

FIBA levels of the FS and FC series scoreboards

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1. Introduction

This document lists the models of the FS and FC series scoreboards that satisfy the various levels of basketball competitions as defined by the FIBA (Fédération Internationale de Basketball) regulations. Please note that these scoreboards are built in conformity with the official FIBA specifications and have the FIBA Certificate of Approval (see Section 8, page 10).

1.1. FIBA competitions levels

FIBA defines the followings competition levels (“Official Basketball Rules 2014”, “FIBA Book 2 - Competitions”):

Level 1. High level competitions

- a) The Olympic Tournaments;
- b) The World Olympic Qualifying Tournaments, for Men and Women;
- c) The FIBA World Championships, for Men and Women;
- d) The FIBA Under-19 and Under-17 World Championships for Men and Women;
- e) All Zone Championships, including all qualifying games and tournaments for these championships.

Level 2. Medium level competitions

- f) The Official cups and tournaments of FIBA;
- g) The international cups and tournaments sanctioned and officially recognized by FIBA and included in the international calendar;
- h) The high level competitions of the national federations.

Level 3. Other competitions

- i) All other competitions not included in the above.

According to the level of the FIBA competitions, it needs to use one or more models to obtain the suitable scoreboard: see the chapters 4, 5, 6 e 7.

2. Characteristics of the FS series scoreboards

Following are listed the essential characteristics of the various FS series scoreboards (in cm).

		FS-120 (art.240)	FS-130 (art.242)	FS-120N (art.240N)	FS-130N (art.242N)	FS-412B (art.260B)	FS-412C (art.260C)	FS-412D (art.260D)	FS-412E (art.260E)	FS-412F (art.260F)	FS-414B (art.262B)	FS-414C (art.262C)	FS-414D (art.262D)	FS-414E (art.262E)	FS-414F (art.262F)	
Team score	Height	30	30	30	30											
	Width	15	15	15	15											
Chronometer	Height	30	30	30	30											
	Width	15	15	15	15											
Team fouls	Height	30	30	30	30											
	Width	15	15	15	15											
Period	Height	30	30	30	30											
	Width	15	15	15	15											
Timeout	Diameter	8	8	8	8											
Team name	Height			15	15											
	Characters No. ²			8	8											
Player number for last foul	Height		30		30											
	Width		15		15											
Last foul	Height		30		30											
	Width		15		15											
Player number	Height					15	15	15	15		15	15	15	15	15	15
	Width					7	7	7	7		7	7	7	7	7	7
Player fouls	Height					3,5 ¹	3,5 ¹	15	15		3,5 ¹	3,5 ¹	15	15	15	15
	Width							7	7				7	7	7	7
Player points	Height						15		15			15		15	15	15
	Width						7		7			7		7	7	7
Player name	Height									15						15
	Characters No. ³									12						12

(1) Diameter of the point

(2) Per team

(3) Per player

3. Characteristics of the FC scoreboards

Following are listed the essential characteristics of the various FC series scoreboards (in cm).

		FC50H20 (art.3045020)	FC54H20 (art.3045420)	FC56H20 (art.3045620)	FC50H25 (art.3045025)	FC50H25N (art.3045025N)	FC54H25 (art.3045425)	FC54H25N (art.3045425N)	FC60H25N (art.3046025N)	FC62H25N (art.3046225N)	FC54H25N12A1 (art.3045425N12A1)	FC56H25-12A1 (art.3045625-12A1)	FC60H25N12B2 (art.3046025N12B2)	FC62H25N12B2 (art.3046225N12B2)
Team score	Height	20	20	20	25	25	25	25	25	25	25	25	25	25
	Width	10	10	10	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5
Chronometer	Height	20	20	20	25	25	25	25	25	25	25	25	25	25
	Width	10	10	10	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5
Team fouls	Height	15	15	15	20	20	20	20	20	20	20	20	20	20
	Width	7,5	7,5 ³	7,5	10	10	10 ³	10 ³	10	10	10 ³	10	10	10
Period	Height	15	15	15	20	20	20	20	20	20	20	20	20	20
	Width	7,5	7,5	7,5	10	10	10	10	10	10	10	10	10	10
Timeout	Diameter	1,5	1,5	1,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Team name	Height Characters No. ¹					16 6		16 6	16 6	16 6	16 6		16 6	16 6
Penalty time	Height		15	15			20	20	15	15	20	20		
	Width		7,5	7,5			10	10	7,5	7,5	10	10		
Penalized player No.	Height								15	15			15	15
	Width								7,5	7,5			7,5	7,5
Player No.	Height										8,3	8,3	10	10
	Width										4,1 ²	4,1 ²	5	5
Player fouls	Diameter										2,5	2,5	2,5	2,5

