

CX

cubicool



Go for green
saving our world
while saving you money

Cubicool International is committed to ensuring its products are designed, manufactured and assembled to operate in the most energy-efficient manner possible, using the latest available technologies and design methodologies in keeping with best industry practice

cubicool
i n t e r n a t i o n a l

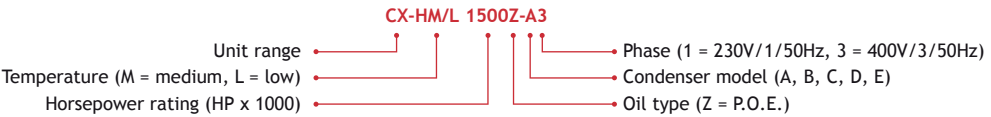
CX-UNITS (MT & LT)

Cubicool International offers a comprehensive range of CX-HM/L simplex horizontal-discharge condensing units, for medium- and low-temperature application.

These fully weatherproof, wall or floor mounted simplex units are fitted with energy efficient reciprocating compressors or Copeland scroll compressors operating on R507A refrigerant.

Standard units are supplied with fully integrated horizontal-discharge polyester coated, all aluminium microchannel condensers.

CX units are factory tested and can be supplied with an optional remote electrical panel, complete with evaporator management and a standard Full Guage electric controller.



MODELS	CONDENSER MODEL	COMPRESSOR POWER	COOLING CAPACITY [kW]		INPUT POWER [kW]		MAXIMUM CURRENT [A]		RECEIVER SIZE	CONNECTIONS	
MEDIUM TEMPERATURE	TYPE	HP	[@] -5/45°C	[@] -10/45°C	[@] -5/45°C	[@] -10/45°C	230V/1/50Hz	400V/3/50Hz	ℓ	SUCTION	LIQUID
CX-HM 0625Z-A1	A	0.625	1.68	1.3	0.9	0.84	6.6	-	3	1/2"	1/4"
CX-HM 1250Z-A1	A	1.25	2.27	1.77	1.23	1.14	12.1	-	3	5/8"	1/4"
CX-HM 1500Z-A1	A	1.5	3.54	2.52	1.34	1.18	10.1	-	3	5/8"	3/8"
CX-HM 2000Z-A1	A	2	4.43	3.26	1.82	1.6	14.1	-	4	5/8"	3/8"
CX-HM 2500Z-B1	B	2.5	6.25	4.83	2.2	2	18	-	4	7/8"	3/8"
CX-HM 1500Z-A3	A	1.5	3.54	2.52	1.34	1.18	-	5.1	3	5/8"	3/8"
CX-HM 2000Z-A3	A	2	5.14	3.86	1.84	1.63	-	6.7	4	5/8"	3/8"
CX-HM 2500Z-B3	B	2.5	6.16	4.75	2.2	2	-	8.3	4	7/8"	3/8"
CX-HM 3000Z-B3	B	3	6.7	5.1	2.7	2.5	-	9	4	7/8"	3/8"
CX-HM 4000Z-B3	B	4	7.21	5.25	3.13	2.95	-	12	6	7/8"	3/8"
CX-HM 4500Z-B3	B	4.5	8.47	6.39	3.65	3.4	-	14.8	6	7/8"	3/8"
CX-HM 5000Z-C3	C	5	9.28	7.02	3.89	3.62	-	15.2	10	1 1/8"	1/2"
CX-HM 6250Z-C3	C	6.25	12	9.79	4.79	4.81	-	14.1	15	1 1/8"	1/2"
CX-HM 7000Z-C3	C	7	13.9	11.35	5.5	5.52	-	15	15	1 1/8"	1/2"
CX-HM 7000Z-D3	D	7	13.9	11.35	5.5	5.52	-	16	15	1 1/8"	1/2"
CX-HM 8000Z-D3	D	8	16.05	13.05	6.36	6.32	-	17.9	20	1 3/8"	1/2"
CX-HM 9000Z-D3	D	9	17.95	14.7	7.09	7.05	-	19.5	20	1 3/8"	1/2"
CX-HM 10000-D3	D	10	21.4	17.45	8.29	8.22	-	22.4	20	1 3/8"	1/2"
CX-HM 13000Z-E3	E	13	26.2	21.4	10.7	10.6	-	34	25	1 5/8"	5/8"
CX-HM 15000Z-E3	E	15	31.2	25.2	12.65	12.65	-	36.5	25	1 5/8"	5/8"
LOW TEMPERATURE			[@] -25/45°C	[@] -30/45°C	[@] -25/45°C	[@] -30/45°C					
CX-HL 1500Z-A1	A	1.5	1	0.65	1.27	1.21	13.6	-	3	5/8"	1/4"
CX-HL 2000Z-A1	A	2	1.6	0.79	1.58	1.21	10.3	-	4	5/8"	3/8"
CX-HL 2500Z-A1	A	2.5	2.72	1.87	2.29	1.91	24.6	-	4	5/8"	3/8"
CX-HL 2000Z-A3	A	2	2.14	1.31	1.96	1.62	-	8.6	4	5/8"	3/8"
CX-HL 2500Z-A3	A	2.5	2.34	1.42	2.27	1.92	-	8.6	4	5/8"	3/8"
CX-HL 3000Z-B3	B	3	2.87	1.94	2.79	2.34	-	15.2	6	7/8"	3/8"
CX-HL 4000Z-B3	B	4	3.15	2.15	3	2.47	-	15.2	6	7/8"	3/8"
CX-HL 5000Z-C3	C	5	4.47	3.56	3.4	3.25	-	11	10	1 1/8"	1/2"

