Kaltmer INVERTER

SCMREF THAI

# KIV Microchannel Series

## Condensing Units

## With BLDC Inverter Scroll


- Microchannel condenser
- Generous low noise level condensers
- Wed monitoring readiness
- Slim profile, suitable for limited space
- User friendly digital controller with LED display
- High efficiency BLDC scroll compressor
- Better energy efficiency
- Easy access to service
- Low noise
- Fully wired in a waterproof powder coated enclosure

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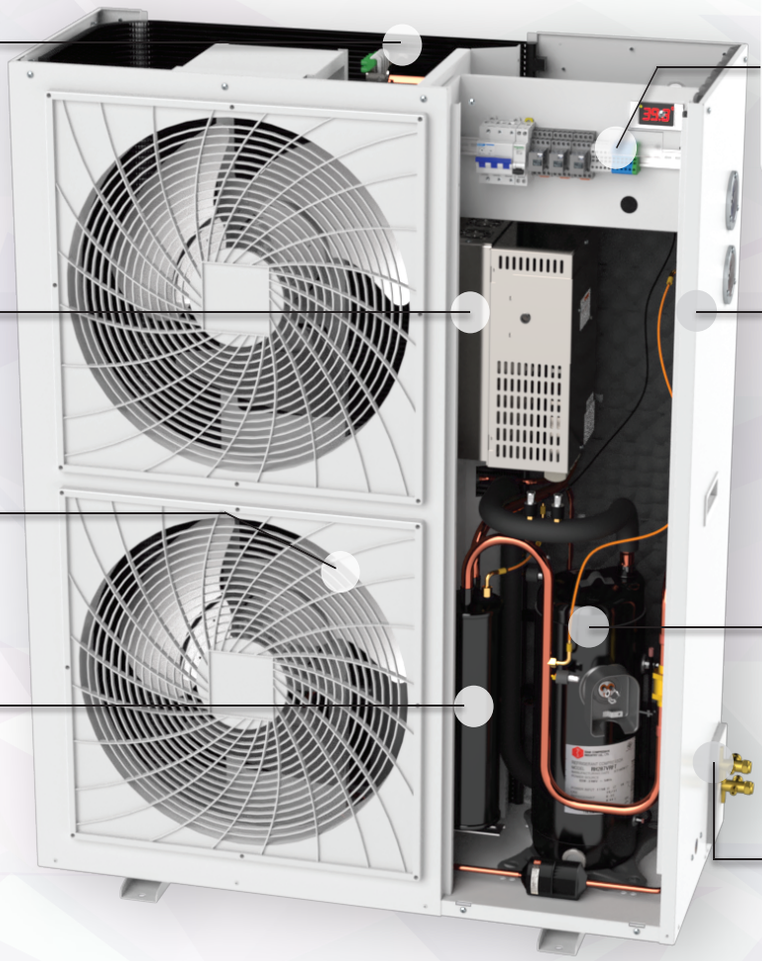
# KIV Microchannel Series
## Condensing Units

- Microchannel condenser heat exchanger
- EMI Filter * Corresponding to EMC Requirement
- Fan Speed Control *
- Additional oil pre-charged



- Phase protection
- Discharge gas overheat protection
- Hi/Low pressure protection
- Compressor minimum off time control
- Web monitoring readiness
- Galvanized steel casing with powder coating
  -High corrosion resistance
- Stainless steel casing SUS304 *
- BLDC Scroll Compressor 15-100 RPS
- Easy access liquid sight glass with moisture indicator

*Optional

## Microchannel Benefits

- Improve heat transfer efficiency
- Low refrigerant charge
- No risk of galvanic corrosion
- Low weight
- Easy cleaning

## Inverter Benefits

- Precision temperature control
- High efficiency
- Humidity control

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# KIV Microchannel Series
## Condensing Units