(1) Per team

(2) Not programmable

(3) Shared with penalty time

4. Scoreboards for LEVEL 1 FIBA competitions (high level)

The scoreboards of the following compositions are built in conformity with the FIBA specifications for the level 1 competitions and have the FIBA Certificate of Approval (see Section 8). Please note that, for the side panels, every article code includes a couple of panels; for instance, the code FS-412F (art.260F) includes both the panels, right and left, for the visualization of the players' names.

For 14 players
Dimensions: 730 x 340 x 11.5 cm
Weight: 359 kg

Fig. 1: **FS-130N** (art.242N) + **FS-414C** (art.262C) + **FS-414F** (art.262F)

For 14 players
Dimensions: 650 x 300 x 11.5 cm
Weight: 390 kg

Fig. 2: **FS-130N** (art.242N) + **FS-414E** (art.262E) + **FS-414F** (art.262F)

For 14 players
Dimensions: 730 x 340 x 11.5 cm
Weight: 358,5 kg

Fig. 3: **FS-120N** (art.240N) + **FS-414C** (art.262C) + **FS-414F** (art.262F)

For 14 players
Dimensions: 650 x 300 x 11.5 cm
Weight: 389,5 kg

Fig. 4: **FS-120N** (art.240N) + **FS-414E** (art.262E) + **FS-414F** (art.262F)

FS-412F	FS-412C	FS-130N	FS-412C	FS-412F																																																																																																																																																																														
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For 12 players
Dimensions: 730 x 260 x 11.5 cm
Weight: 303,5 kg

Fig. 5: FS-130N (art.242N) + FS-412C (art.260C) + FS-412F (art.260F)

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For 12 players
Dimensions: 650 x 240 x 11.5 cm
Weight: 329 kg

Fig. 6: FS-130N (art.242N) + FS-412E (art.260E) + FS-412F (art.260F)

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For 12 players
Dimensions: 730 x 260 x 11.5 cm
Weight: 303 kg

Fig. 7: FS-120N (art.240N) + FS-412C (art.260C) + FS-412F (art.260F)

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For 12 players
Dimensions: 650 x 240 x 11.5 cm
Weight: 328.5 kg

Fig. 8: FS-120N (art.240N) + FS-412E (art.260E) + FS-412F (art.260F)

5. Scoreboards for LEVEL 2 FIBA competitions (medium level)

The scoreboards of the following compositions are built in conformity with the FIBA specifications for the level 2 competitions and have the FIBA Certificate of Approval (see Section 8). Please note that, for the side panels, every article code includes a couple of panels, the left one and the right one.



Fig. 9: **FS-130N** (art.242N) + **FS-414B** (art.262B)

For 14 players
Dimensions:
440x320x11.5 cm
Weight: 151 kg

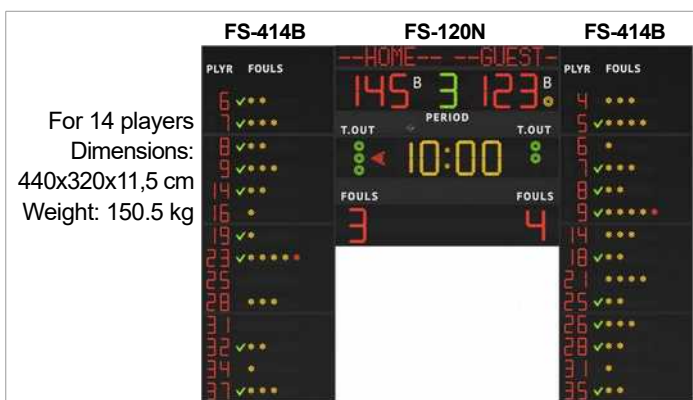


Fig. 10: **FS-120N** (art.240N) + **FS-414B** (art.262B)

For 14 players
Dimensions:
440x320x11,5 cm
Weight: 150.5 kg



Fig. 11: **FS-130N** (art.242N) + **FS-414D** (art.262D)

For 14 players
Dimensions:
360 x 300 x 11.5 cm
Weight: 181 kg



Fig. 12: **FS-120N** (art.240N) + **FS-414D** (art.262D)