- Liquid line drier and sight glass
- Horizontal-discharge polyester coated condenser (all-aluminium microchannel)
- HP / LP / low ambient control (as/if required)
- Accumulator
- Internal electrical pump-down electrics complete with compressor, condenser management and phase failure motor
- Optional remote electrical panel complete with evaporator management and an electric controller

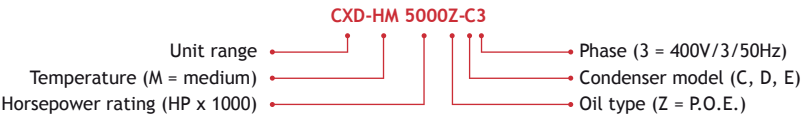
CXD-UNITS (MT ONLY)

Cubicool International offers a comprehensive range of CXD-HM simplex horizontal-discharge condensing units, for medium temperature application.

These fully weatherproof, wall or floor mounted simplex units are fitted with energy efficient Digital Copeland scroll compressors operating on R507A refrigerant.

Standard units are supplied with fully integrated horizontal-discharge polyester coated, all aluminium microchannel condensers.

CXD units are factory tested and can be supplied with an optional remote electrical panel, complete with evaporator management and a standard Full Guage electric controller.



MODELS	CONDENSER MODEL	COMPRESSOR POWER	COOLING CAPACITY [kW]		INPUT POWER [kW]		MAXIMUM CURRENT [A]	RECEIVER SIZE	CONNECTIONS	
MEDIUM TEMPERATURE	TYPE	HP	@ -5/45°C	@ -10/45°C	@ -5/45°C	@ -10/45°C	400V/3/50Hz	ℓ	SUCTION	LIQUID
CXD-HM 5000Z-C3	C	5	10.2	8.37	3.99	3.85	12.3	10	1 1/8"	1/2"
CXD-HM 6250Z-C3	C	6.25	12.2	10	4.77	4.59	13.3	15	1 1/8"	1/2"
CXD-HM 7000Z-C3	C	7	13.65	11.2	5.41	5.22	15	15	1 1/8"	1/2"
CXD-HM 7000Z-D3	D	7	13.65	11.2	5.41	5.22	16	15	1 1/8"	1/2"
CXD-HM 10000Z-D3	D	10	22	17.95	8.66	8.59	26	20	1 3/8"	1/2"
CXD-HM 15000Z-E3	E	15	31.6	25.5	12.7	12.65	36.3	25	1 5/8"	5/8"

- Liquid line drier and sight glass
- Horizontal-discharge polyester coated condenser (all-aluminium microchannel)
- HP / LP / low ambient control (as/if required)
- Accumulator
- Internal electrical pump-down electrics complete with compressor, condenser management and phase failure motor
- Optional remote electrical panel complete with evaporator management and an electric controller