## R404A Medium Temp

4.0 | 10 | HP

| Model | Ambient (°C) | Capacity (Watts) @20Hz Evaporating Temp (°C) | | | | | | Power Input (Watts) @20Hz Evaporating Temp (°C) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 1.10 | 1.32 | 1.60 | 1.92 | 2.30 | 2.72 | 0.76 | 0.76 | 0.77 | 0.77 | 0.78 | 0.78 |
| | 38 | 0.96 | 1.18 | 1.44 | 1.76 | 2.12 | 2.53 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.85 |
| | 43 | 0.86 | 1.07 | 1.32 | 1.62 | 1.97 | 2.36 | 0.92 | 0.92 | 0.91 | 0.91 | 0.91 | 0.91 |
| KIVM42 | 32 | 1.25 | 1.58 | 1.94 | 2.35 | 2.81 | 3.33 | 0.88 | 0.89 | 0.91 | 0.92 | 0.92 | 0.92 |
| | 38 | 1.11 | 1.43 | 1.78 | 2.16 | 2.60 | 3.09 | 0.96 | 0.97 | 0.99 | 1.00 | 1.01 | 1.02 |
| | 43 | 1.01 | 1.31 | 1.64 | 2.00 | 2.42 | 2.89 | 1.04 | 1.05 | 1.07 | 1.09 | 1.10 | 1.11 |
| KIVM66 | 32 | 2.11 | 2.67 | 3.33 | 4.10 | 4.98 | 5.96 | 1.62 | 1.60 | 1.59 | 1.57 | 1.56 | 1.55 |
| | 38 | 1.94 | 2.45 | 3.07 | 3.79 | 4.62 | 5.54 | 1.76 | 1.74 | 1.72 | 1.71 | 1.69 | 1.69 |
| | 43 | 1.78 | 2.24 | 2.82 | 3.50 | 4.29 | 5.16 | 1.88 | 1.86 | 1.84 | 1.83 | 1.82 | 1.81 |
| KIVM78 | 32 | 2.57 | 3.25 | 4.06 | 4.99 | 6.05 | 7.21 | 1.72 | 1.70 | 1.69 | 1.69 | 1.68 | 1.68 |
| | 38 | 2.35 | 2.98 | 3.73 | 4.61 | 5.59 | 6.68 | 1.91 | 1.90 | 1.90 | 1.90 | 1.91 | 1.91 |
| | 43 | 2.15 | 2.74 | 3.44 | 4.26 | 5.18 | 6.21 | 2.13 | 2.12 | 2.12 | 2.13 | 2.13 | 2.14 |

| Model | Ambient (°C) | Capacity (Watts) @60Hz Evaporating Temp (°C) | | | | | | Power Input (Watts) @60Hz Evaporating Temp (°C) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 3.15 | 3.80 | 4.61 | 5.58 | 6.70 | 7.96 | 1.86 | 1.91 | 1.96 | 2.00 | 2.03 | 2.05 |
| | 38 | 3.09 | 3.70 | 4.45 | 5.36 | 6.41 | 7.59 | 2.14 | 2.18 | 2.21 | 2.24 | 2.26 | 2.28 |
| | 43 | 2.96 | 3.52 | 4.23 | 5.08 | 6.06 | 7.17 | 2.40 | 2.42 | 2.45 | 2.47 | 2.48 | 2.50 |
| KIVM42 | 32 | 3.89 | 4.93 | 6.06 | 7.30 | 8.67 | 10.23 | 2.31 | 2.39 | 2.46 | 2.53 | 2.60 | 2.66 |
| | 38 | 3.51 | 4.49 | 5.54 | 6.70 | 7.97 | 9.41 | 2.57 | 2.65 | 2.74 | 2.82 | 2.90 | 2.98 |
| | 43 | 3.18 | 4.10 | 5.08 | 6.16 | 7.36 | 8.71 | 2.83 | 2.92 | 3.00 | 3.09 | 3.19 | 3.28 |
| KIVM66 | 32 | 6.80 | 8.32 | 10.14 | 12.23 | 14.57 | 17.18 | 4.07 | 4.07 | 4.08 | 4.10 | 4.14 | 4.19 |
| | 38 | 6.24 | 7.64 | 9.32 | 11.26 | 13.46 | 15.90 | 4.52 | 4.52 | 4.54 | 4.57 | 4.62 | 4.69 |
| | 43 | 5.73 | 7.02 | 8.59 | 10.42 | 12.50 | 14.81 | 4.94 | 4.94 | 4.97 | 5.01 | 5.07 | 5.15 |
| KIVM78 | 32 | 7.79 | 9.49 | 11.55 | 13.92 | 16.59 | 19.57 | 4.57 | 4.59 | 4.63 | 4.70 | 4.79 | 4.88 |
| | 38 | 7.09 | 8.66 | 10.58 | 12.80 | 15.31 | 18.08 | 5.13 | 5.16 | 5.21 | 5.28 | 5.39 | 5.51 |
| | 43 | 6.45 | 7.93 | 9.73 | 11.82 | 14.20 | 16.85 | 5.66 | 5.70 | 5.76 | 5.85 | 5.96 | 6.08 |

