HOOAIR

YOUR PERFECT PARTNER

HOOAIR Air - Conditioners
Coils & Accessory parts

Evaporator Coil / Water Coil & Condenser
揮發器/冷、熱水盤管/散熱盤管 P. 1

Water-Cooled Condensers (Shell & Tube Type)
HOOAIR(HWWCC)殼管式冷凝器系列 P. 2

Water-Cooled Condensers (Shell & Tube Type)
HOOAIR(HWWCC)殼管式冷凝器系列 P. 3

Direct-Expansion Liquid Coolers (Shell & Tube Type)
HOOAIR(HWDXC)殼管式液體揮發器系列 P. 4

Direct-Expansion Liquid Coolers (Shell & Tube Type)
HOOAIR(HWDXC)殼管式液體揮發器系列 P. 5

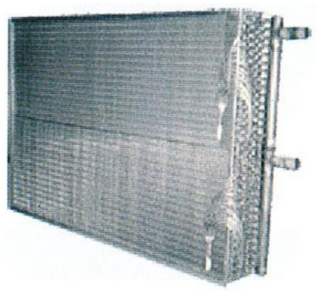
H.W. International Air Conditioning Ltd.

Evaporator Coil / Water Coil & Condenser

揮發器/冷、熱水盤管/散熱盤管

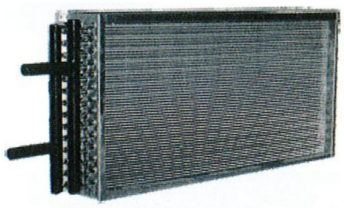
HOOAIR (HW-Coil) SERIES

Copper tube coil with:
- Aluminium fins;
- Aluminium blue epoxy coating fins;
- Copper fins



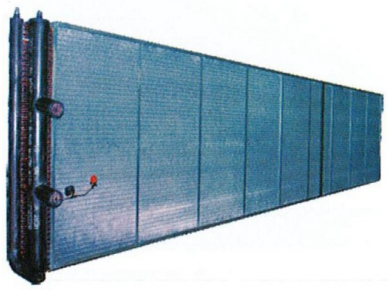
雪種蒸發盤管

DIRECT – EXPANSION COILS (DX SERIES)-
Is Offered With Our Direct Expansion Coils, Circuiting And Distributors For Refrigerant R-22 At Conditions, Are Pre-engineered. Providing Fast And Efficient Selection Ensuring Optimum Performance.



冷水盤管

CHILLER WATER COILS (CW SERIES) -
Alum Fins These Coils Are Drainable With Only One Drain And One Vent, We Offers A Wide Choice Of Circuiting, Ranging From 2 To 16 Passes To Obtain The Maximum Performance Possible With Out Excessive Water Pressure Drops.



全香港最大 300-TON 風冷離心機組散熱器
（5/8”，4行 ； 701/2”高 X 3903/8”长 X 6”闊）
客戶：香港電燈有限公司
THE BIGER 300-TON CENTRIFUGAL SYSTEM CONDENSER
CUSTOM: THE HONG KONG ELECTRIC CO., LTD.(AP LI CHAU)

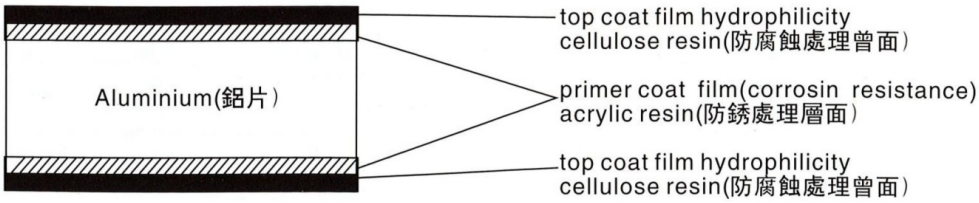
We have steam coil, condenser coils and radiator coils. Computer designed for optimum performance. Free flow coil provides 9.52mm, 12.7mm and 15.875mm. Rows depth range form 2 to 12 rows. Fin space 8-17 fins/inch and provides custom made design suitable for all import cooling and condensers coil replacement coil length limit 400 ” (10m).

