Quiet Noise Operation

Low noise fans designed to produce lower frequency sounds to be less obtrusive

#### Freeze Function

Freezes the projected image

**Digital Zoom Function**

Enlarges a section of the image

**Picture/Audio Muting**

Mutes the image/audio

**Closed Captioning**

Official teletext broadcasting, developed by the NCI, USA

**Security Pack**

Security lock (password and mechanical), security bar, panel key lock, and security label

**Test Pattern Key**

For easy screen adjustment

**ID Mode**

For individual control of multiple projectors

**Audio Monitor Function**

Allows audio to be selected based on input selection

**Smart APA**

Auto pixel alignment

**Direct Power On/Off**

Direct power control using the circuit breaker on the switch board

**High Altitude Mode**

For projector operation at high altitude

**Network and Control**

Controls and monitors projector status  
Compatible with various control systems



**OPTIONAL ACCESSORIES**



**LMP-F272**  
Projector Lamp (for replacement)



**LMP-F230**  
Projector Lamp (for replacement)  
VPL-FX37, VPL-FX35, VPL-FX30 only



**LMP-F331**  
Projector Lamp (for replacement)



**PSS-610**  
Projector Suspension Support



**VPLL-Z1024**  
Projector Lens



**VPLL-Z1032**  
Projector Lens



**PK-F30LA1**  
Projector Lens Adapter

**OPTIONAL LENSES**

Projection lens	VPLL-Z1024		VPLL-Z1032	
	VPL-FX37/FX35/FX30	VPL-FH36/FH31/FH30	VPL-FX37/FX35/FX30	VPL-FH36/FH31/FH30
Models	VPL-FX37/FX35/FX30	VPL-FH36/FH31/FH30	VPL-FX37/FX35/FX30	VPL-FH36/FH31/FH30
Throw ratio	2.38 to 3.26	2.34 to 3.19	3.24 to 4.95	3.18 to 4.84
Zoom / Focus	Manual / Manual		Manual / Manual	
Lens shift	Vertical: Upward 51% to Downward 0% Horizontal: Right 33% to Left 33%	Vertical: Upward 60% to Downward 0% Horizontal: Right 32% to Left 32%	Vertical: Upward 51% to Downward 0% Horizontal: Right 33% to Left 33%	Vertical: Upward 60% to Downward 0% Horizontal: Right 32% to Left 32%
Aperture	f/2.00 to 2.30		f/2.00 to 2.40	
Screen size*	40" to 600"		40" to 600"	
Dimensions	W 97 x H 87 x D 180 mm (W 3 13/16 x H 3 7/16 x D 7 3/32 in)		W 97 x H 87 x D 177 mm (W 3 13/16 x H 3 7/16 x D 6 31/32 in)	
Mass	1.1 kg / 2 lb 7 oz		1.1 kg / 2 lb 7 oz	
Required projection lens adapter	PK-F30LA1		PK-F30LA1	

\* Viewable area, measured diagonally.

# PRESET SIGNAL CHART

## Computer Signal

Resolution	fH [kHz]/ fV [Hz]	Input connector	
		RGB <sup>1</sup>	DVI-D <sup>2</sup> /HDMI <sup>3</sup>
640 x 350	31.5/70	●	—
	37.9/85	●	—
640 x 400	31.5/70	●	—
	37.9/85	●	—
640 x 480	31.5/60	●	●
	35.0/67	●	—
	37.9/73	●	—
	37.5/75	●	—
	43.3/85	●	—
	35.2/56	●	—
800 x 600	37.9/60	●	●
	48.1/72	●	—
	46.9/75	●	—
	53.7/85	●	—
	49.7/75	●	—
832 x 624	48.4/60	●	●
	56.5/70	●	—
1024 x 768	60.0/75	●	—
	68.7/85	●	—
	64.0/70	●	—
1152 x 864	67.5/75	●	—
	77.5/85	●	—
1152 x 900	61.8/66	●	—
1280 x 960	60.0/60	●	●
	75.0/75	●	—
1280 x 1024	64.0/60	●	●
	80.0/75	●	—
	91.1/85	●	—
1400 x 1050	65.3/60	●	●
1600 x 1200	75.0/60	●	●
1280 x 768	47.8/60	●	●
1280 x 720	45.0/60	●	● <sup>6</sup>
1920 x 1080	67.5/60	—	● <sup>6</sup>
1366 x 768	47.7/60	●	●
1440 x 900	55.9/60	●	●
1680 x 1050	65.3/60	●	●
1280 x 800	49.7/60	●	●
1920 x 1200	74.0/60	● <sup>5</sup>	● <sup>5</sup>
1600 x 900	60.0/60	● <sup>5</sup>	● <sup>5</sup>