| Model | Ambient (°C) | Capacity (Watts) @100Hz Evaporating Temp (°C) | | | | | | Power Input (Watts) @100Hz Evaporating Temp (°C) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 5.14 | 6.22 | 7.53 | 9.06 | 10.78 | 12.69 | 3.58 | 3.72 | 3.85 | 3.95 | 4.04 | 4.11 |
| | 38 | 4.67 | 5.67 | 6.89 | 8.31 | 9.90 | 11.67 | 4.14 | 4.26 | 4.36 | 4.44 | 4.52 | 4.60 |
| | 43 | 4.25 | 5.17 | 6.30 | 7.62 | 9.11 | 10.73 | 4.68 | 4.76 | 4.83 | 4.90 | 4.98 | 5.06 |
| KIVM42 | 32 | 6.09 | 7.70 | 9.39 | 11.22 | 13.22 | 15.43 | 4.35 | 4.55 | 4.76 | 4.97 | 5.19 | 5.41 |
| | 38 | 5.44 | 6.92 | 8.50 | 10.17 | 12.02 | 14.05 | 4.91 | 5.11 | 5.32 | 5.55 | 5.79 | 6.04 |
| | 43 | 4.88 | 6.26 | 7.71 | 9.27 | 10.98 | 12.86 | 5.42 | 5.63 | 5.84 | 6.09 | 6.34 | 6.62 |
| KIVM66 | 32 | 10.70 | 12.87 | 15.50 | 18.50 | 21.88 | 25.54 | 7.38 | 7.53 | 7.69 | 7.91 | 8.15 | 8.46 |
| | 38 | 9.68 | 11.67 | 14.09 | 16.88 | 20.00 | 23.45 | 8.16 | 8.32 | 8.51 | 8.75 | 9.03 | 9.35 |
| | 43 | 8.74 | 10.60 | 12.84 | 15.46 | 18.40 | 21.67 | 8.93 | 9.08 | 9.30 | 9.56 | 9.87 | 10.21 |
| KIVM78 | 32 | 12.29 | 14.72 | 17.65 | 21.01 | 24.76 | 28.85 | 8.58 | 8.80 | 9.05 | 9.36 | 9.73 | 10.16 |
| | 38 | 11.10 | 13.32 | 16.02 | 19.12 | 22.60 | 26.41 | 9.58 | 9.80 | 10.06 | 10.40 | 10.80 | 11.28 |
| | 43 | 10.03 | 12.09 | 14.58 | 17.48 | 20.76 | 24.34 | 10.46 | 10.69 | 10.98 | 11.34 | 11.78 | 12.29 |

Note: The rating condition is based on a suction superheat of 10K, Subcool with the limits of the condensing unit.

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# KIV Microchannel Series
## Condensing Units

