

# Rittal – The System.

Faster – better – everywhere.

## Rittal Chimney Flexible and passive thermal management solution

With today's high-density data center pushing as high as 30kW or more per rack, maximizing cooling efficiencies can have a significant impact on an operating budget.

Rittal's Chimney solution directs hot air toward the ceiling ducts, providing containment of cold and hot air at the front and rear side of the enclosure.

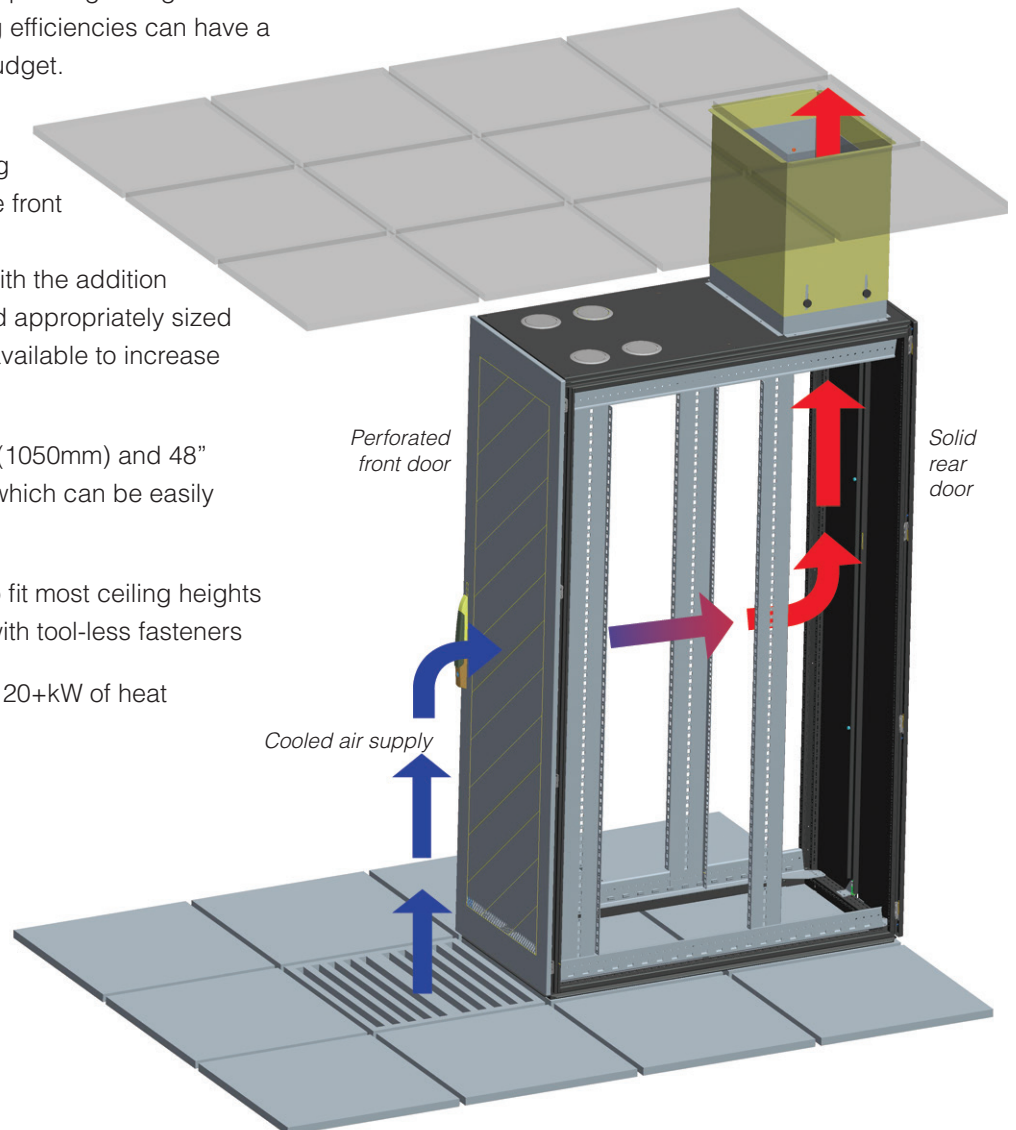
Existing installations can be retrofit with the addition of a solid rear door, modified roof and appropriately sized chimney. An active fan base is also available to increase air flow.