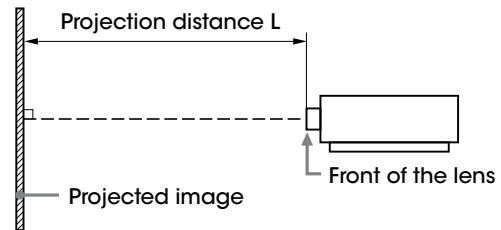
## Digital TV Signal

Signal	fV [Hz]	Input connector	
		RGB/YpBPr <sup>4</sup>	DVI-D <sup>2</sup> /HDMI <sup>3</sup>
480i	60	●	●
576i	50	●	●
480p	60	●	●
576p	50	●	●
1080i	60	●	●
1080i	50	●	●
720p	60	●	● <sup>6</sup>
720p	50	●	●
1080p	60	—	● <sup>6</sup>
1080p	50	—	●
1080p	24	—	●

## Analog TV Signal

Signal	fV [Hz]	Input connector
		VIDEO/S VIDEO
NTSC	60	●
PAL/SECAM	50	●

- \*1: INPUT A, INPUT B
  - \*2: INPUT C - **VPL-FX37, VPL-FX35, VPL-FX30 only**
  - \*3: INPUT D - **VPL-FH36, VPL-FH31, VPL-FH30 only**
  - \*4: INPUT A
  - \*5: Available for VESA Reduced Blanking signals only.
  - \*6: INPUT C is determined as a computer signal; INPUT D is determined as a digital TV signal.
- When a signal other than the signals listed in the table is input, the picture may not be displayed properly.
- An input signal meant for a screen resolution different to that of the panel will not be displayed in its original resolution. Text and lines may be uneven.
- Some actual values may differ slightly from the design values given in the table.



# INSTALLATION DIAGRAM

## Projection Distance **VPL-FX37, VPL-FX35, VPL-FX30 only**

Unit: m (inches)

Projection image size		Projection distance L		
Diagonal	Width x Height	Standard lens	VPLL-Z1024	VPLL-Z1032
80-inch (2.03 m)	1.63 x 1.22 (64 x 48)	2.31 – 3.69 (91 – 145)	3.85 – 5.28 (152 – 207)	5.24 – 8.01 (207 – 315)
100-inch (2.54 m)	2.03 x 1.52 (80 x 60)	2.89 – 4.62 (114 – 182)	4.84 – 6.62 (191 – 260)	6.59 – 10.05 (260 – 395)
120-inch (3.05 m)	2.44 x 1.83 (96 x 72)	3.48 – 5.56 (137 – 218)	5.83 – 7.97 (230 – 313)	7.94 – 12.09 (313 – 476)
150-inch (3.81 m)	3.05 x 2.29 (120 x 90)	4.36 – 6.96 (172 – 274)	7.31 – 9.98 (288 – 393)	9.95 – 15.14 (392 – 596)
200-inch (5.08 m)	4.06 x 3.05 (160 x 120)	5.83 – 9.29 (230 – 366)	9.77 – 13.34 (385 – 525)	13.32 – 20.24 (525 – 797)

## Projection Distance **VPL-FH36, VPL-FH31, VPL-FH30 only**

Unit: m (inches)

