

MODEL NUMBER DESCRIPTION CHHN COMPRESSOR

Parts List Number CHHNUP1
Model Number CHHN040TKA0N5CA

75002165
Revision "A"

C	H	H	N	0	3	5	D	K	A	0	N	0	7	0	N
1-2-3	4	5-6-7	8	9	10	11	12	13	14	15	16				

DIGIT 1 Compressor series
C = Compressor

DIGIT 12 Capacity Limit
N = Standard Capacity Control
(no capacity limit)

DIGIT 2 Helical Rotary
(Twin Screw)
H = Helical Rotary

DIGIT 13, 14 & 15 Motor KW Rating
(Nominal Input)

036 = 35 Ton, 50 HZ
043 = 35 Ton, 60 HZ
041 = 40 Ton, 50 HZ
050 = 40 Ton, 60 HZ
048 = 50 Ton, 50 HZ
057 = 50 Ton, 60 HZ
058 = 60 Ton 50, HZ
060 = 60 Ton, 60 HZ

DIGIT 3 Hermetic
H = Hermetic

DIGIT 4 Motor Type
N = 3600 RPM, servicable
Suction Gas Cooled Motor
No Economizer

DIGIT 5,6 & 7 Capacity
@ ARI Test Conditions)
035 = 35 Tons
040 = 40 Tons
050 = 50 Tons
060 = 60 Tons

DIGIT 16 Volume Ratio
N = Low Volume Ratio
A = High Volume Ratio
B = Optional Volume Ratio
(to be determined)
S = Special Customer Option

Digit 8 Motor Voltage
A = 200 / 60 / 3
C = 230 / 60 / 3
D = 380 / 60 / 3
H = 575 / 60 / 3
J = 345 / 50 / 3
M = 363 / 50 / 3
R = 220 / 50 / 3
T = 400 / 50 / 3 - 460 / 60 / 3

DIGIT 9 Relief Pressure Internal Relief
K = 450 PSI

DIGIT 10 & 11 Design Sequence
AO = First Design
RO = Remanufactured



MODEL NUMBER DESCRIPTION
FOR MODEL CHHB 70 – 100 TON **RTAA132**

CHH	B	100	T	K	A	O	N	100		A
1-2-3	4	5,6 & 7	8	9	10-11	12	13,14,15	16		

DIGIT 1 Compressor Series

C = Compressor

DIGIT 2 Type

H = Helical Rotary

DIGIT 3 Classification

H = Hermetic

DIGIT 4 Development Sequence

A 3600 RPM ,Serviceable
Liquid cooled motor
Integral economizer

B. 3600 RPM, serviceable
Suction gas cooled
Motor

DIGITS 5,6 & 7 Capacity

@ ARI test conditions

070 70 Tons

085 85 Tons

100 100 Tons

DIGIT 8 Motor Voltage

D 380 / 60 / 3

H 575 / 60 / 3

J 346 / 50 / 3

M 363 / 50 / 3

P 200-230 / 60 / 3

R 220 / 50 / 3

T 400 / 50 / 3 – 460 / 60 / 3

DIGIT 9 Relief Pressure (Usage)

A. 300 PSI (Water Cooled)

J * 400 PSI (Heat Recovery)

K 450 PSI (Air Cooled)

S * Special ; Customer Option

DIGIT 10 – 11 Design Sequence

AO First design, etc, increment when
parts are affected for service
purposes

RO Remanufactured

DIGIT 12 Capacity Limit

N Standard capacity controls
(no capacity limits)

A Minimum unload stop
(size to be determined)

B Minimum unload stop
(size to be determined)

S Special customer option

**DIGIT 13,14,15 Motor KW rating
(Maximum input)**

089 89 KW

100 100 KW

120 120 KW

DIGIT 16 Volume Ratio

N Standard water cooled volume ratio

A Standard air cooled volume ratio

B Optional volume ratio
(Size to be determined)

S Special Customer Option

SERIES "R" COMPRESSOR MODEL NUMBER DESCRIPTION **FOR MODEL CHHB 120 – 450 TON** **75000954**

CHH	A	140	F	A	A 0	N	109	N	N	N
1-2-3	4	5,6 & 7	8	9	10-11	12	13,14, 15	16	17	18

DIGIT 1 Compressor Series

C = Compressor

DIGIT 2 Type

H = Helical Rotary

DIGIT 3 Classification

H =Hermetic

DIGIT 4 Development Sequence

A = 1st Major development

DIGIT 9 Relief Pressure (Usage)

A. 300 PSI (Water Cooled)

J * 400 PSI (Heat Recovery)

K 450 PSI (Air Cooled)

S * Special ; Customer Option

DIGIT 10 – 11 first design, etc. increment
when parts are affected
For service purposes

DIGITS 5,6 & 7 Capacity

@ ARI test conditions

120 120 Tons

140 140 Tons

170 170 Tons

200 200 Tons

240 240 Tons

250 250 Tons

360 360 Tons

450 450 Tons

DIGIT 12 Capacity Limit

N Standard capacity controls
(no capacity limits)

A Minimum unload stop
(size to be determined)

B Minimum unload stop
(size to be determined)

S Special customer option

DIGIT 8 Motor Voltage

A 200 / 60 / 3

C 230 / 60 / 3

M 363 / 50 / 3

D 380 / 60 / 3

F 460 / 60 / 3

W 400 / 50 / 3

H 575 / 60 / 3

R 380 / 50 / 3

U 415 / 50 / 3

DIGIT 13,14,15 Motor KW rating
(Maximum input)

107 107 KW (130 T / 60 HZ)

108 108 KW (130T / 50 HZ)

120 120 KW (150T / 60 HZ)

121 121 KW (150T / 50 HZ)

144 144 KW (150T / 60 HZ OPTIONAL)

145 145 KW (180T / 60 HZ)

146 146 KW (180T / 50 HZ)

156 156 KW (215T / 60 HZ)

157 157 KW (215T / 50 HZ)

194 194 KW (255T / 50 HZ)

197 197 KW (255T / 60 HZ)

198 198 KW (215T / 60 HZ OPTIONAL)

224 224 KW (300T / 50 HZ)

226 226 KW (300T / 60HZ)

271 271 KW (300T / 60 HZ OPTIONAL)

276 276 KW (380T / 50 HZ)

277 277 KW (380T / 60 HZ)

324 324 KW (450T / 60 HZ)

325 325 KW (450T / 50 HZ)

389 389 KW (450T / 60 HZ OPTIONAL)

DIGIT 17 REFRIG OIL COOLER

N = LESS OIL COOLER

W = WITH OIL COOLER

DIGIT 18 OIL LEVEL SENSOR

N = LESS OIL COOLER SENSOR

W = WITH OIL COOLER SENSOR

DIGIT 16 Volume Ratio

N Standard slide valve & volume ratio

A Optional slide valve & volume ratio
(Size to be determined)

B Optional slide valve & volume ratio
(size to be determined)

S Special slide valve & volume ratio

* Instead of - Denotes that this
option assignment has been made
but is not available at this time