

BRS

COMPACT 4500

Performance data	Supply air	Extract air	Unit
Volume flow	4500	4500	m ³ /h
Ext. Static Pressure	350	350	Pa
Total SFP	380,97	330,60	W/(m ³ /s)
Energy Class	A+		
Air Face Velocity	1,24	1,24	m/s

Heat Recovery	Supply air	Extract air	Unit
Winter:			
Intake (temp. / RH)	-12,0 / 80	22 / 40	°C / %
Outlet (temp. / RH)	17,9 / 9,5	-0,1 / 95,8	°C / %
Recuperation power	45,1		kW
Thermal efficiency	87,8		%
Thermal efficiency (dry)	82,4		%
Pressure drop (dry)	172,2	190	Pa

Filters	Supply air	Extract air	Unit
Class	F7	M5	

Fan	Supply air	Extract air	Unit
Type of fan	Plug with EC motor	Plug with EC motor	
Motor power	1,64	1,48	kW
System Efficiency	62	62	%
Max. current	3,3	3,3	A
Nominal voltage	3~ 400 V	3~ 400 V	V

LPHW Heating Coil	Supply air	Unit
Capacity	25,4	kW
Sensible Capacity	25,4	kW
Fluid type	Water	
Water temp.	70 / 50	°C
Fin material	Aluminium	
Tube material	Copper	
Header material	Steel	
Intake (dry temp. / RH)	17,9 / 9,5	°C / %
Outlet (dry temp. / RH)	34,5 / 3,5	°C / %

