

Wollensak

RAPTAR SERIES II f4.5 LENSES



PORTRAIT

ACTION

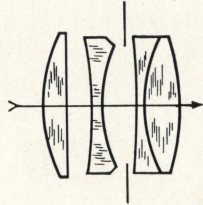
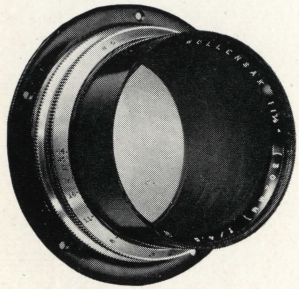
PICTORIAL

GROUP

COMMERCIAL

COPYING

THE *Wollensak* RAPTAR SERIES II *f*4.5 LENSES . . .




FOR THE professional . . . commercial . . . news . . . and advanced amateur photographer . . . the Wollensak Raptar Series II *f*4.5 offers finely corrected high-speed lenses of unusual versatility.

Every Raptar Series II lens is specially corrected for spherical and chromatic aberration, coma, distortion and astigmatism.

These precise corrections, plus the advantages of speed and sharp definition, enable the Raptar Series II to fill the exacting requirements of full-color photography, as well as the demands of black-and-white home and studio portraiture, commercial and speed photography, pictorial photography, and copying work.

IMPORTANT NEW IMPROVEMENTS . . . to help you make better pictures

- Wollensak skill and experience in precision optical manufacture have made possible major improvements now offered in the Raptar Series II *f*4.5 line. As a result, the new Wollensak Raptar Lenses are the finest ever produced by Wollensak's optical engineers and skilled craftsmen for the peacetime photographer.

For example, in the design of every Raptar Series II lens special attention has been given to greatly increase resolving power . . . a chief factor in giving you finer definition especially when your negatives are to be enlarged. Also, every Raptar lens is treated with Wollensak anti-reflection hard coating, WOCOTE, (indicated by the symbol  on every Raptar lens). This coating effectively reduces internal reflections and flare . . . greatly increases image contrast and brilliance . . . sharpens detail . . . produces purer, richer colors in full-color photography.

The many uses of the Raptar Series II are outlined on the following pages. Whatever your special requirements, you'll find Raptar quality means outstanding lens performance.

Your dealer will be glad to recommend Raptar Series II lenses in the correct focal length for your specific needs.

*fast, all purpose lenses
for your many
picture-making needs*

- Here's a striking demonstration of how WOCOTE reduces flare and fogging despite unfavorable lighting conditions. Both are unretouched photos taken at the same time with Wollensak lenses—one WOCOTED, the other uncoated.



Wollensak RAPTAR SERIES II f4.5 LENSES . . .

for the professional, commercial and news photographer

PORTRAITURE AND GROUP SHOTS. In portraiture, especially child photography, a fast lens is essential. The high speed of the Raptar Series II f4.5 Lenses, their extreme flatness of field and fine anastigmat corrections, make them extremely effective in portrait and general studio work. Photographers specializing in full-color portraiture will appreciate the rich, true colors which can be achieved with these highly corrected, anti-reflection-treated lenses.

The same lens characteristics which achieve outstanding results in individual portraiture enable the Raptar Series II to produce excellent group portraits.