- Flexible solution- available for 42" (1050mm) and 48" (1200mm) deep Rittal Enclosures which can be easily retrofitted in the field
- Easy to install- quick adjustment to fit most ceiling heights and attaches to the chimney roof with tool-less fasteners
- Efficient- effectively removes up to 20+kW of heat per enclosure



*Rittal Chimney  
Tool-less height adjustment  
Tool-less attachment to roof*

*Exhausted air passes through chimney and into the return air duct which eliminates hot air from entering the data center*



# Rittal Chimney

## Flexible and passive thermal management solution

### Rittal Chimney

<b>Part Number</b>	<b>9979.454</b>
<b>Adj. Height Range</b> inches (mm)	20 – 34 (508 – 864)
<b>Color</b>	RAL 9005
<b>Weight</b> lb (kg)	36 (79)
<b>Cabinet Range</b>	
<b>Height U</b>	42 – 47
<b>Width inches (mm)</b>	24 – 32 (600 – 800)
<b>Depth inches (mm)</b>	42 – 47 (1050 – 1200)

### Replacement Roof

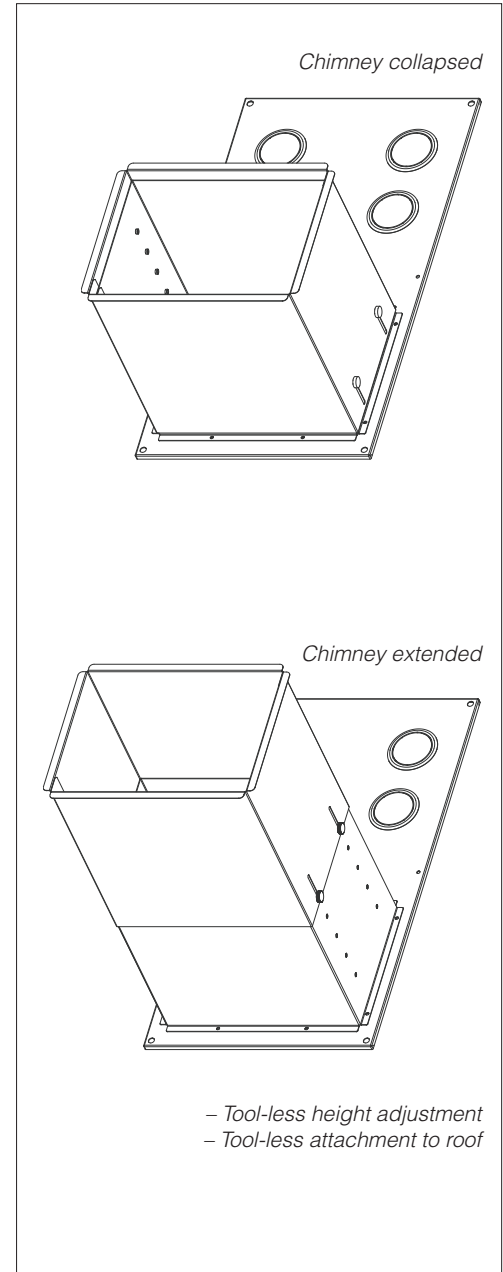
<b>Width x Depth</b> inches (mm)	<b>Part No.</b>
24 x 41 (600 x 1050)	<b>9979.441</b>
28 x 41 (700 x 1050)	<b>9979.442</b>
32 x 41 (800 x 1050)	<b>9979.443</b>
24 x 47 (600 x 1200)	<b>9979.444</b>
28 x 47 (700 x 1200)	<b>9979.445</b>
32 x 47 (800 x 1200)	<b>9979.446</b>

### Active Fan Base

<b>Packs of</b>	<b>Part No.</b>
1	9979.453

### Replacement Solid Rear Door

<b>Height x Width</b> <b>U/inches (mm)</b>	<b>Part No.</b>
42 U/79 x 24 (2000 x 600)	9979.447
42 U/79 x 28 (2000 x 700)	9979.448
42 U/79 x 32 (2000 x 800)	9979.449
47 U/87 x 24 (2200 x 600)	9979.450
47 U/87 x 28 (2200 x 700)	9979.451
47 U/87 x 32 (2200 x 800)	9979.452



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