

NDD DUAL DISCHARGE EVAPORATORS

FEATURES

- Compact, low profile, ergonomic evaporators provide extra space for product on top shelf of cabinet
- White plastic ABS Drain Pan/Fan housing blends well with interior of cabinet, and is easily removed by four thumb screws
- Ziehl EBM Fan Motor with snap-in plug, easily removed for replacement
- Operating temperature range 0° to +12°C

APPLICATIONS

- Typical bar counter fridge
- Reach-In-Fridge
- Medium temperature applications up to 1.5kW



Refrigeration Engineering Co. Ltd.
People, Product and Service

AUCKLAND BRANCH/HEAD OFFICE 0800 11 66 90
HAMILTON BRANCH 0800 848 211

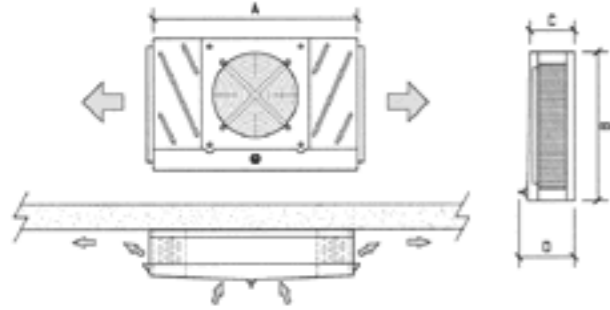
HAWKES BAY BRANCH 0800 732 007
PALMERSTON NORTH BRANCH 0800 000 451
WELLINGTON BRANCH 0800 80 06 93
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REALCOLD



EVAPORATOR COILS

NDD DOUBLE DISCHARGE BLOWER COILS - APPLICATIONS ABOVE +2°C



REALCOLD STOCK NO.	MODEL	KIRBY EQUIVALENT	PATTONS EQUIVALENT
W4070	NDD 100	KCT 400	TCM 04
W4072	NDD 150		
W4074	NDD 200	KCT 600	TCM 06
W4076	NDD 250	KCT 800	TCM 08
W4078	NDD 300	KCT 1000	TCM 10
W4080	NDD 400	KCT 1200	TCM 12
W4082	NDD 500	KCT 1600	TCM 16

CAPACITY STD ENT. AIR/EVAP. TEMP		MODEL	100	150	200	250	300	400	500
ENT. AIR/EVAP. TEMP		WATTS R404A	429	541	663	837	980	1245	1561
CAPACITY AT -4°C SST/6KTD		WATTS R22	420	530	650	820	960	1220	1530
AIR FROST FREE AREA	AIR QUANTITY	M ³ / SEC	0.16	0.14	0.12	0.26	0.24	0.22	0.19
	FACE AREA	M ²	0.06	0.06	0.06	0.08	0.08	0.09	0.12
	AIR THROW	Mt	2.3	1.9	1.6	2.3	2.1	1.9	1.7
FAN MOTORS DIAMETER 1300 RPM		No OF FANS	1x200	1x200	1x200	1x250	1x250	1x250	1x250
		WATTS (each)	36	36	36	60	60	60	60
		AMPS (each)	0.25	0.25	0.25	0.42	0.42	0.42	0.42
		VOLTAGE (each)	230	230	230	230	230	230	230
SURFACE AREA		M ²	1.2	1.9	2.5	3.1	3.9	4.6	6.2
FIN SPACING		mm	4.2	4.2	4.2	4.2	4.2	4.2	4.2
DRAIN CONNECTION Ø		mm	12.7	12.7	12.7	12.7	12.7	12.7	12.7
PHYSICAL DIMENSION		DIMENSIONS A (mm)	455	455	455	600	600	600	600
		DIMENSIONS B (mm)	375	375	375	375	375	375	375
		DIMENSIONS C (mm)	130	130	130	150	150	175	225
		DIMENSIONS D (mm)	170	170	170	190	190	215	265
MASS		Kg	4.5	5.0	5.5	6.5	7.0	7.5	8.5
OPERATING CHARGE R404A		Kg	0.3	0.5	0.7	0.8	1.0	1.3	1.7
SUCTION CONN		mm	9.53	9.53	9.53	9.53	9.53	9.53	9.53
LIQUID CONN		mm	9.53	9.53	9.53	9.53	9.53	9.53	9.53

