



Supply: Airbox S60-2010 Height: 2280mm Width: 2020mm Weight: 2519kg
 Exhaust: Airbox S60-2010 AHU-S602010IW Length: 3975mm S60 - 60mm Insulation

Technical Data

Sup Z1 C1 KompaktfILTER ISO ePM1 60% (F7), Klemmschiene

Filter Length:	292 mm	Filter Surface:	75 m ²
Air Velocity:	1,78 m/s		
dP Calc:	70 Pa	Energy-Class:	A+
dP Start:	35 Pa	dP Ende (EN13053:2019):	105 Pa
Measures:	3x592 ² , 3x592x287,		

Sup Z1 C2 Jalousieklappe St.vz. (EN 1751 Kl.2) außen kompletter Querschnitt; B=1868; H=938; Flansch=30
 dp Air: 2 Pa

Sup W1 C1 PWT-H2A1000-2010-U

Exchanger Type:	H2A1000-1617-025-2E00-2-2-2-1887		
Recovery Factor wet:	85,8 %		
Temp outside Air:	-15 °C	Temp. Exhaust:	22 °C
Humidity outside Air:	90 %r.F.	Humidity Exhaust:	45 %r.F.
Temp. Supply:	16,8 °C	Temp out Exhaust:	-1 °C
Humidity Supply:	9,49 %r.F.	Humidity out Exhaust:	100 %r.F.
dP Supply:	192 Pa	dP Exhaust:	198 Pa
Heating Power:	105 kW	Condensate Flow:	45 l/h
Kondensations Temp.:	10 °C		

Leakage: <0,1% of rated airflow for favourable fan configuration

Data according EN 13053 (2012-02) at dry reference conditions and balanced air mass flow

Recovery Factor dry:	75 %	Efficiency:	71,9 %
dp Supply (Std. Density):	206 Pa	dp Exhaust (Std. Density):	205 Pa
Power Cons. Due to dp:	1,9 kW	Heat Recovery Class (2012/02):	H1
		Heat Recovery Class (2020/05):	H2

Operating Point 2:

Temp outside Air:	32 °C	Temp. Exhaust:	22 °C
Humidity outside Air:	45 %r.F.	Humidity Exhaust:	45 %r.F.
Temp. Supply:	24,5 °C	Temp out Exhaust:	29,5 °C
Humidity Supply:	69,6 %r.F.	Humidity out Exhaust:	28,9 %r.F.
dP Supply:	214 Pa	dP Exhaust:	212 Pa
Total Power:	24,9 kW	Recovery Factor wet:	74,8 %

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Sup Z2 C1 Free running Wheel GKHM 560-CIG.160.6IF IE Gen3

Fan Data

Air Volume:	10000 m ³ /h		
dP total:	624 Pa	dP dynamic:	43 Pa
dP stat:	581 Pa	dP Mounting:	6 Pa
dP external:	300 Pa	dP internal:	281 Pa
Power Consumption (Pel):	2,56 kW		
Speed:	1531 U/min	Speed Load Factor:	82,8 %
Current:	3,97 A	Efficiency Fan (stat):	63 %
Efficiency (tot):	67,6 %	Sound Power Level LwA6:	83 dB(A)
dP inlet Cone:	1096 Pa	Calibration Factor k10:	234 m ² /h
SFPv:	0,888 kW/m ³ (SFP2)		
Control Voltage:	7,84 V		

Motor Nominal Data EC-Motor with integrated electronics

Nominal Voltage:	3~380-480	Nominal Power:	4,48 kW
Motor Protection:	Integrated	Nominal Current:	7,1 A
Nominal Speed:	1850 U/min	Protection class:	IP54
Efficiency-Class following			IE5

Efficiency-Class

Velocity Class:	V1		
Power Consumption Class:	P1	max. Pel (RLT01):	3,4 kW

