



Model: RTAC 3504 UZ0H UAFN L1TY 1CDB NN6T A10C ROEX N

Model Number Descriptions

Digits 1, 2 - Unit Model

RT = Rotary chiller

Digit 3 - Unit Type

A = Air-cooled

Digit 4 - Development Sequence

C = Development sequence

Digits 5, 6 & 7 - Nominal Capacity

140 = 140 Nominal tons
155 = 155 Nominal tons
170 = 170 Nominal tons
185 = 185 Nominal tons
200 = 200 Nominal tons
225 = 225 Nominal tons
250 = 250 Nominal tons
275 = 275 Nominal tons
300 = 300 Nominal tons
350 = 350 Nominal tons
400 = 400 Nominal tons
450 = 450 Nominal tons
500 = 500 Nominal tons

Digit 8 - Unit Voltage

A = 200/60/3
C = 230/60/3
J = 380/60/3
4 = 460/60/3
5 = 575/60/3

Digit 9 - Manufacturing Location

U = Water Chiller Business Unit,
Pueblo, CO USA

Digits 10, 11 - Design Sequence

****** = Factory Input

Digit 12 - Unit Basic Configuration

N = Standard efficiency/performance
H = High efficiency/performance
A = Extra efficiency/performance

Digit 13 - Agency Listing

N = No agency listing
U = C/UL listing
S = Seismic rated - IBC and OSHPD
R = C/UL listed and seismic rated

Digit 14 - Pressure Vessel Code

A = ASME pressure vessel code
C = Canadian code
D = Australian code
L = Chinese code

Digit 15 - Evaporator Application

F = Standard (40-60°F) leaving temp
G = Low (Less than 40°F) leaving temp
R = Remote (40-60°F) leaving temp

Digit 16 - Evaporator Configuration

N = 2 pass, 0.75" insulation
P = 3 pass, 0.75" insulation
Q = 2 pass, 1.25" insulation
R = 3 pass, 1.25" insulation

Digit 17 - Condenser Application

N = Standard ambient (25-115°F)
H = High ambient (25-125°F)
L = Low ambient (0-115°F)
W = Wide ambient (0-125°F)

Digit 18 - Condenser Fin Material

1 = Standard aluminum slit fins
2 = Copper fins
4 = CompleteCoat™ epoxy coated fins

Digit 19 - Condenser Fan/Motor Configuration

T = STD fans with TEAO motors
W = Low noise fans

Digit 20 - Compressor Motor Starter Type

X = Across-the-line
Y = Wye-delta closed transition

Digit 21 - Incoming Power Line Connection

1 = Single point power connection
2 = Dual point power connection

Digit 22 - Power Line Connection Type

T = Terminal block connection
D = Non-fused disconnect switch(es)
C = Circuit breaker(s)

Digit 23 - Unit Operator Interface

D = DynaView™ operator interface

Digit 24 - Remote Operator Interface

N = No remote interface
C = Tracer® Comm 3 interface
B = BACnet® interface
L = LonTalk® compatible (LCI-C) interface

Digit 25 - Control Input Accessories/Options

N = No remote inputs
R = Ext. evaporator leaving water setpoint
C = Ext. current limit setpoint
B = Ext. leaving water and current limit setpoint

Digit 26 - Control Output Accessories/Options

N = No output options
A = Alarm relay outputs
C = Ice making I/O
D = Alarm relay outputs and ice making I/O

Digit 27 - Electrical Protection Options

0 = No short circuit rating
5 = Default short circuit rating
6 = High amp short circuit rating

Digit 28 - Flow Switch

T = Factory installed flow switch, water
U = Factory installed flow switch, non-water fluids

Digit 29 - Control Panel Accessories

N = No convenience outlet
A = 15A 115V convenience outlet (60Hz)

Digit 30 - Service Valves

0 = No suction service valves
1 = With suction service valves

Digit 31 - Compressor Sound Attenuation Option

0 = No compressor sound attenuation
1 = Factory installed compressor sound attenuation

Digit 32 - Appearance Options

N = No appearance options
A = Architectural louvered panels
C = Half louvers

Digit 33 - Installation Accessories

N = No installation accessories
F = Flange kit for water connections
R = Neoprene in shear unit isolators
G = Neoprene isolators and flange kit
E = Seismic elastomeric isolation pads
S = Seismic spring isolators

Digit 34 - Factory Testing Options

0 = Standard functional test
C = Witness performance test with report
E = Performance test with report

Digit 35 - Control, Label & Literature

C = Spanish
E = English
F = French

Digit 36 - Special Order

X = Standard unit configuration
F = Ship to final finisher
S = Unit has special order feature

Digit 37 - Safety Devices

N = Standard