NDD DUAL DISCHARGE EVAPORATOR WITH MATCHING L'UNITE CONDENSING UNIT & PARKER EXPANSION VALVE

R22 EQUIPMENT SELECTIONS	R134A EQUIPMENT SELECTIONS	R404A EQUIPMENT SELECTIONS
<p>NDD 100 W 4070 - NDD 100 Evaporator C 9212 - AEZ4430 Cond Unit 1/4 HP F 1728 - B5/SW INT Expansion Valve F 1700 - CX Orifice</p>	<p>NDD 100 W 4070 - NDD 100 Evaporator C9126 - AEZ 4425 YHR Cond Unit 1/5HP F1725 - B5/SW INT Expansion Valve F 1700 - CX Orifice</p>	<p>NDD 100 W 4070 - NDD 100 Evaporator C9408 - AEZ 4430 ZHR Cond Unit 1/4HP F 1730 - B5/SW INT Expansion Valve F 1700 - CX Orifice</p>
<p>NDD 150 W 4072 - NDD 150 Evaporator C 9212 - AEZ4430 Cond Unit 1/4 HP F 1728 - B5/SW INT Expansion Valve F 1700 - CX Orifice</p>	<p>NDD 150 W 4072 - NDD 150 Evaporator C9130 - AEZ 4430YHR Cond Unit 1/4HP F1725 - B5/SW INT Expansion Valve F 1700 - CX Orifice</p>	<p>NDD 150 W 4072 - NDD 150 Evaporator C9408 - AEZ 4430 ZHR Cond Unit 1/4HP F 1730 - B5/SW INT Expansion Valve F 1700 - CX Orifice</p>
<p>NDD 200 W 4074 - NDD 200 Evaporator C 9216 - AEZ4430 Cond Unit 1/3HP F 1728 - B5/SW INT Expansion Valve F 1700 - CX Orifice</p>	<p>NDD 200 W 4074 - NDD 200 Evaporator C 9142 - CAE4440YHR Cond Unit 1/3HP F1725 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>	<p>NDD 200 W 4074 - NDD 200 Evaporator C 9412 - AEZ4440ZHR Cond Unit 1/3HP F 1730 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>
<p>NDD 250 W 4076 - NDD 250 Evaporator C 9222 - CAE4450 Cond Unit 3/7HP F 1728 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>	<p>NDD 250 W 4076 - NDD 250 Evaporator C 9150 - CAE4448YHR Cond Unit 3/8HP F1725 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>	<p>NDD 250 W 4076 - NDD 250 Evaporator C9426 - CAE4450ZHR Cond Unit 3/7HP F 1730 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>
<p>NDD 300 W 4078 - NDD 300 Evaporator C 9226 - CAE9460 TMHR Cond Unit 1/2HP F 1728 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>	<p>NDD 300 W 4078 - NDD 300 Evaporator C 9152 - CAE4456YHR Cond Unit 3/7HP F1725 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>	<p>NDD 300 W 4078 - NDD 300 Evaporator C 9432 - CAE9470ZMHR Cond Unit 2/3HP F 1730 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>
<p>NDD 400 W 4080 - NDD 400 Evaporator C 9228 - CAJ9480 TMHR Cond Unit 5/8HP F 1728 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>	<p>NDD 400 W 4080 - NDD 400 Evaporator C 9160 - CAJ4492YHR Cond Unit 3/4HP F1725 - B5/SW INT Expansion Valve F 1702 - C1 Orifice</p>	<p>NDD 400 W 4080 - NDD 400 Evaporator C 9432 - CAE9470ZMHR Cond Unit 2/3HP F 1730 - B5/SW INT Expansion Valve F 1702 - C1 Orifice</p>
<p>NDD 500 W 4082 - NDD 500 Evaporator C 9230 - CAJ9510 TMHR Cond Unit 1HP F 1728 - B5/SW INT Expansion Valve F 1701 - CO Orifice</p>	<p>NDD 500 W 4082 - NDD 500 Evaporator C 9160 - CAJ4492YHR Cond Unit 3/4HP F1725 - B5/SW INT Expansion Valve F 1702 - C1 Orifice</p>	<p>NDD 500 W 4082 - NDD 500 Evaporator C 9444 - CAJ9510ZMHR Cond Unit 1HP F 1730 - B5/SW INT Expansion Valve F 1702 - C1 Orifice</p>