For 14 players
Dimensions:
360 x 300 x 11.5 cm
Weight: 180.5 kg

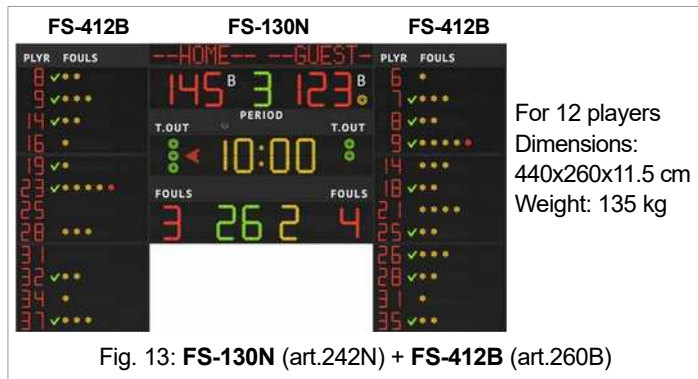


Fig. 13: **FS-130N** (art.242N) + **FS-412B** (art.260B)

For 12 players
Dimensions:
440x260x11.5 cm
Weight: 135 kg

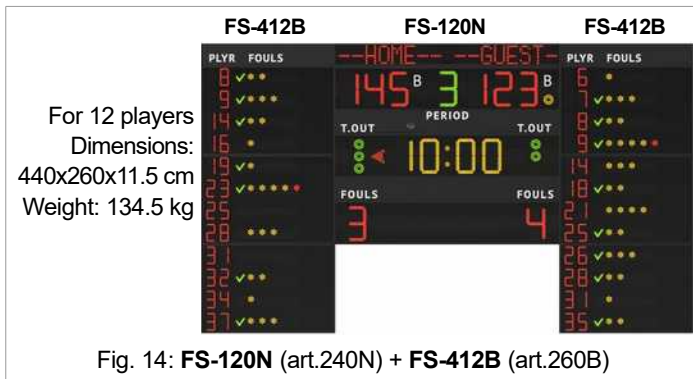


Fig. 14: **FS-120N** (art.240N) + **FS-412B** (art.260B)

For 12 players
Dimensions:
440x260x11.5 cm
Weight: 134.5 kg



Fig. 15: **FS-130N** (art.242N) + **FS-412D** (art.260D)

For 12 players
Dimensions:
360 x 240 x 11.5 cm
Weight: 160 kg



Fig. 16: **FS-120N** (art.240N) + **FS-412D** (art.260D)

For 12 players
Dimensions:
360 x 240 x 11.5 cm
Weight: 159.5 kg



For 12 players
 Dimensions: 257 x 200 x 9 cm
 Weight: 108 kg

Fig. 17: **FC62H25N12B2** (art.3046225N12B2)

For 12 players
 Dimensions: 257 x 200 x 9 cm
 Weight: 106 kg



Fig. 18: **FC60H25N12B2** (art.3046025N12B2)

6. Scoreboards for LEVEL 3 FIBA competitions (other competitions)

The following scoreboards are built in conformity with the FIBA specifications for the level 3 competitions and have the FIBA Certificate of Approval (see Section 8).

Dimensions: 200 x 180 x 9 cm
Weight: 67 kg

Fig. 19: **FS-130N** (art.242N)

Dimensions: 200 x 180 x 9 cm
Weight: 66.5 kg

Fig. 20: **FS-120N** (art.240N)

Dimensions: 200 x 180 x 9 cm
Weight: 60.5 kg

Fig. 21: **FS-130** (art.242)

Dimensions: 200 x 180 x 9 cm
Weight: 60 kg

Fig. 22: **FS-120** (art.240)

Dimensions: 241 x 143 x 9 cm
Weight: 68 kg

Fig. 23: **FC56H25-12A1** (art.3045625-12A1)

Dimensions: 241 x 143 x 9 cm
Weight: 70 kg

Fig. 24: **FC54H25N12A1** (art.3045425N12A1)

Dimensions: 140 x 178 x 9 cm
Weight: 52 kg

Fig. 25: **FC62H25N** (art.3046225N)

Dimensions: 140 x 168 x 9 cm
Weight: 48 kg

Fig. 26: **FC60H25N** (art.3046025N)

Dimensions: 140 x 143 x 9 cm
Weight: 40 kg

Fig. 27: **FC54H25N** (art.3045425N)

Dimensions: 140 x 118 x 9 cm
Weight: 32 kg

Fig. 28: **FC54H25** (art.3045425)