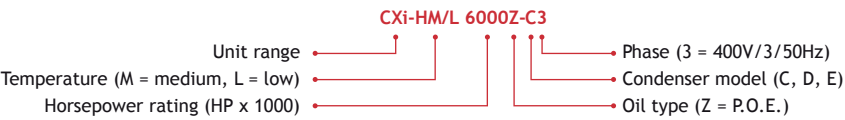
CXi-UNITS (MT & LT)

Cubicool International offers a comprehensive range of CXi-HM/L simplex horizontal-discharge condensing units, for medium- and low-temperature application.

These fully weatherproof, wall or floor mounted simplex units are fitted with energy efficient Copeland vapour injection compressors operating on R507A refrigerant.

Standard units are supplied with fully integrated horizontal-discharge polyester coated, all aluminium microchannel condensers.

CXi units are factory tested and can be supplied with an optional remote electrical panel, complete with evaporator management and a standard Full Guage electric controller.



MODELS	CONDENSER MODEL	COMPRESSOR POWER	COOLING CAPACITY [kW]		INPUT POWER [kW]		MAXIMUM CURRENT [A]	RECEIVER SIZE	CONNECTIONS	
MEDIUM TEMPERATURE	TYPE	HP	[@] -5/45°C	[@] -10/45°C	[@] -5/45°C	[@] -10/45°C	400V/3/50Hz	ℓ	SUCTION	LIQUID
CXi-HM 6000Z-C3	C	6	11.65	9.85	3.56	3.51	10	15	1 1/8"	1/2"
CXi-HM 7500Z-C3	C	7.5	13.7	11.65	4.68	4.56	13.4	15	1 1/8"	1/2"
CXi-HM 8500Z-D3	D	8.5	16.4	13.9	5.62	5.49	15.7	20	1 1/8"	1/2"
CXi-HM 10000Z-D3	D	10	19.45	16.85	6.98	6.8	18	20	1 3/8"	1/2"
CXi-HM 14000Z-E3	E	14	26.8	23.2	9.49	9.11	28	25	1 5/8"	5/8"
CXi-HM 18000Z-E3	E	18	32.5	28.3	11.5	11.1	32	25	1 5/8"	5/8"
LOW TEMPERATURE			[@] -25/45°C	[@] -30/45°C	[@] -25/45°C	[@] -30/45°C				
CXi-HL 6000Z-C3	C	6	5.71	4.68	3.33	3.27	10	15	1 1/8"	1/2"
CXi-HL 7500Z-C3	C	7.5	6.98	5.95	4.15	4	13.4	15	1 1/8"	1/2"
CXi-HL 8500Z-C3	C	8.5	8.31	6.99	5.02	4.84	14.7	15	1 1/8"	1/2"
CXi-HL 10000Z-D3	D	10	10.45	8.79	6.07	5.74	18	20	1 3/8"	1/2"
CXi-HL 14000Z-D3	D	14	14.1	11.65	8.05	7.67	27	20	1 5/8"	5/8"
CXi-HL 18000Z-E3	E	18	17.1	14.15	9.8	9.34	32	25	1 5/8"	5/8"
CXi-HL 20000Z-E3	E	20	19.35	16	11.4	10.85	33	25	1 5/8"	5/8"
CXi-HL 23000Z-E3	E	23	22.7	18.8	13.85	13.2	34	25	1 5/8"	5/8"

- Liquid line drier and sight glass
- Horizontal-discharge polyester coated condenser (all-aluminium microchannel)
- HP / LP / low ambient control (as/if required)
- Accumulator
- Internal electrical pump-down electrics complete with compressor, condenser management and phase failure motor
- Optional remote electrical panel complete with evaporator management and an electric controller

CXi models are fitted with vapor injection compressors and with that the liquid line is to be insulated and expansion valve selections checked and confirmed

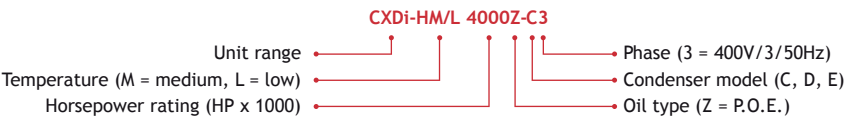
CXDI-UNIT (MT & LT)

Cubicool International offers a comprehensive range of CXDi-HM/L simplex horizontal-discharge condensing units, for medium- and low-temperature applications.