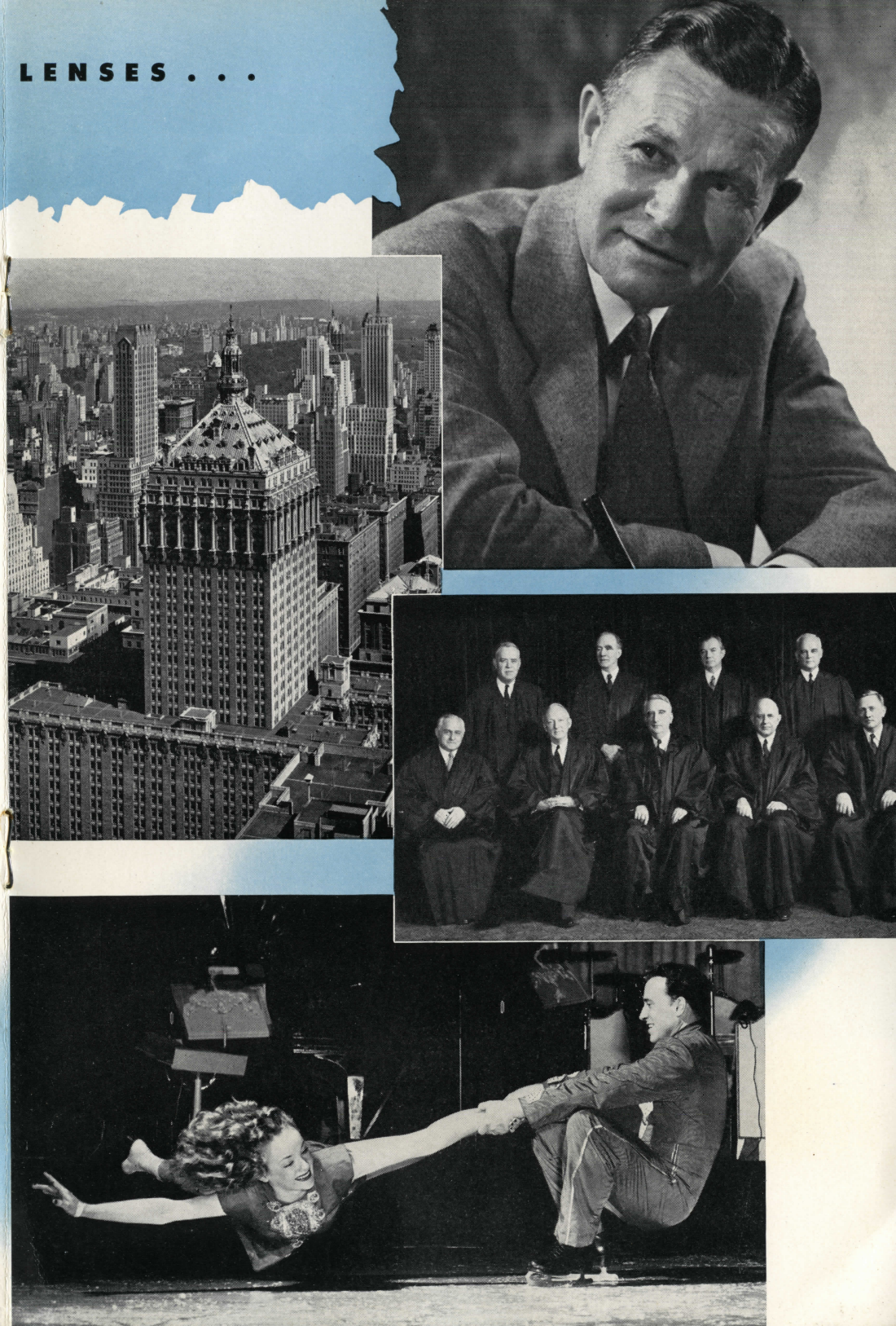
For large head and bust portraits and standing figures, the Series II offers a wide range of lenses in the longer focal lengths. In selecting a lens to be used chiefly for portrait work, it is advisable to choose a lens at least one size larger than the plate for which it is listed, to obtain the pleasing perspective and drawing produced by a long focus lens.

ACTION PHOTOGRAPHS. For news and feature photography, sports, industrial, and other action photography, the Raptar Series II offers the important advantages of high speed and excellent covering power. Used at fast shutter speeds, even in poor light, it produces negatives with sparkling, clean-cut definition. Anti-reflecting WOCOTE treatment cuts down internal reflections and resulting flare, especially when pictures must be taken against the light.

Raptar Series II lenses can be fitted to popular press-type cameras; for synchronized flash, they should be mounted in Wollensak high-speed Rapax Shutters (see Page 8).

COMMERCIAL PHOTOGRAPHY. The longer focal length lenses in the Raptar Series II provide the true perspective so important in demanding commercial assignments. By stopping down slightly, satisfactory depth of field can be obtained for most commercial purposes. Anti-reflection treatment makes possible studio lighting effects heretofore unobtainable.

