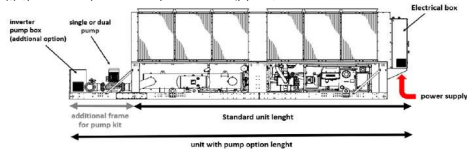




Type: Air to water Inverter Multipurpose unit
Refrigerant: R-134a
Series: EWYD-4ZXS8
(Contact Applied for R513A Version)

Index		Cooling Capacity (kW)		Option compatibility							
UNIT LIST				BASE	BASE	BASE	BASE	BASE	BASE	BASE	BASE
Mechanical											
08	BRINE VERSION	(1)	29	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
20	EVAPORATOR VICTAULIC KIT		21	GPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
21	EVAPORATOR FLANGE KIT		20	STD	STD	STD	STD	STD	STD	STD	STD
26	CONDENSER DOUBLE FLANGES KIT		36	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
29	20MM EVAPORATOR INSULATION		08	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
36	CONDENSER VICTAULIC KIT		26-50	STD	STD	STD	STD	STD	STD	STD	STD
33	20MM CONDENSER INSULATION			STD	STD	STD	STD	STD	STD	STD	STD
61	DISCHARGE LINE SHUT-OFF VALVE			STD	STD	STD	STD	STD	STD	STD	STD
62	SUCTION LINE SHUT-OFF VALVE			STD	STD	STD	STD	STD	STD	STD	STD
63	HIGH PRESSURE SIDE MANOMETERS			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
64	LOW PRESSURE SIDE MANOMETERS			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
78	ONE CENTRIFUGAL PUMP (LOW LIFT)	(7)	All the other centrifugal pumps	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
79	ONE CENTRIFUGAL PUMP (HIGH LIFT)	(7)	All the other centrifugal pumps	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
80	TWO CENTRIFUGAL PUMP (LOW LIFT)	(7)	All the other centrifugal pumps	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
81	TWO CENTRIFUGAL PUMP (HIGH LIFT)	(7)	All the other centrifugal pumps	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
91	DOUBLE PRESSURE RELIEF VALVE WITH DIVERTER			REC	REC	REC	REC	REC	REC	REC	REC
43	CONDENSER COIL GUARDS		116	REC	REC	REC	REC	REC	REC	REC	REC
44	EVAPORATOR AREA GUARDS			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
45	CU-CU CONDENSER COIL		49-117	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
49	ALUCOAT FINN COIL		45-117	STD	STD	STD	STD	STD	STD	STD	STD
117	BLVGOLD COIL TREATMENT		45-49	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
121	REFRIGERANT LEAK DETECTION	(8)		OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
78-b	SOUND PROOF SYSTEM (COMPRESSOR)	(8)		OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
Electrical / Control											
10	DOUBLE SETPOINT			STD	STD	STD	STD	STD	STD	STD	STD
11	COMPRESSOR THERMAL OVERLOAD RELAYS		95	STD	STD	STD	STD	STD	STD	STD	STD
13	PHASE MONITOR			STD	STD	STD	STD	STD	STD	STD	STD
14	INVERTER COMPRESSOR STARTER			STD	STD	STD	STD	STD	STD	STD	STD
15	UNDER / OVER VOLTAGE CONTROL			STD	STD	STD	STD	STD	STD	STD	STD
16a	ENERGY METER (INCLUDING CURRENT LIMIT)			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
57	EVAPORATOR ELECTRIC HEATER			STD	STD	STD	STD	STD	STD	STD	STD
59a	FLOW SWITCH			REC	REC	REC	REC	REC	REC	REC	REC
60	ELECTRONIC EXPANSION VALVE			STD	STD	STD	STD	STD	STD	STD	STD
67	AMBIENT OUTSIDE TEMPERATURE SENSOR AND SETPOINT RESET			STD	STD	STD	STD	STD	STD	STD	STD
68	HOURS RUN METER			STD	STD	STD	STD	STD	STD	STD	STD
69	GENERAL FAULT CONTACTOR			STD	STD	STD	STD	STD	STD	STD	STD
90	SETPOINT RESET, DEMAND LIMIT AND ALARM FROM EXTERNAL DEVICE			STD	STD	STD	STD	STD	STD	STD	STD
99	COMPRESSORS CIRCUIT BREAKERS		11	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
96	FANS CIRCUIT BREAKERS			STD	STD	STD	STD	STD	STD	STD	STD
97	MAIN SWITCH INTERLOCK DOOR			STD	STD	STD	STD	STD	STD	STD	STD
99a	FANS SPEED REGULATION (INVERTER)	(2)	142	STD	STD	STD	STD	STD	STD	STD	STD
102	GROUND FAULT RELAY			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
114	WIRING KIT			REC	REC	REC	REC	REC	REC	REC	REC
110	RAPID RESTART			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
120a	INVERTER KIT FOR 1 CENTR PUMP LOW LIFT	(3)	78 - 80 - 81-120f - 120a - 120b	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
120f	INVERTER KIT FOR 1 CENTR PUMP HIGH LIFT	(3)	78 - 80 - 81-120a - 120b - 120f	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
120g	INVERTER KIT FOR 2 CENTR PUMP LOW LIFT	(3)	78 - 79 - 81-120a - 120f - 120g	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
120h	INVERTER KIT FOR 2 CENTR PUMP HIGH LIFT	(3)	78 - 79 - 80-120a - 120f - 120h	CF	CF	CF	CF	CF	CF	CF	CF
143	VARIABLE PRIMARY FLOW	(4)		CF	CF	CF	CF	CF	CF	CF	CF
144	DIFF PRESSURE TRANS (SHIPPED LOOSE)			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
142	HIGH AMBIENT KIT (OPERATION 46°C)	(5)	99	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
128	MASTER-SLAVE			STD	STD	STD	STD	STD	STD	STD	STD
184	ICM STANDARD			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
180	MODBUS RTU MSTP		181 - 182	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
181	BACNET MSTP		180 - 182	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
182	BACNET IP		155 - 180-181	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
156	DAIKIN ON SITE MODEM (WITH ANTENNA)			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
158	BRUSHLESS FANS UP TO 900 RPM	(6)	156-157-158-160-161-42-99a	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
160	100 PA ESP FANS	(6)	156-157-158-159-161	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
161	200 PA ESP FANS	(6)	156-157-158-159-160-42-99a	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
Installation											
75	RUBBER ANTI VIBRATION MOUNTS		77	REC	REC	REC	REC	REC	REC	REC	REC
77	SPRING ANTI VIBRATION MOUNTS		75	REC	REC	REC	REC	REC	REC	REC	REC
Other											
71	CONTAINER KIT		112	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
112	TRANSPORT KIT		71	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT

- CF= Contact the Factory - NA= Not Available - STD= Standard - REC= DAIKIN Recommended Optional Item
(1) Option 08 includes option 29
(2) Option 99 includes Fan overload protection
(3) Inverter kit can not be ordered without selecting the correspondent water pump option
(4) Option 143 can not be ordered without selecting the correspondent inverter pump kit
(5) Operation starting from 46°C
(6) Option will have impact on unit performance; contact factory for more information
(7) Pump modules add 180mm to the total length of the chiller
(8) Option 121 can only be ordered in conjunction with selecting option 76-b



EWYD-4ZXS82 / EWYD-4ZXS82 with hydraulic kit options		400	450	500	550	600	650	700	800
Model		7330	7330	8230	8230	9130	9130	10030	10030
Unit length	mm								

Standard Sound Unit (EWYD-4ZXS8)		Standard Sound Unit with Option 76b							
EWYD-4ZXS82 + OPT76b - Sound proof system (compressor)									
MODELS	notes	400	450	500	550	600	650	700	800
Sound Power	(1) dBA	96	95	96	96	97	96	98	98
Sound Pressure @ 3 meter	(1) dBA	75	74	74	75	75	75	76	76
(1) - (standard conditions: Air to water - Cooling Only) evaporator water in/out = 12/7°C; ambient = 35.0°C; unit at full load operation in Cooling Only; operating fluid: Water; fouling factor = 0°C/W									
The above data are referred to the unit without additional optional.									
The above data are referred to the unit installed in compliance with installation prescription.									
All the data are subject to change without notice. For updated information on project base refer to Chiller Selection Software and unit's certified drawing.									