Projection image size		Projection distance L		
Diagonal	Width x Height	Standard lens	VPLL-Z1024	VPLL-Z1032
80-inch (2.03 m)	1.72 x 1.08 (68 x 42)	2.39 – 3.83 (95 – 150)	4.00 – 5.48 (158 – 215)	5.45 – 8.32 (215 – 327)
100-inch (2.54 m)	2.15 x 1.35 (85 x 53)	3.00 – 4.80 (119 – 189)	5.03 – 6.87 (198 – 270)	6.84 – 10.43 (270 – 410)
120-inch (3.05 m)	2.58 x 1.62 (102 x 64)	3.61 – 5.77 (143 – 227)	6.05 – 8.27 (238 – 325)	8.24 – 12.55 (325 – 494)
150-inch (3.81 m)	3.23 x 2.02 (127 x 79)	4.53 – 7.22 (179 – 284)	7.59 – 10.36 (299 – 408)	10.33 – 15.72 (407 – 619)
200-inch (5.08 m)	4.31 x 2.69 (170 x 106)	6.05 – 9.64 (238 – 379)	10.15 – 13.85 (400 – 545)	13.82 – 21.00 (544 – 827)

# SPECIFICATIONS

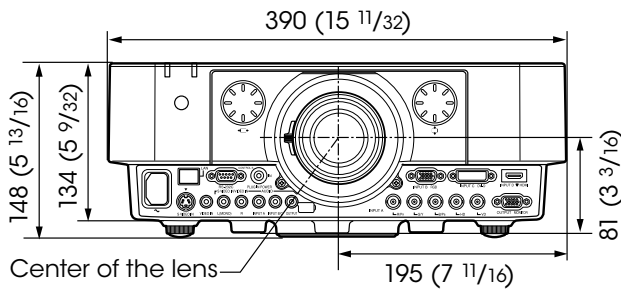
		VPL-FX37	VPL-FX35	VPL-FX30
Display system		3 LCD system		
Display device	Size	0.79" (20.1 mm) x 3, Aspect ratio: 4:3		
	Number of pixels	2,359,296 (1024 x 768 x 3) pixels		
Projection lens	Zoom	Manual (Approx. 1.6 x)		
	Focus	Manual		
	Lens shift	Manual, Vertical: Upward 51% to Downward 0%, Horizontal: Right 33% to Left 33%		
Light source		High-pressure mercury lamp 330 W type	High-pressure mercury lamp 275 W type	High-pressure mercury lamp 230 W type
Recommended lamp replacement time*1		2500 H (Lamp mode: High) 3500 H (Lamp mode: Standard)	3000 H (Lamp mode: High) 4000 H (Lamp mode: Standard)	4000 H (Lamp mode: High) 5000 H (Lamp mode: Standard)
Filter cleaning cycle		Max. 15000 H*1. Same time as the lamp replacement is recommended		
Screen size		40" to 600" (1.02 m to 15.24 m)		
Light output		6000 lm (Lamp mode: High)	5000 lm (Lamp mode: High)	4200 lm (Lamp mode: High)
Color light output		6000 lm (Lamp mode: High)	5000 lm (Lamp mode: High)	4200 lm (Lamp mode: High)
Contrast ratio (full white / full black)*2		2000:1		
Displayable scanning frequency	Horizontal	14 kHz to 93 kHz		
	Vertical	47 Hz to 93 Hz		
Display resolution		Maximum display resolution: 1920 x 1200 dots*3		
Video signal input		NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p		
Color system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60		
Keystone correction		Vertical: Max. +/- 30 degrees*4		
OSD language		20-languages English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi		
INPUT OUTPUT (Computer / Video / Control)	INPUT A	RGB / Y Pb Pr input connector: 5BNC, Audio input connector: Stereo mini jack		
	INPUT B	RGB input connector: Mini D-sub 15-pin, Audio input connector: Stereo mini jack (shared with INPUT C)		
	INPUT C	DVI-D input connector: DVI-D 24-pin (Single link), supported HDCP, Audio input connector: Stereo mini jack (shared with INPUT B)		
	S VIDEO IN	S video input connector: Mini DIN 4-pin, Audio input connector: Pin jack (x2) (shared with VIDEO IN)		
	VIDEO IN	Video input connector: Pin jack, Audio input connector: Pin jack (x2) (shared with S VIDEO IN)		
	OUTPUT	Monitor output connector*5: Mini D-sub 15-pin, Audio output connector*6: Stereo mini jack (variable out)		
	REMOTE	RS-232C connector: D-sub 9-pin (female)		
	LAN	LAN connector: RJ45, 10BASE-T/100BASE-TX		
	CONTROL S	Control S input connector: Stereo mini jack, Plug in power DC5V		
	Operating temperature / Operating humidity		0°C to 40°C (32°F to 104°F) / 35% to 85% (no condensation)	
Storage temperature / Storage humidity		-20°C to +60°C (-4°F to +140°F) / 10% to 90% (no condensation)		
Power requirements		AC 100 V to 240 V, 4.5 A to 1.8 A, 50/60 Hz	AC 100 V to 240 V, 3.8 A to 1.6 A, 50/60 Hz	AC 100 V to 240 V, 3.3 A to 1.3 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	450 W	380 W	330 W
	AC 220 V to 240 V	430 W	360 W	310 W
Standby mode power consumption	AC 100 V to 120 V	11 W (Standby mode: Standard) / 0.15 W (Standby mode: Low)		
	AC 220 V to 240 V	12 W (Standby mode: Standard) / 0.3 W (Standby mode: Low)		
Heat dissipation	AC 100 V to 120 V	1536 BTU	1297 BTU	1126 BTU
	AC 220 V to 240 V	1467 BTU	1228 BTU	1058 BTU
Outside dimensions		W 390 x H 134 x D 463 mm (W 15 11/32 x H 5 9/32 x D 18 7/32 in) (without protrusions)		
Mass		8.1 kg / 17 lb 14 oz	8.0 kg / 17 lb 10 oz	7.9 kg / 17 lb 7 oz
Supplied accessories		RM-PJ19 Remote Commander (1), Size AA (R6) batteries (2), AC power cord (1), Cable ties (2), Quick Reference Manual (1), Security Label (1), Operating Instructions (1)		
Replacement lamp		LMP-F331	LMP-F272	LMP-F230