PICTORIAL PHOTOGRAPHY. Here the crisp, brilliant images . . . edge-to-edge sharpness . . . and fine shadow detail offered by the Raptar Series II are major advantages. In full-color pictorial work, the Raptar's speed, fine corrections, and anti-reflecting hard coating help to achieve crisply-defined, "true" colors.



Wollensak RAPTAR SERIES II f4.5 LENSES...

for the advanced amateur photographer

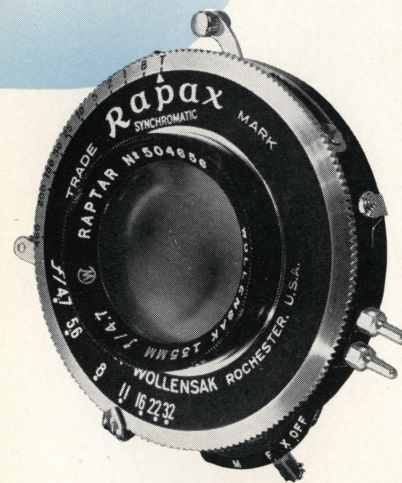
PICTORIAL WORK OF SALON QUALITY. The advanced amateur will welcome the important advantages offered by the Raptar Series II—the precise optical corrections, fine definition and flat field essential to technical excellence . . . the speed needed for color photography and much black-and-white pictorial work . . . the anti-reflection feature so important in reducing internal reflections and improving photographic quality.

HOME PORTRAITURE. Compact and easy to handle, the Raptar Series II produces excellent portraits, helps to overcome the space and lighting limitations usually encountered in home portraiture. Its moderate focal length permits working within the confines of the average home; its fast speed and anti-reflection-coated surfaces surmount the ever-present difficulty of unfavorable lighting.

CANDID PHOTOGRAPHY. The speed and anti-reflection features of the Raptar Series II are important aids in photographing unposed subjects. For synchronized flash work, the Series II may be mounted in a Wollensak high-speed Rapax Shutter (see Page 8).

COPYING. Because of its flat field, the versatile Raptar Series II can successfully be used for copying. With surprisingly quick exposures, it will faithfully reproduce fine detail . . . produce prints of all-over sharpness.

NOTE: You will find the name "Wollensak" on the lenses and shutters of many of the finer cameras ranging from the 35mm size to the larger press and view cameras. Since the lens and shutter play such an important part in a camera's performance, you can realize that the leading camera manufacturers who select Wollensak lenses and shutters do so only after exhaustive tests. When you buy a camera, look for the name Wollensak—it is your guarantee of superb optical and mechanical performance.



SPECIFICATIONS

Catalog Number	Size Inch	Equiv. Focus		Barrel	Rapax	Alphax	Betax
		Inch	mm				
000	1 x 1½	2	50	x		x	
00	1⅝ x 2½	3	75	x	x	x	
0	2¼ x 3¼	3½	90	x	x	x	
0-1	2¼ x 3¼	4	101	x	x	x	
1	3¼ x 4¼	5	127	x	x		x
*1-2	4 x 5	5⅝	135	x	x		x
2	4 x 5	6⅜	162	x	x	x	
3	5 x 7	7½	190	x		x	
3a	5 x 8	8¼	210	x			x
4	6½ x 8½	9½	241	x			x
5	8 x 10	11⅞	302	x			x

*Speed *f*4.7

SUPPLIED IN BARREL OR SHUTTER MOUNTING

- All lenses in the Raptar Series II *f*4.5 group are available in barrel or shutter mountings.

Wollensak lens barrels are constructed with the precision characteristic of all Wollensak products. Every Wollensak barrel is guaranteed for perfect concentricity, to assure best results from the photographic objective. Each barrel is supplied with iris diaphragm made of special non-warping, long-lasting metal.

Wollensak
MEANS FINE LENSES

OPTICAL CO. • ROCHESTER 5, N. Y.