

Carrier 30 RY 080

Specifications

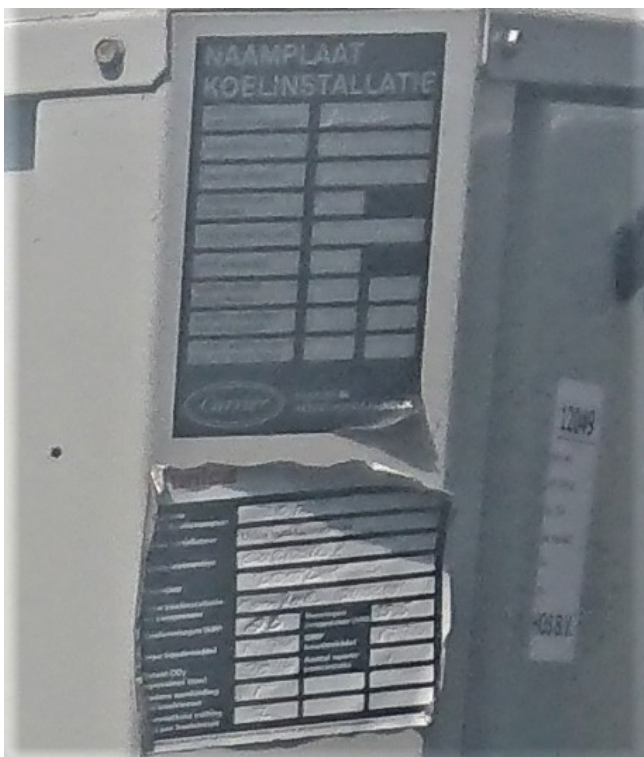
Marka	Carrier
Typ	30 RY 080
Typ produktu	Indoor chiller
Ogólna wydajność w kW	79,0
Ogólna wydajność w	22,4
Tonaż	
Czynnik chłodzący	Freon
Typ czynnika chłodzącego	R407C
Liquid buffer tank	✓
Pump	✓
Moduł hydrauliczny	✓
Waga kg.	649
Compressor(s) type & model	scroll compressoren 48.3 r/s (x2)
Number of fans	1
Uwagi	Y.o.b. 2002
Remarks	compr running hours 4880 / 4400
Stock	1



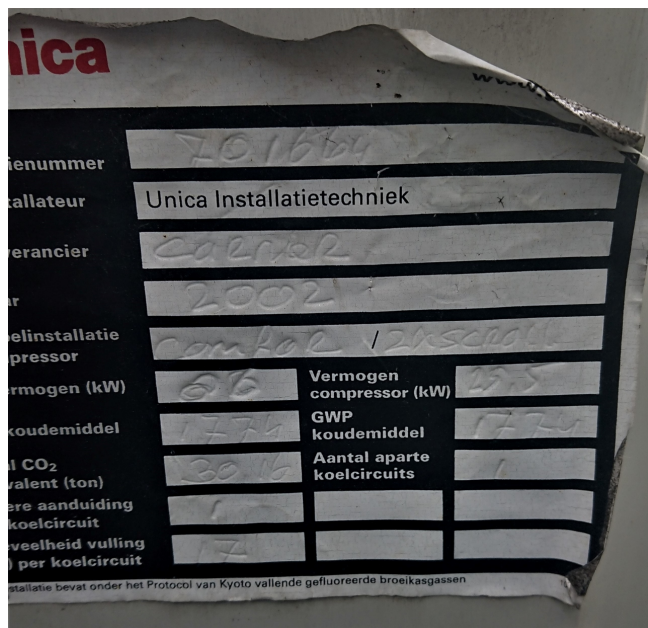
Description

Used Carrier 30 RY 080

Used, but in good condition, Carrier 30 RY 080 Ductable air cooled Liquid Chiller for indoor use. This used water chiller has 2 hermetic scroll compressors a pump and a liquid buffer tank and hydronic module. With 1 fan
 *All components of this used chiller will be tested on good working, leak free condition (condensing blocks), compressors, fans, control panel, etcetera). Choosing HOSBV means buying with warranty. We perform a industrial cleaning and rust spots will be covered. Also, we can arrange your shipment.