Type: Air to water Inverter Multipurpose unit
Refrigerant: R-134a
Series: EWYD-42XR8
(Contact Applied for R513A Version)

Index

Cooling Capacity (kW)

		Option incompatibility		400		450		500		550		600		650		700		800	
		EWYD404C2XR82		EWYD454C2XR82		EWYD504C2XR82		EWYD554C2XR82		EWYD604C2XR82		EWYD654C2XR82		EWYD704C2XR82		EWYD804C2XR82			
-	UNIT LIST			BASE		BASE		BASE		BASE		BASE		BASE		BASE			
08	BRINE VERSION			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
20	EVAPORATOR VICTAULIC KIT	(1)	29	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
21	EVAPORATOR FLANGE KIT		20	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
26	CONDENSER DOUBLE FLANGES KIT		36	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
29	20MM EVAPORATOR INSULATION		08	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
36	CONDENSER VICTAULIC KIT		26-50	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
33	20MM CONDENSER INSULATION			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
61	DISCHARGE LINE SHUT-OFF VALVE			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
62	SUCTION LINE SHUT-OFF VALVE			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
63	HIGH PRESSURE SIDE MANOMETERS			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
64	LOW PRESSURE SIDE MANOMETERS			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
78	ONE CENTRIFUGAL PUMP (LOW LIFT)	(7)	All the other centrifugal pumps	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
79	ONE CENTRIFUGAL PUMP (HIGH LIFT)	(7)	All the other centrifugal pumps	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
80	TWO CENTRIFUGAL PUMP (LOW LIFT)	(7)	All the other centrifugal pumps	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
81	TWO CENTRIFUGAL PUMP (HIGH LIFT)	(7)	All the other centrifugal pumps	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
91	DOUBLE PRESSURE RELIEF VALVE WITH DIVERTER			REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	
43	CONDENSER COIL GUARDS		116	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	
44	EVAPORATOR AREA GUARDS			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
45	CU/CU CONDENSER COIL		46-49-117	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
49	ALU/COAT FINS COIL		45-46-117	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
117	Bi/YGOLD COIL TREATMENT		45-46-49	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
121	REFRIGERANT LEAK DETECTION			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
78-b	SOUND PROOF SYSTEM (COMPRESSOR)			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
Electrical / Control																			
10	DOUBLE SETPOINT			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
11	COMPRESSOR THERMAL OVERLOAD RELAYS		95	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
13	PHASE MONITOR			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
14	INVERTER COMPRESSOR STARTER			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
15	UNDER / OVER VOLTAGE CONTROL			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
16a	ENERGY METER (INCLUDING CURRENT LIMIT)			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
67	EVAPORATOR ELECTRIC HEATER			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
58a	FLOW SWITCH			REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	
60	ELECTRONIC EXPANSION VALVE			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
67	AMBIENT OUTSIDE TEMPERATURE SENSOR AND SETPOINT RESET			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
68	HOUR RUN METER			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
69	GENERAL FAULT CONTACTOR			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
90	SETPOINT RESET, DEMAND LIMIT AND ALARM FROM EXTERNAL DEVICE			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
95	COMPRESSORS CIRCUIT BREAKERS		11	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
96	FANS CIRCUIT BREAKERS			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
97	MAIN SWITCH INTERLOCK DOOR			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
99a	FANS SPEED REGULATION (INVERTER)	(2)	142	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
102	GROUND FAULT RELAY			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
114	NORDIC KIT			REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	
110	RAPID RESTART			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
120a	INVERTER KIT FOR 1 CENTR PUMP LOW LIFT	(3)	79 - 80 - 81 - 120f - 120g - 120h	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
120f	INVERTER KIT FOR 1 CENTR PUMP HIGH LIFT	(3)	78 - 80 - 81 - 120e - 120g - 120h	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
120g	INVERTER KIT FOR 2 CENTR PUMP LOW LIFT	(3)	78 - 79 - 81 - 120e - 120f - 120h	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
120h	INVERTER KIT FOR 2 CENTR PUMP HIGH LIFT	(3)	78 - 79 - 80 - 120e - 120f - 120g	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
143	VARIABLE PRIMARY FLOW	(4)		CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	
144	DIFF PRESSURE TRANS (SHIPPED LOOSE)			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
142	HIGH AMBIENT KIT (OPERATION 46°C)	(5)	99	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
128	MASTERSLAVE			STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	
134	ICM STANDARD			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
180	MODBUS RTU MSTP		181 - 182	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
181	BACNET MSTP		180 - 182	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
182	BACNET IP		155 - 180-181	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
155	DAIKIN ON SITE MODEN (WITH ANTENNA)			OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
158	BRUSHLESS FANS UP TO 900 RPM	(6)	156-157-158-159-161-42-99a	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
160	100 PA ESP FANS	(6)	156-157-158-159-161	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
161	200 PA ESP FANS	(6)	156-157-158-159-160-42-99a	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
Installation																			
75	RUBBER ANTI VIBRATION MOUNTS		77	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
77	SPRING ANTI VIBRATION MOUNTS		75	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	
Other																			
71	CONTAINER KIT		112	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
112	TRANSPORT KIT		71	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	