## R407F (Dew Point) Medium Temp

4.0 | 10 | HP

| Model | Ambient (°C) | Capacity (Watts) @20Hz | | | | | | Power Input (Watts) @20Hz | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Evaporating Temp (°C) | | | | | | Evaporating Temp (°C) | | | | | |
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 0.93 | 1.19 | 1.49 | 1.85 | 2.26 | 2.72 | 0.71 | 0.73 | 0.74 | 0.75 | 0.77 | 0.78 |
| | 38 | 0.78 | 1.04 | 1.35 | 1.71 | 2.12 | 2.59 | 0.77 | 0.80 | 0.82 | 0.83 | 0.84 | 0.85 |
| | 43 | 0.67 | 0.93 | 1.24 | 1.59 | 2.01 | 2.47 | 0.81 | 0.85 | 0.88 | 0.90 | 0.90 | 0.92 |
| KIVM42 | 32 | 1.05 | 1.42 | 1.81 | 2.26 | 2.76 | 3.33 | 0.82 | 0.85 | 0.88 | 0.89 | 0.91 | 0.92 |
| | 38 | 0.91 | 1.27 | 1.67 | 2.10 | 2.60 | 3.17 | 0.88 | 0.92 | 0.96 | 0.99 | 1.01 | 1.02 |
| | 43 | 0.79 | 1.14 | 1.53 | 1.96 | 2.46 | 3.02 | 0.91 | 0.98 | 1.03 | 1.07 | 1.09 | 1.12 |
| KIVM66 | 32 | 1.78 | 2.39 | 3.10 | 3.94 | 4.89 | 5.96 | 1.52 | 1.53 | 1.54 | 1.53 | 1.53 | 1.54 |
| | 38 | 1.58 | 2.17 | 2.87 | 3.69 | 4.62 | 5.67 | 1.61 | 1.65 | 1.67 | 1.68 | 1.69 | 1.69 |
| | 43 | 1.38 | 1.95 | 2.64 | 3.43 | 4.37 | 5.40 | 1.66 | 1.73 | 1.77 | 1.80 | 1.81 | 1.83 |
| KIVM78 | 32 | 2.17 | 2.91 | 3.78 | 4.80 | 5.94 | 7.21 | 1.61 | 1.63 | 1.64 | 1.65 | 1.66 | 1.68 |
| | 38 | 1.91 | 2.64 | 3.49 | 4.48 | 5.59 | 6.85 | 1.75 | 1.80 | 1.84 | 1.87 | 1.90 | 1.92 |
| | 43 | 1.67 | 2.38 | 3.21 | 4.17 | 5.28 | 6.49 | 1.88 | 1.97 | 2.04 | 2.09 | 2.12 | 2.15 |

| Model | Ambient (°C) | Capacity (Watts) @60Hz | | | | | | Power Input (Watts) @60Hz | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Evaporating Temp (°C) | | | | | | Evaporating Temp (°C) | | | | | |
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 2.66 | 3.41 | 4.30 | 5.36 | 6.57 | 7.96 | 1.74 | 1.83 | 1.90 | 1.95 | 2.00 | 2.04 |
| | 38 | 2.52 | 3.27 | 4.17 | 5.21 | 6.41 | 7.78 | 1.96 | 2.07 | 2.15 | 2.21 | 2.25 | 2.29 |
| | 43 | 2.31 | 3.06 | 3.95 | 4.98 | 6.17 | 7.49 | 2.11 | 2.25 | 2.35 | 2.42 | 2.47 | 2.51 |
| KIVM42 | 32 | 3.28 | 4.42 | 5.65 | 7.01 | 8.51 | 10.22 | 2.17 | 2.29 | 2.39 | 2.48 | 2.56 | 2.65 |
| | 38 | 2.86 | 3.98 | 5.19 | 6.51 | 7.98 | 9.64 | 2.35 | 2.52 | 2.66 | 2.78 | 2.89 | 3.00 |
| | 43 | 2.47 | 3.56 | 4.74 | 6.03 | 7.49 | 9.11 | 2.50 | 2.71 | 2.88 | 3.04 | 3.16 | 3.30 |
| KIVM66 | 32 | 5.74 | 7.46 | 9.45 | 11.74 | 14.30 | 17.17 | 3.82 | 3.90 | 3.96 | 4.01 | 4.08 | 4.17 |
| | 38 | 5.08 | 6.76 | 8.72 | 10.95 | 13.48 | 16.29 | 4.14 | 4.29 | 4.41 | 4.50 | 4.60 | 4.71 |
| | 43 | 4.46 | 6.11 | 8.02 | 10.21 | 12.73 | 15.49 | 4.36 | 4.59 | 4.77 | 4.92 | 5.03 | 5.18 |
| KIVM78 | 32 | 6.57 | 8.51 | 10.77 | 13.37 | 16.29 | 19.56 | 4.28 | 4.39 | 4.49 | 4.59 | 4.71 | 4.87 |
| | 38 | 5.77 | 7.67 | 9.90 | 12.45 | 15.33 | 18.53 | 4.70 | 4.90 | 5.06 | 5.20 | 5.36 | 5.54 |
| | 43 | 5.01 | 6.89 | 9.08 | 11.58 | 14.46 | 17.62 | 4.99 | 5.29 | 5.53 | 5.74 | 5.92 | 6.12 |