\*1 The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used. \*2 The value is average. \*3 Available for VESA Reduced Blanking signal. \*4 Depends on resolution. This projector tilt angle is up to +/- 15 degrees. \*5 From INPUT A and INPUT B. \*6 Works as an audio switcher function. Output from a selected channel; not available in standby.

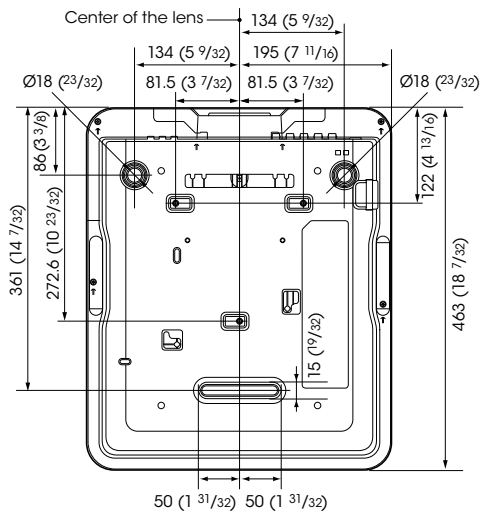
## DIMENSIONS

Unit: mm (inches)

Front



Bottom

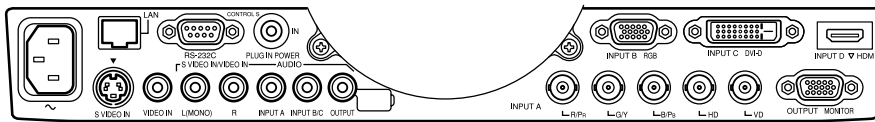


# SPECIFICATIONS

		VPL-FH36	VPL-FH31	VPL-FH30
Display system		3 LCD system		
Display device	Size of effective display area	0.76" (19.3 mm) x 3, BrightEra, Aspect ratio: 16:10		
	Number of pixels	6,912,000 (1920 x 1200 x 3) pixels		
Projection lens	Zoom	Manual (Approx. 1.6 x)		
	Focus	Manual		
	Lens shift	Manual, Vertical: Upward 60% to Downward 0%, Horizontal: Right 32% to Left 32%		
Light source		High-pressure mercury lamp 330 W type	High-pressure mercury lamp 275 W type	
Recommended lamp replacement time*1		2500 H (Lamp mode: High) 3500 H (Lamp mode: Standard)	3000 H (Lamp mode: High) 4000 H (Lamp mode: Standard)	
Filter cleaning cycle		Max. 15000 H*1		
Screen size		Same time as the lamp replacement is recommended 40" to 600" (1.02 m to 15.24 m)		
Light output*7		5200 lm (Lamp mode: High) 3900 lm (Lamp mode: Standard)	4300 lm (Lamp mode: High) 3400 lm (Lamp mode: Standard)	
Color light output		5200 lm (Lamp mode: High) 3900 lm (Lamp mode: Standard)	4300 lm (Lamp mode: High) 3400 lm (Lamp mode: Standard)	
Contrast ratio (full white / full black)*2		2000:1		
Displayable scanning frequency	Horizontal	14 kHz to 93 kHz		
	Vertical	47 Hz to 93 Hz		
Display resolution	Computer signal input	Maximum display resolution: 1920 x 1200 dots*3, Panel display resolution: 1920 x 1200 dots		
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p		
Color system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60		
Keystone correction		Vertical: Max. +/- 30 degrees		Vertical: Max. +/- 5 degrees
OSD language		23-languages*6: English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi, Indonesian, Finnish, Hungarian		
Computer and video signal input/output	INPUT A	RGB / Y Pb Pr input connector: 5BNC (female), Audio input connector: Stereo mini jack		
	INPUT B	RGB input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack (shared with INPUT C)		
	INPUT C	DVI-D input connector: DVI-D 24-pin (Single link), supported HDCP, Audio input connector: Stereo mini jack (shared with INPUT B)		