提供蒸汽、冷（熱）水、冷凝器，蒸發器等盤管，具有國際先進水平的電腦軟件進行設計，幫助用戶在各種情况下進行選型，提供直徑為9.52mm、12.7mm、15.875mm的銅管，排管行數由2行至12行，翅片數由1寸8件至1寸17件。特別提供按客戶要求各種品牌的盤管的替換，盤管長度可超過400英寸（10米）。

PRECOAT FIN/EPOXY COATING
防腐蝕及防銹處理鋁片

Type:DC101

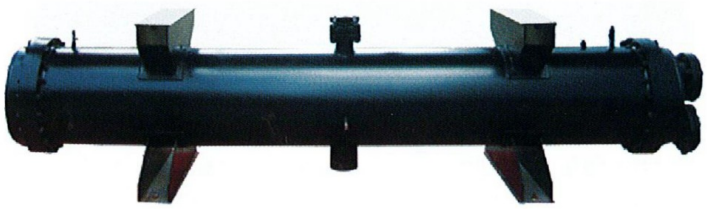
Aluminum made heat exchanger is surface treated, adding to it hydrophilic functions as to improve heat exchange efficiency in addition to corrosion resistence
In recent years, high social level is reflected In the requirements to multi functional surface treatment capable of preventing nasty smell occurrence and fungus germination simultaneously



Water-Cooled Condensers (Shell & Tube Type)

HOOAIR(HWWCC)殼管式冷凝器系列

HOOAIR (HWWCC)
SERIES 003A-220A



All factors such as material, process equipment, producing procedure, before / after sale services and test qualification certificate approved by National Pressure Vessel Department should all be considered when choosing heat exchanger. We have single circuit, double circuit, triple circuit Water-Cooled Condensers.

原材料，加工設備等都經過廠家嚴格的選擇，生產工藝以及售前，售后服務都經過廠家精心的安排，并取得國家壓力容器安全部門的檢測合格證書。提供單壓縮機設計水冷冷凝器，雙壓縮機設計水冷冷凝器，三壓縮機設計水冷冷凝器。

HWWCC single circuit Condensers (13.2kw–967.0kw)(單壓縮機用冷凝器)

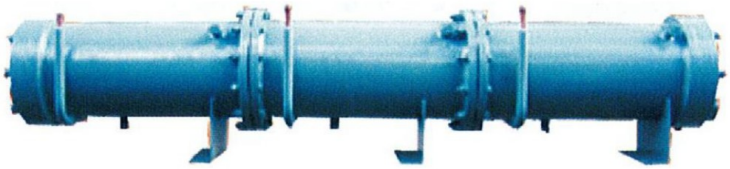
Item 項目	Model 型號	Total Heat Rejection 散熱量(kw)	Dimension 外形尺寸(mm)	Connection 出入喉尺寸(inch)			Weight 重量(kg)	Water Flow 水流量 (L/S)	Water PD. 水壓降 (kPa)
			Length and Dia.長度和直	Inlet	Outlet	Connection			
1	HWWCC003A	13.2	733 xφ114	5/8 ”	1/2 ”	1 ”	23	0.63	2.9
2	HWWCC004A	17.6	737 xφ140	5/8 ”	1/2 ”	1-1/2 ”	31	0.84	3.1
3	HWWCC005A	22.0	865 xφ140	5/8 ”	1/2 ”	1-1/2 ”	35	1.05	5.3
4	HWWCC006A	26.4	925 xφ140	7/8 ”	5/8 ”	1-1/2 ”	38	1.25	5.1
5	HWWCC008A	35.2	1023 xφ140	7/8 ”	5/8 ”	1-1/2 ”	41	1.67	8.2
6	HWWCC010A	44.0	1160 xφ165	7/8 ”	5/8 ”	2 ”	60	2.10	12.2
7	HWWCC012A	52.7	1315 xφ165	7/8 ”	5/8 ”	2 ”	66	2.53	18.3
8	HWWCC015A	66.0	1315 xφ165	1-1/8 ”	7/8 ”	2 ”	73	3.14	14.9
9	HWWCC020A	87.9	1350 xφ219	1-1/8 ”	7/8 ”	2-/2 ”	108	4.19	16.3
10	HWWCC025A	110.0	1621 xφ219	1-3/8 ”	7/8 ”	2-1/2 ”	134	5.23	28.5
11	HWWCC030A	131.8	1871 xφ219	1-3/8 ”	7/8 ”	2-1/2 ”	151	6.30	45.2
12	HWWCC035A	153.8	1871 xφ219	1-3/8 ”	7/8 ”	2-1/2 ”	159	7.32	42.5
13	HWWCC040A	175.8	1871 xφ219	1-5/8 ”	1-1/8 ”	2-1/2 ”	166	8.37	41.5
14	HWWCC050A	219.8	1871 xφ273	2-1/8 ”	1-3/8 ”	3 ”	242	10.47	43.7
15	HWWCC065A	285.7	2535 xφ273	2-1/8 ”	1-3/8 ”	3 ”	270	13.60	62.8
16	HWWCC080A	351.7	2623 xφ325	2-5/8 ”	1-5/8 ”	4 ”	369	16.75	62.8
17	HWWCC100A	439.6	2623 xφ325	2-5/8 ”	1-5/8 ”	4 ”	406	21.0	6.57
18	HWWCC120A	527.5	2620 xφ351	2-5/8 ”	1-5/8 ”	5 ” (法蘭)	461	25.11	65.2
19	HWWCC150A	659.4	2680 xφ402	2-5/8 ”	1-5/8 ”	5 ” (法蘭)	595	31.4	67.8
20	HWWCC180A	791.3	3240 xφ402	2-5/8 ”	1-5/8 ”	5 ” (法蘭)	693	37.70	113.7
21	HWWCC200A	879.2	3240 xφ402	2-5/8 ”	1-5/8 ”	5 ” (法蘭)	725	41.90	109.7
22	HWWCC210A	923.2	3240 xφ402	2-5/8 ”	1-5/8 ”	5 ” (法蘭)	725	44.0	116.2
23	HWWCC220A	967.0	3240 xφ402	2-5/8 ”	1-5/8 ”	5 ” (法蘭)	746	46.0	114.9