| Model | Ambient (°C) | Capacity (Watts) @100Hz | | | | | | Power Input (Watts) @100Hz | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Evaporating Temp (°C) | | | | | | Evaporating Temp (°C) | | | | | |
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 4.34 | 5.58 | 7.02 | 8.70 | 10.58 | 12.68 | 3.35 | 3.57 | 3.74 | 3.86 | 3.98 | 4.10 |
| | 38 | 3.80 | 5.02 | 6.44 | 8.08 | 9.92 | 11.96 | 3.79 | 4.04 | 4.23 | 4.37 | 4.50 | 4.62 |
| | 43 | 3.31 | 4.50 | 5.88 | 7.47 | 9.28 | 11.22 | 4.13 | 4.42 | 4.64 | 4.81 | 4.94 | 5.09 |
| KIVM42 | 32 | 5.14 | 6.90 | 8.76 | 10.77 | 12.98 | 15.43 | 4.07 | 4.36 | 4.62 | 4.86 | 5.11 | 5.39 |
| | 38 | 4.42 | 6.13 | 7.95 | 9.90 | 12.04 | 14.40 | 4.50 | 4.85 | 5.17 | 5.46 | 5.76 | 6.07 |
| | 43 | 3.80 | 5.44 | 7.20 | 9.08 | 11.18 | 13.45 | 4.78 | 5.23 | 5.61 | 5.97 | 6.30 | 6.66 |
| KIVM66 | 32 | 9.03 | 11.54 | 14.45 | 17.77 | 21.48 | 25.53 | 6.92 | 7.21 | 7.47 | 7.73 | 8.03 | 8.43 |
| | 38 | 7.88 | 10.33 | 13.19 | 16.41 | 20.02 | 24.02 | 7.47 | 7.91 | 8.26 | 8.62 | 8.99 | 9.40 |
| | 43 | 6.80 | 9.22 | 11.99 | 15.15 | 18.74 | 22.66 | 7.88 | 8.43 | 8.92 | 9.38 | 9.80 | 10.28 |
| KIVM78 | 32 | 10.37 | 13.20 | 16.46 | 20.18 | 24.31 | 28.84 | 8.05 | 8.43 | 8.79 | 9.15 | 9.58 | 10.13 |
| | 38 | 9.03 | 11.79 | 14.99 | 18.60 | 22.63 | 27.06 | 8.77 | 9.31 | 9.78 | 10.24 | 10.75 | 11.33 |
| | 43 | 7.80 | 10.51 | 13.61 | 17.13 | 21.14 | 25.45 | 9.23 | 9.92 | 10.54 | 11.13 | 11.69 | 12.37 |

Note: The rating condition is based on a suction superheat of 10K, Subcool with the limits of the condensing unit.

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# KIV Microchannel Series
## Condensing Units