NAAMPLAAT KOELINSTALLATIE	
INSTALLATIE IDENTIFICATIENUMMER	701664
NAAM INSTALLATEUR	30R1000
NAAM LEVERANCIER	Wolter + Dros
JAAR INSTALLATIE CONTROLE	2002
TYPE KOELINSTALLATIE	30R1000
TYPE KOELMIDDEL	R404A
AANTAL APARTE KOELCIRCUITS	1
NADERE AANDUIDING PER KOELCIRCUIT	
HOVEELHEID VULLING (Kg) PER KOELCIRCUIT	17
 CARRIER BV HAZERSWOUDE-RIJNDIJK	



4 - PHYSICAL DATA

385V	017	021	026	033	040	050	060	070	080
Net rated cooling capacity ¹	15.6	23.1	29.9	37.2	45.4	50.0	58.0	67.0	79.0
Operating weight	kg	386	416	436	451	510	572	587	626
with hydronic module, single pump									
without hydronic module, dual pump									
Refrigerant charge R-407C	kg	6.6	6.3	7.45	7.85	9.75	11.1	11.8	13.3
Compressors									
Quantity	1	1	1	1	1	2	2	2	2
No. of capacity stages	1	1	1	1	1	2	2	2	2
Minimum capacity	%	100	100	100	100	100	48	42	50
Control type	PRO-DUALOG Plus								
Condenser	Coiled copper tubes, aluminum fins								
Fan	Axial with variable pressure								
Quantity	1	1	1	1	1	1	1	1	1
Available static pressure	Pa	100	100	100	100	100	100	100	100
Total air flow (high speed)	m³/s	1940	1940	1940	2200	2200	2200	2200	2200
Speed (high speed)	rpm	2410	2410	2410	2410	2410	2410	2410	2410
Evaporator	Direct-expansion welded plate heat exchanger								
Water volume	l	1.6	2.0	2.3	3.0	3.6	4.6	5.9	6.5
Max. water-side operating pressure	MPa	1000	1000	1000	1000	1000	1000	1000	1000
Option without hydronic module									
Unit with hydronic module									
Hydronic module	Single multistage pump, 48.3 r/s								
Pump configuration									
Quantity	1	1	1	1	1	1	1	1	1
Expansion tank volume	l	8	8	8	8	12	12	12	12
Expansion tank pressure ²	MPa	50	50	50	50	100	100	100	100
Water connections	Threaded male gas connections								
Unit with hydronic module									
Unit without hydronic module									
Quantity	1	1	1	1	1	1	1	1	1
Expansion tank volume	l	8	8	8	8	12	12	12	12
Expansion tank pressure ²	MPa	50	50	50	50	100	100	100	100
Water connections	Threaded male gas connections								
Unit with hydronic module									
Unit without hydronic module									
Quantity	1	1	1	1	1	1	1	1	1
Expansion tank volume	l	8	8	8	8	12	12	12	12
Expansion tank pressure ²	MPa	50	50	50	50	100	100	100	100
Water connections	Threaded male gas connections								
Unit with hydronic module									
Unit without hydronic module									
Quantity	1	1	1	1	1	1	1	1	1
Expansion tank volume	l	8	8	8	8	12	12	12	12
Expansion tank pressure ²	MPa	50	50	50	50	100	100	100	100
Water connections	Threaded male gas connections								
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Quantity	1	1	1	1	1	1	1	1	1
Expansion tank volume	l	8	8	8	8	12	12	12	12
Expansion tank pressure ²	MPa	50	50	50	50	100	100	100	100
Water connections	Threaded male gas connections								
Unit with hydronic module									
Unit without hydronic module									
Quantity	1	1	1	1	1	1	1	1	1
Expansion tank volume	l	8	8	8	8	12	12	12	12
Expansion tank pressure ²	MPa	50	50	50	50	100	100	100	100

¹ Nominal conditions: evaporator entering/leaving temperature 12/8°C, outdoor air temperature 35°C.
² When delivered, the pre-inflation of the tank keeps the plate membrane in the upper part of the tank. To permit changing the water volume, change the air pressure to a pressure that is close to the static head of the system (see below). With the system with water (gassing the air) to a pressure value that is 10 to 20 r/s.

Static head, air pressure, bar/Pressure, MPa
 5 - 0.5 - 50 / 10 - 1 - 100 / 15 - 1.5 - 150 / 20 - 2 - 200 / 25 - 2.5 - 250