Remarks: * Capacity Based on Evaporating temperature 2℃,Condensing temperature 40℃,Subcooling temperature 5℃,Entering water temperature 30℃, off water temperature 35℃.
* The above specifications are subject to change without notice. （規格及參數改動恕不另行通知）

Water-Cooled Condensers (Shell & Tube Type)

HOOAIR(HWWCC)殼管式冷凝器系列

HOOAIR (HWWCC)
SERIES 010B-300B



All factors such as material, process equipment, producing procedure, before / after sale services and test qualification certificate approved by National Pressure Vessel Department should all be considered when choosing heat exchanger. We have single circuit, double circuit, triple circuit Water-Cooled Condensers.

原材料，加工設備等都經過廠家嚴格的選擇，生產工藝以及售前，售后服務都經過廠家精心的安排，并取得國家壓力容器安全部門的檢測合格證書。

提供單壓縮機設計水冷冷凝器，雙壓縮機設計水冷冷凝器，三壓縮機設計水冷冷器。

HWWCC double circuit Condensers (44.0kw–1318.8kw)(雙壓縮機用冷凝器)

Item 項目	Model 型號	Total Heat Rejection 散熱量(kw)	Dimension 外形尺寸(mm)	Connection 出入喉尺寸(inch)			Weight 重量(kg)	Water Flow 水流量 (L/S)	Water PD. 水壓降 (kPa)
			Length and Dia. 長度和直徑	Inlet	Outlet	Connection			
1	HWWCC010B	44.0	1369 xϕ140	7/8 ”	5/8 ”	2 ”	63	2.10	18.2
2	HWWCC013B	57.2	1369 xϕ165	7/8 ”	5/8 ”	2 ”	84	2.73	17.7
3	HWWCC016B	70.3	1628xϕ165	7/8 ”	5/8 ”	2 ”	95	3.35	29.8
4	HWWCC020B	88.0	1628xϕ165	7/8 ”	5/8 ”	2 ”	101	4.19	27.1
5	HWWCC024B	105.5	1658xϕ219	7/8 ”	5/8 ”	2-1/2 ”	138	5.0	29.1
6	HWWCC028B	123.1	1764xϕ219	1-1/8 ”	7/8 ”	2-1/2 ”	145	5.86	30.7
7	HWWCC030B	131.9	1960xϕ219	1-1/8 ”	7/8 ”	2-1/2 ”	173	6.28	39.4
8	HWWCC040B	175.8	1960xϕ219	1-1/8 ”	7/8 ”	2-1/2 ”	192	8.37	47.1
9	HWWCC050B	219.8	1970xϕ273	1-3/8 ”	7/8 ”	3 ”	271	10.47	45.0
10	HWWCC060B	263.8	2272xϕ273	1-3/8 ”	7/8 ”	3 ”	295	12.56	72.7
11	HWWCC070B	307.7	2582xϕ273	1-3/8 ”	7/8 ”	3 ”	322	14.65	107.2
12	HWWCC080B	351.7	2582xϕ273	1-5/8 ”	1-1/8 ”	3 ”	350	16.75	90.5
13	HWWCC100B	439.6	2630Xϕ325	2-1/8 ”	1-3/8 ”	4 ”	433	20.95	92.4
14	HWWCC130B	571.5	2627xϕ351	2-1/8 ”	1-3/8 ”	4 ”	540	27.25	100
15	HWWCC160B	703.4	2627xϕ351	2-5/8 ”	1-5/8 ”	4 ”	552	33.50	104
16	HWWCC200B	879.2	2687xϕ402	2-5/8 ”	1-5/8 ”	5 ” (法蘭)	699	41.87	100.6
17	HWWCC210B	923.2	2687xϕ402	2-5/8 ”	1-5/8 ”	5 ” (法蘭)	718	43.96	101.0
18	HWWCC240B	1055.0	2781xϕ450	2-5/8 ”	1-5/8 ”	6 ” (法蘭)	890	50.25	99.9
19	HWWCC300B	1318.8	3333xϕ450	2-5/8 ”	1-5/8 ”	6 ” (法蘭)	1038	62.80	162.9