## R448A (Dew Point) Medium Temp

4.0 ▶ 10 ▶ HP

| Model | Ambient (°C) | Capacity (Watts) @20Hz | | | | | | Power Input (Watts) @20Hz | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Evaporating Temp (°C) | | | | | | Evaporating Temp (°C) | | | | | |
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 0.89 | 1.10 | 1.35 | 1.65 | 1.99 | 2.38 | 0.68 | 0.69 | 0.71 | 0.72 | 0.73 | 0.74 |
| | 38 | 0.83 | 1.02 | 1.26 | 1.54 | 1.87 | 2.24 | 0.75 | 0.76 | 0.77 | 0.79 | 0.80 | 0.81 |
| | 43 | 0.77 | 0.96 | 1.18 | 1.45 | 1.76 | 2.11 | 0.81 | 0.82 | 0.84 | 0.85 | 0.86 | 0.87 |
| KIVM42 | 32 | 1.05 | 1.36 | 1.69 | 2.07 | 2.52 | 3.04 | 0.82 | 0.85 | 0.86 | 0.88 | 0.89 | 0.90 |
| | 38 | 0.96 | 1.25 | 1.57 | 1.92 | 2.34 | 2.83 | 0.90 | 0.92 | 0.94 | 0.96 | 0.98 | 0.99 |
| | 43 | 0.88 | 1.15 | 1.45 | 1.78 | 2.17 | 2.64 | 0.97 | 1.00 | 1.02 | 1.04 | 1.06 | 1.08 |
| KIVM66 | 32 | 1.72 | 2.16 | 2.71 | 3.36 | 4.12 | 4.96 | 1.37 | 1.40 | 1.42 | 1.44 | 1.44 | 1.44 |
| | 38 | 1.59 | 2.01 | 2.53 | 3.15 | 3.87 | 4.67 | 1.49 | 1.53 | 1.55 | 1.57 | 1.57 | 1.57 |
| | 43 | 1.48 | 1.87 | 2.37 | 2.96 | 3.64 | 4.42 | 1.62 | 1.66 | 1.68 | 1.70 | 1.71 | 1.70 |
| KIVM78 | 32 | 2.19 | 2.79 | 3.52 | 4.36 | 5.32 | 6.36 | 1.45 | 1.49 | 1.52 | 1.55 | 1.57 | 1.58 |
| | 38 | 2.02 | 2.59 | 3.28 | 4.08 | 4.99 | 5.98 | 1.65 | 1.70 | 1.74 | 1.76 | 1.78 | 1.80 |
| | 43 | 1.87 | 2.41 | 3.06 | 3.83 | 4.69 | 5.64 | 1.85 | 1.90 | 1.94 | 1.97 | 1.99 | 2.00 |

| Model | Ambient (°C) | Capacity (Watts) @60Hz | | | | | | Power Input (Watts) @60Hz | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Evaporating Temp (°C) | | | | | | Evaporating Temp (°C) | | | | | |
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 2.86 | 3.42 | 4.15 | 5.02 | 6.03 | 7.17 | 1.67 | 1.71 | 1.76 | 1.80 | 1.83 | 1.86 |
| | 38 | 2.71 | 3.24 | 3.93 | 4.75 | 5.72 | 6.80 | 1.89 | 1.94 | 1.98 | 2.02 | 2.06 | 2.09 |
| | 43 | 2.58 | 3.09 | 3.74 | 4.53 | 5.44 | 6.47 | 2.10 | 2.15 | 2.19 | 2.23 | 2.27 | 2.31 |
| KIVM42 | 32 | 3.37 | 4.34 | 5.36 | 6.51 | 7.82 | 9.34 | 1.94 | 2.03 | 2.11 | 2.19 | 2.26 | 2.35 |
| | 38 | 3.06 | 3.96 | 4.91 | 5.97 | 7.19 | 8.61 | 2.16 | 2.26 | 2.35 | 2.44 | 2.53 | 2.63 |
| | 43 | 2.77 | 3.62 | 4.52 | 5.51 | 6.66 | 7.98 | 2.36 | 2.47 | 2.57 | 2.67 | 2.77 | 2.88 |
| KIVM66 | 32 | 5.51 | 6.84 | 8.40 | 10.22 | 12.27 | 14.56 | 3.38 | 3.50 | 3.61 | 3.70 | 3.78 | 3.85 |
| | 38 | 5.15 | 6.39 | 7.87 | 9.58 | 11.53 | 13.70 | 3.77 | 3.91 | 4.03 | 4.14 | 4.23 | 4.32 |
| | 43 | 4.83 | 5.99 | 7.39 | 9.03 | 10.88 | 12.97 | 4.15 | 4.30 | 4.44 | 4.55 | 4.66 | 4.76 |
| KIVM78 | 32 | 6.67 | 8.22 | 10.13 | 12.37 | 14.89 | 17.67 | 3.81 | 3.97 | 4.13 | 4.28 | 4.44 | 4.57 |
| | 38 | 6.18 | 7.65 | 9.47 | 11.59 | 13.98 | 16.60 | 4.29 | 4.48 | 4.65 | 4.84 | 5.01 | 5.17 |
| | 43 | 5.75 | 7.17 | 8.90 | 10.92 | 13.18 | 15.69 | 4.74 | 4.94 | 5.15 | 5.35 | 5.56 | 5.74 |