Dimensions: 140 x 108 x 9 cm
Weight: 33 kg

Fig. 29: **FC50H25N** (art.3045025N)

Dimensions: 140 x 83 x 9 cm
Weight: 22 kg

Fig. 30: **FC50H25** (art.3045025)

Dimensions: 140 x 133 x 9 cm
Weight: 36 kg

Fig. 31: **FC56H20** (art.3045620)

Dimensions: 140 x 108 x 9 cm
Weight: 30 kg

Fig. 32: **FC54H20** (art.3045420)

Dimensions: 140 x 73 x 9 cm
Weight: 21 kg

Fig. 33: **FC50H20** (art.3045020)

7. 24 second Shot Clock timers


These scoreboards are built in conformity with the FIBA specifications and have the FIBA Certificate of Approval (see Section 8).

7.1. Shot Clocks for LEVEL 1 FIBA competitions (high level)



Dimensions: 72 x 60 x 72 cm
 Weight: 38 kg
 4-sided display
 24 second digits: 30 cm
 Game time digits: 14 cm


Fig. 34: **FS-24s-4** (art.258-4)



Dimensions: 70.5 x 60 x 62 cm
 Weight: 29 kg
 3-sided display
 24 second digits: 30 cm
 Game time digits: 14 cm

Fig. 35: **FS-24s-3** (art.258-3)

7.2. Shot Clocks for LEVEL 2 FIBA competitions (medium level)



Dimensions: 70.5 x 60 x 11.5 cm
 Weight: 11 kg
 24 second digits: 30 cm
 Game time digits: 14 cm

Fig. 36: **FS-24s-1** (art.258-1)

7.3. Shot Clocks for LEVEL 3 FIBA competitions (other competitions)



Dimensions: 41 x 29 x 8.5 cm
 Weight: 6 kg
 24 second digits: 20 cm

Fig. 37: **FS-24s-H20** (art.257)

8. FIBA Certificate of Approval

CERTIFICATE OF APPROVAL

Valid until: December 31, 2017

Issued to:

Favero Electronics Srl

FIBA Equipment & Venue Centre Partner since 2016
FIBA Equipment & Venue Centre former Associate from 2013 to 2015

FIBA (Fédération Internationale de Basketball) hereby declares, by means of this certificate, that the basketball equipment, indicated below, fulfils the standards specified in the latest edition of the Equipment & Venue Approval Programme and is therefore qualified as a

TECHNICAL PARTNER

Product Category: ELECTRONIC SCOREBOARDS AND 24 SECONDS SHOT CLOCKS

Competition level 1

Name of Product/ Model: FS-120N/ FS-130N with FS-412E & FS-412F; FS-120N/ FS-130N with FS- 414E & FS-414F; FS-120N/FS-130N with FS-412C & FS-412F; FS-120N/FS-130N with FS-414C & FS-414F

Shot Clocks Level 1: FS-24s-3 and FS-24s-4

Competition level 2

Name of Product/ Model: Scoreboards: FS-120N/FS-130N with FS-412D or FS-414D or FS-412B or FS-414B; FC62H25N12B2; FC60H25N12B2

Shot Clocks Level 2: FS-24s-1

Competition level 3

Name of Product/ Model: Scoreboards: FS-120/ FS-130/ FS-120N/ FS-130N; FC56H25-12A1; FC54H25N12A1; FC62H25N ; FC60H25N ; FC54H25N ; FC54H25 ; FC50H25N ; FC50H25 ; FC56H20; FC54H20; FC50H20

Shot Clocks Level 3: FS-24s-H20

Level 1: Main Official International Competitions of FIBA: Olympic Tournaments, World Olympic Qualifying Tournaments for Men & Women, FIBA World Cup (WC) for Men, FIBA WC for Women, FIBA U-19 WC for Men/ for Women, FIBA U-17 WC for Men/ for Women, All Continental Championships, including all Qualifying Games and Tournaments for these Championships.

Level 2: Medium Level of Competitions: All other FIBA Official Competitions as Official Cups and Tournaments of FIBA and High Level Competitions of the National Federations.

Level 3: Other Competitions: All other Competitions not included in the above.

Contract No: P63-2016

The Manufacturer is authorized to use the FIBA Equipment & Venue logo in its true colours on the above products models in accordance with the artwork provided.
Note: FIBA levels of competition describe the levels of competitions for which the product (s) may be used; there is no link with the quality of the product (s).

Patrick Baumann
Secretary General

September 2016

Date