Remarks: * Capacity Based on Evaporating temperature 2℃,Condensing temperature 40℃,Subcooling temperature 5℃,Entering water temperature 30℃, off water temperature 35℃.
* The above specifications are subject to change without notice. (規格及參數改動恕不另行通知)

Direct-Expansion Liquid Coolers (Shell & Tube Type)

HOOAIR(HWDXC)殼管式液體揮發器系列

HOOAIR (HWDXC)
SERIES 003A-240A

All factors such as material, process equipment, producing procedure, before / after sale services and test qualification certificate approved by National Pressure Vessel Department should all be considered when choosing heat exchanger.
We have single circuit, double circuit, triple circuit Evaporators.
原材料，加工設備等都經過廠家嚴格的選擇，生產工藝以及售前，售后服務都經過廠家精心的安排，并取得國家壓力容器安全部門的檢測合格證書。
提供單壓縮機設計蒸發器，雙壓縮機設計蒸發器，三壓縮機設計蒸發器。

HWDXC single circuit Evaporators (10.5kw–844.0kw)(單壓縮機用蒸發器)

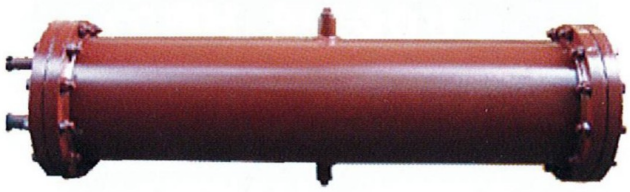
Item 項目	Model 型號	Cooling Capacity 冷量(kw)	Dimension 外形尺寸(mm) Length and Dia. 長度和直徑	Connection 出入喉尺寸(inch) Connection	Outlet	Inlet	Weight 重量(kg)	Water Flow 水流量(L/S)	Water PD. 水壓降(kPa)
1	HWDXC003A	10.5	841 xφ165	1-1/2 ”	7/8 ”	5/8 ”	50	0.5	1.5
2	HWDXC005A	17.6	841 xφ165	1-1/2 ”	7/8 ”	5/8 ”	66	0.84	2.1
3	HWDXC006A	22.8	974 xφ165	2 ”	1-5/8 ”	7/8 ”	73	1.09	2.4
4	HWDXC008A	28.0	1274 xφ165	2 ”	1-1/8 ”	7/8 ”	89	1.33	2
5	HWDXC010A	35.2	974 xφ220	2 ”	1-1/8 ”	7/8 ”	115	1.68	3
6	HWDXC012A	42.2	1274 xφ220	2 ”	1-1/8 ”	7/8 ”	135	2.00	3.3
7	HWDXC015A	52.7	1274 xφ220	2-1/2 ”	1-5/8 ”	1-1/8 ”	143	2.51	3.7
8	HWDXC018A	63.3	1574 xφ220	2-1/2 ”	1-5/8 ”	1-1/8 ”	165	3.01	4.5
9	HWDXC020A	70.3	1574 xφ220	2-1/2 ”	1-5/8 ”	1-1/8 ”	174	3.35	10.4
10	HWDXC025A	87.9	1874 xφ220	2-1/2 ”	1-5/8 ”	1-1/8 ”	201	4.19	16.2
11	HWDXC030A	105.5	1874 xφ220	2-1/2 ”	1-5/8 ”	1-1/8 ”	235	5.02	20.4
12	HWDXC035A	123.0	1936 xφ273	3 ”	1-5/8 ”	1-1/8 ”	242	5.86	23.8
13	HWDXC040A	140.6	1936 xφ273	3 ”	2-1/8 ”	1-3/8 ”	250	6.70	13.3
14	HWDXC045A	158.2	1936 xφ273	3 ”	2-1/8 ”	1-3/8 ”	290	7.55	16.5
15	HWDXC050A	175.8	2132 xφ325	3 ”	2-1/8 ”	1-3/8 ”	333	8.38	26.0
