

Rooftop 102 kW ⁽¹⁾ Horizontal discharge

27/19°C db/wb and 35°C air

Model	WKH 340
Power input cooling mode (kW)	38.7
Heating capacity (kW)	83.7
Compressor type	Scroll
Minimum load (%)	50
Nominal airflow (m3/h)	18000
Compressor , qty	2
Refrigerant, type	R410a
Sound pressure level 10 m free field	60 dB(A)



Operating range

Outside air cooling mode (°C)	-18 to 50
Indoor air cooling mode (°C)	18 to33
Outside air heating mode (°C)	-15 to18°C
Indoor air heating mode (°C)	10 to26
Air flow (m3/h)	14000 to 21600
Available static pressure (Pa)	100 to500

Electrical data

Power supply (V/Ph/Hz)	400/3/50
Amps max (A)	70
Starting amps (A)	244

Dimensions & Weight

Length (mm)	4700
Width (mm)	2491
Height (mm)	2111
Weight (kg)	1974

Connections

Supply air	2 x dia 700
Return air	2 x dia 700

35 °c ambient air

18°C air indoor			21°C air indoor			24°C air indoor			27°C air indoor			
Tot cap	Sens cap	Comp	Tot cap	Sens cap	Comp	Tot cap	Sens cap	Comp	Tot cap	Sens cap	Comp	
79.4	79.4	25.0	84.6	84.6	25.4	90.1	90.1	25.8	95.6	95.6	26.2	30 % hr
82.1	71.8	25.2	88.4	74.0	25.7	95.0	75.9	26.2	102.0	77.3	26.7	50% hr
87.6	54.2	25.6	94.9	54.2	26.1	102.4	53.8	26.7	110.8	53.3	27.4	70 % hr

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(1) At Eurovent conditions: 12/7°C entering/leaving water temperature and 35°C ambient air temperature

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