



# Iso-Mix 200 USW1

Sound-insulated inline mixed-flow fans

- Maximum airflow: 1035
- Sound pressure level LpA at 3 m: 36
- Sound insulation
- Motor type: AC
- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position
- Cable with mains plug

	Unit of measurement	Iso-Mix 200 USW1		
Connected air duct size	mm	200		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50/60		
Rated power	W	82	100	110
Unit current	A	0.37	0.44	0.49
Maximum airflow	m <sup>3</sup> /h	731	961	1035
rotation speed at 50hz	-	2376	2382	2445
Sound pressure level LpA at 3 m	dB(A)	30	34	36
Weight	kg	8		
Transported air temperature (max)	°C	60		
Ingress protection rating	-	IPX4		
Ingress protection rating of the drive	-	IP44		

## Dimensions

$\varnothing D$	B	B1	L	H
198	293	386	550	295




## Ecodesign



Trademark	Blauberg					
Model	Iso-Mix 200 USW1					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	52.8	A+	25.7	C	10.2	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	None					
Maximum flow rate (m <sup>3</sup> /h)	800					
Electric power input (W)	110					
Reference flow rate (m <sup>3</sup> /s)	0.156					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.139					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	33					
Declared typology	RVU UVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	104		104		104	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	


## Accessories

### Temperature controllers




Name	Photo	Description
<a href="#">MLCD E2</a>		Room temperature regulator

### Speed control switches





Name	Photo	Description
<a href="#">CDP-2/5</a>		Multi-speed switch

<a href="#">CDP-3/5</a>		Multi-speed switch
<a href="#">CDP-2/10</a>		Multi-speed switch



### Thyristor speed controllers



Name	Photo	Description
<a href="#">CDT E0.5</a>		Thyristor speed controller
<a href="#">CDT E1.8</a>		Thyristor speed controller
<a href="#">CDT1 E0.5</a>		Multi-speed switches

### Humidity sensors




Name	Photo	Description
<a href="#">TE / TI 1.5</a>		Timers
<a href="#">HSE / HSI 1.5</a>		Sensors
<a href="#">LSE / LSI 1.5</a>		Sensors
<a href="#">IRSE / IRSI 1.5</a>		Sensors

### For round ducts








Name	Photo	Description
<a href="#">KFBT 200 G4</a>		Filter boxes with pocket filters for round ducts
<a href="#">KFBK 200</a>		Filter boxes for round ducts


<a href="#">KFBT 200 F5</a>		Filter boxes with pocket filters for round ducts
<a href="#">KFBT 200 F7</a>		Filter boxes with pocket filters for round ducts

### For round ducts



Name	Photo	Description
<a href="#">SD 200/1200</a>		Silencers for round ducts
<a href="#">SD 200/900</a>		Silencers for round ducts
<a href="#">SD 200/600</a>		Silencers for round ducts

### Electrical heaters

Name	Photo	Description
<a href="#">EKH 200-1.2</a>		Duct electrical heaters for round ducts
<a href="#">EKH 200-1.7</a>		Duct electrical heaters for round ducts
<a href="#">EKH 200-2.0</a>		Duct electrical heaters for round ducts
<a href="#">EKH 200-2.4</a>		Duct electrical heaters for round ducts
<a href="#">EKH 200-3.4</a>		Duct electrical heaters for round ducts
<a href="#">EKH 200-3.6</a>		Duct electrical heaters for round ducts
<a href="#">EKH 200-5.1</a>		Duct electrical heaters for round ducts

<a href="#">EKH 200-6.0</a>		Duct electrical heaters for round ducts
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### Water heaters

Name	Photo	Description
<a href="#">WKH 200-2</a>		Duct water heaters for round ducts
<a href="#">WKH 200-4</a>		Duct water heaters for round ducts

### For round ducts

Name	Photo	Description
<a href="#">VRV 200</a>		Backdraft dampers with spring for round ducts
<a href="#">VKA 200</a>		Air dampers for round ducts