



## Clifton Cameras Product Specification

### Pentax AF180FG Auto Flash Full Spec

Type	Clip-on, P-TTL auto flash unit with series control	
Compatible Cameras	Pentax Digital SLR-cameras GR3 series cameras	
Flash Mode	P-TTL auto (Leading curtain sync, Trailing curtain sync), Manual (Flash output setting: FULL, 1/4)	
Manual guide number [ISO100 • m]	18 25	
Manual guide number [ISO200 • m]		
Flash coverage angle	Full frame APS-C size Q series 645Z/645D	24mm / 20mm* 16mm / 13mm* 4mm / 3mm* 30mm / 25mm*
	Vertical Angle Horizontal Angle	53° / 85° * 70° / 98° *
Bounce flash	Vertical bounce possible, click stops provided, need to release the bounce lock for -10°. Upward: 0°, 30°, 45°, 60°, 75°, 90°, 105°, 120°, 135° Downward: 0°, -10°	
Wide-angle panel	Pull out manually	
Recycling time/ Total number of flashes	<ul style="list-style-type: none"> <li>• Approx. 6 sec. Approx. 100 (AAA Alkaline (LR03))</li> <li>• Approx. 5 sec. Approx. 130 (AAA Nickel-Metal Hydride (Ni-MH) (800mAh))</li> </ul>	
Power source	<ul style="list-style-type: none"> <li>• Two AAA Alkaline (LR03)</li> <li>• Two AAA Nickel-Metal Hydride (Ni-MH)</li> </ul>	
Size and weight	Approx. 65mm (W) × 72.5mm (H) × 31mm (T) (2.6" × 2.9" × 1.2") Approx. 141 g (5.0 oz.) without batteries	
Other functions	<ul style="list-style-type: none"> <li>• Dustproof, weather-resistant structure</li> <li>• Automatic power-off (180 sec.)</li> <li>• Trailing-shutter sync mode</li> </ul>	
Supplied accessory	Case O-AC149	
* When the wide-angle panel is used		

#### PRODUCT INFORMATION

Product	PENTAX AF180FG W/CASE
Art. No.	30408
UPC Code	0027075310698
Bundled Accessories:	
Art. No. 30449	Case O-AC149
PACKAGING INFORMATION	
Dimensions:	115 x 57 x 160mm (Width x Depth x Height)
Weight:	225g