16	HWDXC060A	211.0	2132 xφ325	3 ”	2-1/8 ”	1-3/8 ”	342	10.05	32.7
17	HWDXC065A	228.5	2132 xφ325	3 ”	2-1/8 ”	1-3/8 ”	353	10.88	35.4
18	HWDXC070A	246.2	2132 xφ325	3 ”	2-1/8 ”	1-3/8 ”	370	11.73	38.1
19	HWDXC080A	281.0	2532 xφ325	4 ” (法蘭)	2-5/8 ”	1-5/8 ”	396	13.40	30.4
20	HWDXC100A	351.6	2532 xφ355	4 ” (法蘭)	2-5/8 ”	1-5/8 ”	532	16.75	36.7
21	HWDXC120A	422.0	2532 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	620	20.10	39.9
22	HWDXC130A	457.2	2532 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	635	21.78	55.3
23	HWDXC135A	474.8	2532 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	650	22.61	61.5
24	HWDXC140A	492.4	2532 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	680	23.45	28.2
25	HWDXC150A	527.5	3132 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	720	25.12	30.3
26	HWDXC160A	562.7	3132 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	745	26.80	39.7
27	HWDXC170A	597.8	3132 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	765	28.50	42.2
28	HWDXC180A	633.0	3132 xφ457	6 ” (法蘭)	3-1/8 ”	2-1/8 ”	800	30.0	47.6
29	HWDXC195A	685.8	3132 xφ457	6 ” (法蘭)	3-1/8 ”	2-1/8 ”	812	32.70	51.6
30	HWDXC200A	703.0	3132 xφ457	6 ” (法蘭)	3-1/8 ”	2-1/8 ”	820	33.50	52.9
31	HWDXC220A	773.8	3132 xφ457	6 ” (法蘭)	3-1/8 ”	2-1/8 ”	870	36.85	51.2
32	HWDXC230A	808.8	3132 xφ510	6 ” (法蘭)	3-1/8 ”	2-1/8 ”	950	38.52	53.5
33	HWDXC240A	844.0	3132 xφ510	6 ” (法蘭)	3-1/8 ”	2-1/8 ”	1000	40.20	55.9

Remarks: * Capacity Based on Evaporating temperature 2℃,Condensing temperature 40℃,overheating temperature 5℃,Entering water temperature 12℃, off water temperature 7℃.
* The above specifications are subject to change without notice. （規格及參數改動恕不另行通知）

Direct-Expansion Liquid Coolers (Shell & Tube Type)

HOOAIR(HWDXC)殼管式液體揮發器系列

HOOAIR (HWDXC)
SERIES 008B-440B



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提供單壓縮機設計蒸發器，雙壓縮機設計蒸發器，三壓縮機設計蒸發器。

HWDXC double circuit Evaporators (28.0kw–1547.4kw)(雙壓縮機用蒸發器)