| Model | Ambient (°C) | Capacity (Watts) @100Hz | | | | | | Power Input (Watts) @100Hz | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Evaporating Temp (°C) | | | | | | Evaporating Temp (°C) | | | | | |
| | | -20 | -15 | -10 | -5 | 0 | 5 | -20 | -15 | -10 | -5 | 0 | 5 |
| KIVM33 | 32 | 4.45 | 5.41 | 6.62 | 8.04 | 9.64 | 11.39 | 3.16 | 3.29 | 3.42 | 3.53 | 3.65 | 3.75 |
| | 38 | 4.11 | 5.00 | 6.13 | 7.47 | 8.98 | 10.63 | 3.63 | 3.76 | 3.89 | 4.00 | 4.12 | 4.24 |
| | 43 | 3.81 | 4.65 | 5.71 | 6.97 | 8.41 | 9.97 | 4.08 | 4.20 | 4.33 | 4.45 | 4.57 | 4.70 |
| KIVM42 | 32 | 5.21 | 6.65 | 8.18 | 9.84 | 11.71 | 13.87 | 3.40 | 3.60 | 3.79 | 3.99 | 4.20 | 4.43 |
| | 38 | 4.67 | 6.02 | 7.43 | 8.97 | 10.70 | 12.69 | 3.80 | 4.02 | 4.24 | 4.46 | 4.70 | 4.97 |
| | 43 | 4.20 | 5.48 | 6.80 | 8.24 | 9.86 | 11.74 | 4.18 | 4.41 | 4.65 | 4.89 | 5.16 | 5.45 |
| KIVM66 | 32 | 8.75 | 10.71 | 13.03 | 15.68 | 18.70 | 22.06 | 6.14 | 6.46 | 6.78 | 7.11 | 7.43 | 7.75 |
| | 38 | 8.10 | 9.94 | 12.11 | 14.62 | 17.43 | 20.58 | 6.87 | 7.22 | 7.58 | 7.92 | 8.28 | 8.63 |
| | 43 | 7.53 | 9.29 | 11.33 | 13.69 | 16.37 | 19.34 | 7.58 | 7.95 | 8.34 | 8.71 | 9.07 | 9.44 |
| KIVM78 | 32 | 10.78 | 12.99 | 15.72 | 18.90 | 22.47 | 26.36 | 7.18 | 7.61 | 8.04 | 8.51 | 9.01 | 9.54 |
| | 38 | 9.89 | 11.99 | 14.55 | 17.54 | 20.89 | 24.54 | 8.01 | 8.48 | 8.98 | 9.51 | 10.07 | 10.67 |
| | 43 | 9.14 | 11.13 | 13.57 | 16.39 | 19.56 | 22.98 | 8.78 | 9.31 | 9.85 | 10.45 | 11.07 | 11.76 |

