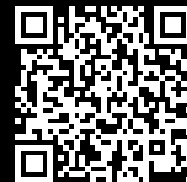


# Rittal – The System.

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## SK 3335.950 VX25 TopTherm Chiller

State: 2/7/2025 (Source: [rittal.com/us-en](http://rittal.com/us-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3335.950 - VX25 TopTherm Chiller 8 - 20 kW

VX25 TopTherm chillers are compact in design and cover a variety of applications. They integrate perfectly with the enclosure – as series products promising a minimized footprint, increased efficiency and fast availability.



## Features

|                                     |                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                           | SK 3335.950                                                                                                                                                                                                                                                                                                                      |
| Product description                 | VX25 TopTherm chillers are compact in design and cover a variety of applications. They integrate perfectly with the enclosure – as series products promising a minimized footprint, increased efficiency and fast availability.                                                                                                  |
| Benefits                            | One enclosure size for four output categories<br>Carbon footprint is reduced by up to 35%<br>Coolant quantity reduced through the use of microchannel technology<br>Remote monitoring already integrated in the basic unit<br>Integrated safety functions create enhanced safety<br>Minimum support area<br>Convenient servicing |
| Material                            | Carbon steel                                                                                                                                                                                                                                                                                                                     |
| Color                               | RAL 7035                                                                                                                                                                                                                                                                                                                         |
| Supply includes                     | Complete unit with side panels and door ready for connection                                                                                                                                                                                                                                                                     |
| Protection category IP to EN 60 529 | IP 44 (electrics)                                                                                                                                                                                                                                                                                                                |
| Total cooling output Tw10 / Tu32    | Cooling output Tw10 Tu32/50 Hz: 13.8 kW<br>Cooling output Tw10 Tu32/60 Hz: 15.2 kW<br>Cooling output Tw10 Tu32/50 Hz: 47,088 BTU/h<br>Cooling output Tw10 Tu32/60 Hz: 51,865 BTU/h                                                                                                                                               |

# Features

|                                                  |                                                                                                                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total cooling output Tw18 / Tu32                 | Cooling output Tw18 Tu32/50 Hz: 16 kW<br>Cooling output Tw18 Tu32/60 Hz: 17.6 kW<br>Cooling output Tw18 Tu32/50 Hz: 54,594 BTU/h<br>Cooling output Tw18 Tu32/60 Hz: 60,054 BTU/h |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 15.6 kW<br>Cooling output Tw18 Tu35/60 Hz: 17 kW                                                                                                 |
| Air throughput (unimpeded air flow)              | At 50 Hz: 6,000 m³/h<br>At 60 Hz: 7,200 m³/h<br>At 50 Hz: 3,531.5 cfm<br>At 60 Hz: 4,237.8 cfm                                                                                   |
| Rated operating voltage                          | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz                                                                                                                                             |
| Dimensions                                       | Width: 808 mm<br>Height: 2,238 mm<br>Depth: 608 mm<br>Width: 31.8 "<br>Height: 88.1 "<br>Depth: 23.9 "                                                                           |
| Note                                             | Regular leak testing is not required by law.                                                                                                                                     |
| Noise pressure level                             | 75.6 dB(A)                                                                                                                                                                       |
| Temperature control                              | E-controller (factory setting +18 °C)                                                                                                                                            |
| Operating temperature range                      | 10 °C...43 °C<br>50 °F...109 °F                                                                                                                                                  |
| Operating temperature range of cooling medium    | 10 °C...25 °C<br>50 °F...77 °F                                                                                                                                                   |
| Temperature hysteresis                           | ± 1 K                                                                                                                                                                            |
| Refrigerant/cooling medium                       | Refrigerant: R410A<br>Quantity: 1.4 kg<br>Global Warming Potential (GWP): 2,088<br>CO2 equivalent (CO2e): 4.8 t<br>Refrigerant: R410A<br>Quantity: 3.1 lb.                       |
| Pump pressure                                    | At 50 Hz: 2.5 bar<br>At 60 Hz: 2.5 bar                                                                                                                                           |

# Features

|                                                              |                                          |
|--------------------------------------------------------------|------------------------------------------|
| Power consumption cooling medium pump 50/60 Hz               | 0.67 / 1.06                              |
| Volumetric flow (cooling medium)                             | At 50 Hz: 35 l/min<br>At 60 Hz: 63 l/min |
| Rated power Pel                                              | At 50 Hz: 7.11 kW<br>At 60 Hz: 8.82 kW   |
| Rated current max.                                           | At 50 Hz: 12.9 A<br>At 60 Hz: 12.6 A     |
| Start-up current (max.)                                      | At 50 Hz: 65 A<br>At 60 Hz: 62.8 A       |
| Refrigeration factor (EER) 50 Hz<br>Tw18 / Tu35 DIN EN 14511 | 2.7                                      |
| Water connections                                            | R 1" internal thread                     |
| Number of cooling circuits                                   | 1                                        |
| Tank                                                         | Material: Plastic PP<br>Volume: 75 l     |
| Operating weight                                             | 357 kg<br>787.1 lb.                      |
| Packaging unit                                               | 1 pc(s).                                 |
| Net weight                                                   | 252                                      |
| Gross weight                                                 | 260                                      |
| Customs tariff number                                        | 84186900                                 |
| EAN                                                          | 4028177953475                            |
| ETIM 9                                                       | EC002516                                 |
| ETIM 8                                                       | EC002516                                 |
| ECLASS 8.0                                                   | 27180713                                 |

## Approvals

# Approvals

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Explanations

Declaration of conformity - F-gas regulation