Item 項目	Model 型號	Cooling Capacity 冷量(kw)	Dimension 外形尺寸(mm)	Connection 出入喉尺寸(inch)			Weight 重量(kg)	Water Flow 水流量(L/S)	Water PD. 水壓降(kPa)
			Length and Dia.長度和直徑徑	Connection	Outlet	Inlet			
1	HWDXC008B	28.0	974 xφ220	2 ”	1-1/8 ”	7/8 ”	95	1.33	2.0
2	HWDXC010B	35.0	1274 xφ220	2 ”	1-1/8 ”	7/8 ”	110	1.66	3.0
3	HWDXC013B	45.7	1274 xφ220	2 ”	1-1/8 ”	7/8 ”	137	2.20	3.3
4	HWDXC016B	56.2	1574 xφ220	2 ”	1-1/8 ”	7/8 ”	162	2.70	6.7
5	HWDXC020B	70.2	1574 xφ220	2-1/2 ”	1-1/8 ”	7/8 ”	174	3.36	10.4
6	HWDXC024B	84.4	1874 xφ220	2-1/2 ”	1-1/8 ”	7/8 ”	200	4.02	12.5
7	HWDXC025B	88.0	1874 xφ220	2-1/2 ”	1-1/8 ”	7/8 ”	215	4.20	16.2
8	HWDXC030B	105.5	1884 xφ273	2-1/2 ”	1-5/8 ”	1-1/8 ”	235	5.02	20.4
9	HWDXC040B	140.5	1884 xφ273	3 ”	1-5/8 ”	1-1/8 ”	250	6.72	13.3
10	HWDXC050B	175.8	2132 xφ325	3 ”	1-5/8 ”	1-1/8 ”	333	8.38	26.0
11	HWDXC060B	211.0	2132 xφ325	3 ”	1-5/8 ”	1-1/8 ”	350	10.0	32.7
12	HWDXC070B	246.2	2132 xφ325	3 ”	1-5/8 ”	1-1/8 ”	360	11.75	38.1
13	HWDXC080B	281.5	2532 xφ325	4 ” (法蘭)	1-7/8 ”	1-3/8 ”	396	13.4	30.4
14	HWDXC100B	351.5	2532 xφ355	4 ” (法蘭)	2-1/8 ”	1-3/8 ”	532	16.80	36.7
15	HWDXC110B	387.5	2532 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	550	18.50	36.4
16	HWDXC130B	457.2	2532 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	630	21.80	19.4
17	HWDXC140B	492.4	2532 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	685	23.52	28.2
18	HWDXC160B	562.7	3132 xφ406	5 ” (法蘭)	2-5/8 ”	1-5/8 ”	730	26.90	39.74
19	HWDXC170B	597.8	3222 xφ457	6 ” (法蘭)	2-5/8 ”	1-7/8 ”	765	28.60	42.2
20	HWDXC180B	633.0	3222 xφ457	6 ” (法蘭)	2-5/8 ”	1-7/8 ”	800	30.25	45.3
21	HWDXC200B	703.4	3132 xφ457	6 ” (法蘭)	2-5/8 ”	1-7/8 ”	820	33.61	47.8
22	HWDXC220B	773.5	3222 xφ457	6 ” (法蘭)	2-5/8 ”	1-7/8 ”	870	37.0	51.2
23	HWDXC240B	844.0	3132 xφ457	6 ” (法蘭)	2-5/8 ”	1-7/8 ”	1000	40.3	55.9
24	HWDXC260B	914.4	3132 xφ510	6 ” (法蘭)	4 ” (法蘭)	2-1/8 ”	1070	43.67	60.6
25	HWDXC280B	984.7	3132 xφ510	6 ” (法蘭)	4 ” (法蘭)	2-1/8 ”	1100	47.00	39.1
26	HWDXC310B	1090.2	3132 xφ559	6 ” (法蘭)	4 ” (法蘭)	2-1/8 ”	1175	52.0	43.3
27	HWDXC340B	1195.8	3632 xφ559	8 ” (法蘭)	5 ” (法蘭)	2-1/8 ”	1275	57.1	42.3
28	HWDXC360B	1266.0	3632 xφ610	8 ” (法蘭)	5 ” (法蘭)	2-1/8 ”	1415	60.5	33.6
29	HWDXC390B	1371.6	3632 xφ610	8 ” (法蘭)	5 ” (法蘭)	2-1/8 ”	1472	65.5	36.5
30	HWDXC440B	1547.4	3632 xφ610	8 ” (法蘭)	5 ” (法蘭)	2-1/8 ”	1500	73.90	58.9

Remarks:* Capacity Based on Evaporating temperature 2℃,Condensing temperature 40℃,overheating temperature 5℃,Entering water temperature 12℃, off water temperature 7℃.
* The above specifications are subject to change without notice. (規格及參數改動恕不另行通知)

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H.W. International Air Conditioning Ltd.

九龍灣宏開道15號九龍灣工業中心10樓26室

Unit No. 26, 10/F., Kowloon Bay Ind. Centre,
15 Wang Hoi Road, Kowloon Bay, Kowloon
Tel: (852) 2796 8888 Fax: (852) 2796 8899
Email: info@hooair.com

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