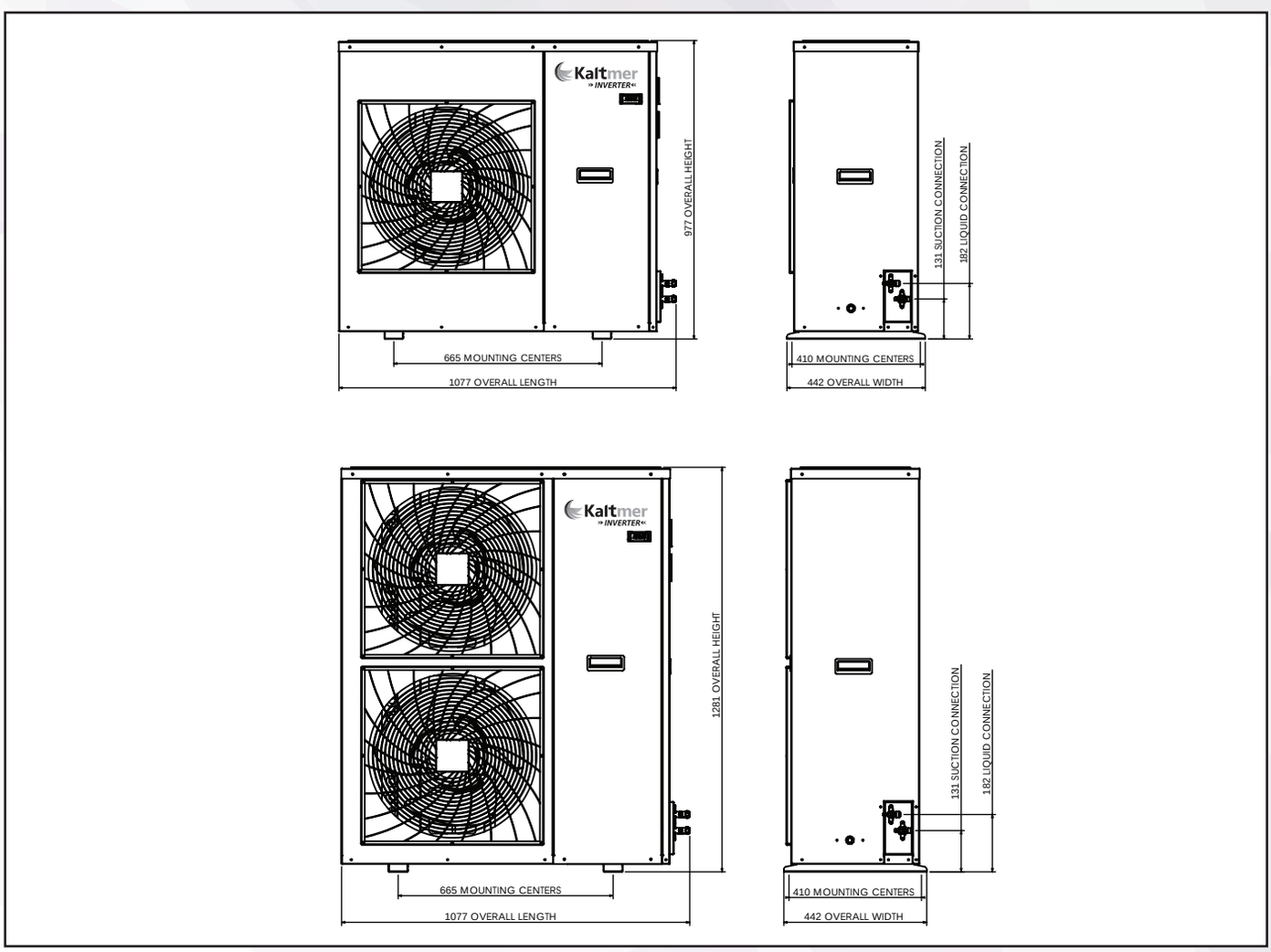
Note: The rating condition is based on a suction superheat of 10K, Subcool with the limits of the condensing unit.

# Technical Data

| Model Name | KIVM33 | KIVM42 | KIVM66 | KIVM78 |
|---|---|---|---|---|
| **COMPRESSOR** | | | | |
| Model | ADB33FCAMTS | ADB42FCAMTS | ADB66FDAMTS | ADB78FDAMTS |
| Voltage | 3PH AC 380-460V 50/60 Hz | | | |
| RLA Amps | 7.5 | 9.1 | 13.3 | 15.2 |
| MCC Amps | 13.08 | 13.08 | 21.5 | 23.75 |
| Oil Type | PVE 68 | | | |
| Oil Pre-charge | 1.9 L | | | |
| **CONDENSER** | | | | |
| Airflow ($m^3$/ hr) | 5,200 | 5,200 | 8,700 | 8,700 |
| No. Fan Motor (1) | 1 x 20" | 1 x 20" | 2 x 20" | 2 x 20" |
| Total Watts | 236 | 236 | 472 | 472 |
| Receiver (litre) | 7.9 | 7.9 | 7.9 | 7.9 |
| Suction size | 7/8" | 7/8" | 1-1/8" | 1-1/8" |
| Liquid size | 1/2" | 1/2" | 1/2" | 5/8" |
| Weight (kg) | 100 | 103 | 120 | 130 |
| Noise level (dBA) (2) | 63 | 63 | 64 | 64 |

Note : (1) All fans 220-240V / 1PH / 50Hz
(2) All noise level rating are "Free Field" based at a distance of 2.0 meters and 100 RPS

# Dimension

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