

# Industrial Chiller, TAL



The Industrial Water Chiller TAL provides precision and reliability in a compact design. The high cooling precision enhances production quality, leading to more consistent and superior outcomes. The large range of accessories and options allow multiple chiller configurations to meet different application needs. TAL chiller has an eco-friendly design with high-performance components.

## INDUSTRY STANDARDS

CE; UKCA

## FEATURES

Hermetic compressor.

Refrigeration circuit brass pipes.

Welded brazed stainless plate evaporator.

High-efficiency condensing coil.

Axial fan.

Non-ferrous material fluid circuit non-ferrous.

Standard liquid circuit with open reservoir and pump.



## SPECIFICATIONS

Table 1/2

| Catalog Number | Nominal Capacity Watts @50Hz | Nominal Capacity Watts @60Hz | Fluid Type | Nominal Voltage  | Rated Frequency | Refrigerant  |
|----------------|------------------------------|------------------------------|------------|------------------|-----------------|--------------|
| TAL24          | 2300W                        | 2700W                        | Water      | 230V             | 50 – 60Hz       | R134a, R513A |
| TAL37          | 3600W                        | 4200W                        | Water      | 230V, 400V, 460V | 50 – 60Hz       | R134a, R513A |
| TALB5          | 24800W                       | 24800W                       | Water      | 400V, 460V       | 50 – 60Hz       | R410A, R513A |
| TALE6          | 55000W                       | 55000W                       | Water      | 400V, 460V       | 50 – 60Hz       | R410A, R513A |

| Catalog Number | Nominal Capacity Watts @50Hz | Nominal Capacity Watts @60Hz | FluidType | Nominal Voltage | Rated Frequency | Refrigerant  |
|----------------|------------------------------|------------------------------|-----------|-----------------|-----------------|--------------|
| TALD9          | 47000W                       | 47000W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A, R513A |
| TALD0          | 40000W                       | 40000W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A, R513A |
| TALC5          | 35800W                       | 35800W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A        |
| TALB9          | 29000W                       | 29000W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A, R513A |
| TALC6          | 35800W                       | 35800W                       | Water     | 400V, 460V      | 50 – 60Hz       | R513A        |
| TALB0          | 20100W                       | 20100W                       | Water     | 400V, 460V      | 50 – 60Hz       | R513A        |
| TALF8          | 67000W                       | 67000W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A        |
| TALA8          | 20100W                       | 20100W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A        |
| TALA5          | 17800W                       | 17800W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A, R513A |
| TALA3          | 12400W                       | 12400W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A, R513A |
| TALM0          | 110000W                      | 110000W                      | Water     | 400V, 460V      | 50 – 60Hz       | R410A, R513A |
| TALO6          | 134000W                      | 134000W                      | Water     | 400V, 460V      | 50 – 60Hz       | R410A        |
| TALI4          | 94000W                       | 94000W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A, R513A |
| TALG9          | 80000W                       | 80000W                       | Water     | 400V, 460V      | 50 – 60Hz       | R410A, R513A |
| TALF9          | 67000W                       | 67000W                       | Water     | 400V, 460V      | 50 – 60Hz       | R513A        |
| TAL57          | 6000W                        | 6000W                        | Water     | 400V, 460V      | 50 – 60Hz       | R134a, R513A |

Table 2/2

| Catalog Number | Nominal Capacity Watts @50Hz | Nominal Capacity Watts @60Hz | Fluid Type | Nominal Voltage | Rated Frequency | Refrigerant  |
|----------------|------------------------------|------------------------------|------------|-----------------|-----------------|--------------|
| TAL46          | 4550W                        | 4550W                        | Water      | 400V, 460V      | 50 – 60Hz       | R134a, R513A |
| TALA0          | 10900W                       | 10900W                       | Water      | 400V, 460V      | 50 – 60Hz       | R134a, R513A |
| TAL76          | 8100W                        | 8100W                        | Water      | 400V, 460V      | 50 – 60Hz       | R134a, R513A |
| TAL29          | 2900W                        | 2900W                        | Water      | 400V, 460V      | 50 – 60Hz       | R134a, R513A |
| TAL93          | 9550W                        | 9550W                        | Water      | 400V, 460V      | 50 – 60Hz       | R134a, R513A |

## ADDITIONAL PRODUCT DETAILS

A large range of accessories and options allow multiple configurations to meet different application needs.

## WARNING

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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