	INPUT D	HDMI input connector: Digital RGB/Y Pb Pr, Digital Audio, supported HDCP: PCN (32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz)		
	S VIDEO IN	S video input connector: Mini DIN 4-pin, Audio input connector: Pin jack (x2) (shared with VIDEO IN)		
	VIDEO IN	Video input connector: Pin jack, Audio input connector: Pin jack (x2) (shared with S VIDEO IN)		
	OUTPUT	Monitor output connector*4: Mini D-sub 15-pin (female), Audio output connector*5: Stereo mini jack (variable out)		
Control signal input/output		RS-232C connector: D-sub 9-pin (female) LAN connector: RJ-45, 10BASE-T/100BASE-TX Control S input connector: Stereo mini jack, Plug in power DC 5 V		
Operating temperature (Operating humidity)		0°C to 40°C / 32°F to 104°F (35% to 85%; no condensation)		
Storage temperature (Storage humidity)		-20°C to +60°C / -4°F to +140°F (10% to 90%)		
Power requirements		AC 100 V to 240 V, 4.6 A to 1.9 A, 50/60 Hz		AC 100 V to 240 V, 4 A to 1.6 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	460 W		400 W
	AC 220 V to 240 V	440 W		380 W
Standby mode power consumption	AC 100 V to 120 V	9.2 W (Standby mode: Standard) 0.15 W (Standby mode: Low)		9 W (Standby mode: Standard) 0.15 W (Standby mode: Low)
	AC 220 V to 240 V	10.4 W (Standby mode: Standard) 0.3 W (Standby mode: Low)		10 W (Standby mode: Standard) 0.3 W (Standby mode: Low)
Heat dissipation	AC 100 V to 120 V	1570 BTU		1365 BTU
	AC 220 V to 240 V	1501 BTU		1297 BTU
Outside dimensions		W 390 x H 148 x D 477 mm (W 15 11/32 x H 5 13/16 x D 18 25/32 in) W 390 x H 134 x D 463 mm (W 15 11/32 x H 5 9/32 x D 18 7/32 in) (without protrusions)		
Mass		8.3 kg / 18 lb 5 oz		8.2 kg / 18 lb 1 oz
Supplied accessories		RM-PJ19 Remote Commander (1), Size AA (R6) batteries (2), AC Power Cord (1), Cable ties (2), Quick Reference Manual (1), Security Label (1), Operating Instructions (1)		
Replacement lamp		LMP-F331		LMP-F272

\*1 The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used. \*2 This value is average. \*3 Available for the VESA Reduced Blanking signal. \*4 From INPUT A and INPUT B. \*5 Works as an audio switcher function. Output from a selected channel; not available in standby. \*6 VPL-FH30 is 20-languages. There are not Indonesian, Finnish, and Hungarian. \*7 ISO 21118

## CONNECTOR PANEL VPL-FH36, VPL-FH31, VPL-FH30 only



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