

Product information for

CESA04 (Composite End Suction Air Out 4)

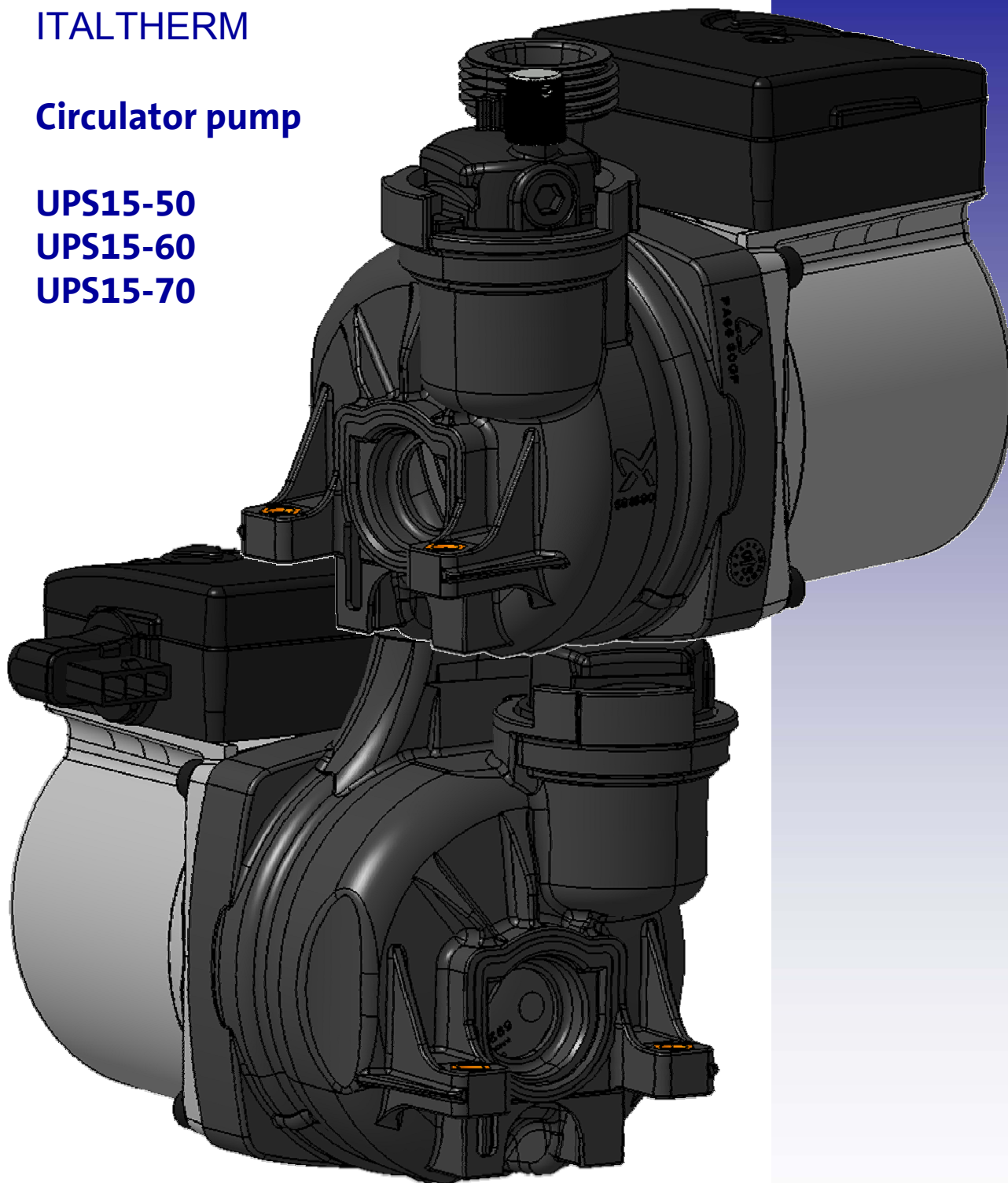
ITALTHERM

Circulator pump

UPS15-50

UPS15-60

UPS15-70



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GRUNDFOS® 

Technical data:

Pump speeds:	UPS 3-speed.
Pump housing material:	PA6.6 GF30% ¹⁾
Functional pressure:	3.0 bars
Test pressure:	10.0 bars
Bursting pressure:	15 bars
Enclosure-class:	IP42
Temperature-class:	TF95
Protection class:	H
T (media):	20°C
U (supply):	230V, 50Hz
Connector:	Molex.

¹⁾ Zytel 70G30 HSR2 BK-309 is a ultra high hydrolysis resistant PA6.6, heat stabilized and lubricated.

At undervoltage limit: i.e. 187 V:

Within the specified hydraulic performance range the head must be within the range of 0% to -15% of nominal head.

At undervoltage limit: i.e. 207 V:

Within the specified hydraulic performance range the head must be within the range of 0% to -10% of nominal head.

Performance specification:

UPS 15-50 CESAO4

Q3=1m ³ /h;	H3 = 4,6 m (tol.±0.3 m)
Q2=1m ³ /h;	H2 = 2,6 m (tol.±0.3 m)
Q1=0.5m ³ /h;	H1 = 1,5 m (tol.±0.3 m)

UPS 15-60 CESAO4

Q3=1m ³ /h;	H3 = 5,3 m (tol.±0.3 m)
Q2=1m ³ /h;	H2 = 2,6 m (tol.±0.3 m)
Q1=0.5m ³ /h;	H1 = 1,5 m (tol.±0.3 m)

UPS 15-70 CESAO4

Q3=1m ³ /h;	H3 = 5,8 m (tol.±0.3 m)
Q2=1m ³ /h;	H2 = 3,5 m (tol.±0.3 m)
Q1=0.5m ³ /h;	H1 = 1,2 m (tol.±0.3 m)

At overvoltage limit: i.e. 254 V:

Within the specified hydraulic performance range the head must be within the range of 0% to +10% of nominal head.

Performance data:

The hydraulic performance must be according to the enclosure QH data sheet.

Electrical conditions:

UPS 15 - 50 CESAO4

Supply-voltage: 230V +/-10%, 50Hz
Power consumption: 97 W (tol.±0.4W)
Current: 0,43 A (tol.±0.02A)

UPS 15 - 60 CESAO4

Supply-voltage: 230V +/-10%, 50Hz
Power consumption: 110 W (tol.±0.4W)
Current: 0,48 A (tol.±0.02A)

UPS 15 - 70 CESAO4

Supply-voltage: 230V +/-10%, 50Hz
Power consumption: 118 W (tol.±0.4W)
Current: 0,52 A (tol.±0.02A)

Dimensions

See enclosure product drawings.

Product range

UPS 15 - 50 CESAO4 1x230V 50Hz
UPS 15 - 60 CESAO4 1x230V 50Hz
UPS 15 - 70 CESAO4 1x230V 50Hz

Service and installation

The pump is designed to be maintenance-free.
In case of repair, main components can be replaced.

Electrical safety:

73/23/EØF (Low voltage directive)
EN 60 335-1
EN 60 335-2-51