These fully weatherproof, wall or floor mounted simplex units are fitted with energy efficient Digital Copeland vapour injection compressors operating on R507A refrigerant.

Standard units are supplied with fully integrated horizontal-discharge polyester coated, all aluminium microchannel condensers.

CXDi units are factory tested and can be supplied with an optional remote electrical panel, complete with evaporator management and a standard Full Guage electric controller.



MODELS	CONDENSER MODEL	COMPRESSOR POWER	COOLING CAPACITY [kW]		INPUT POWER [kW]		MAXIMUM CURRENT [A]	RECEIVER SIZE	CONNECTIONS	
MEDIUM TEMPERATURE	TYPE	HP	[@] -5/45°C	[@] -10/45°C	[@] -5/45°C	[@] -10/45°C	400V/3/50Hz	ℓ	SUCTION	LIQUID
CXDi-HM 4000Z-C3	C	4	11.1	9.5	3.83	3.76	10	15	7/8"	3/8"
CXDi-HM 6250Z-D3	D	6.25	16.3	13.8	5.6	5.46	15.8	20	1 1/8"	1/2"
CXDi-HM 7500Z-D3	D	7.5	18.55	16.4	7.31	6.97	18	20	1 1/8"	1/2"
CXDi-HM 13000Z-E3	E	13	32.4	28.1	11.5	11.05	32	25	1 5/8"	5/8"
LOW TEMPERATURE			[@] -25/45°C	[@] -30/45°C	[@] -25/45°C	[@] -30/45°C				
CXDi-HL 4000Z-C3	C	4	5.59	4.55	3.52	3.45	10	15	7/8"	3/8"
CXDi-HL 6250Z-C3	C	6.25	8.24	6.93	5	4.81	14.8	15	1 1/8"	1/2"
CXDi-HL 7500Z-D3	D	7.5	10.55	8.82	6	5.67	18	20	1 1/8"	1/2"
CXDi-HL 13000Z-D3	D	13	16.95	14.05	9.75	9.29	31	20	1 5/8"	5/8"

- Liquid line drier and sight glass
- Horizontal-discharge polyester coated condenser (all-aluminium microchannel)
- HP / LP / low ambient control (as/if required)
- Accumulator
- Internal electrical pump-down electrics complete with compressor, condenser management and phase failure motor
- Optional remote electrical panel complete with evaporator management and an electric controller

CXDi models are fitted with vapor injection compressors and with that the liquid line is to be insulated and expansion valve selections checked and confirmed

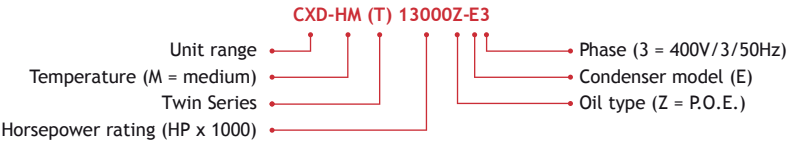
CXD (T)-UNIT (MT)

Cubicool International offers a comprehensive range of CXD-HM (T) miniplex horizontal-discharge condensing units, for medium-temperature application.

These fully weatherproof, wall or floor mounted miniplex units are fitted with energy efficient Digital Copeland scroll hermetic compressors (with a digital scroll lead compressor for capacity regulation) operating on R507A refrigerant.

Standard units are supplied with fully integrated horizontal-discharge polyester coated, all aluminium microchannel condensers.

CXD (T) units are factory tested and can be supplied with an optional remote electrical panel, complete with evaporator management and a standard Full Guage electric controller.



MODELS	CONDENSER MODEL	COMPRESSOR POWER	COOLING CAPACITY [kW]			INPUT POWER [kW]			MAXIMUM CURRENT [A]	RECEIVER SIZE	CONNECTIONS	
MEDIUM TEMPERATURE	TYPE	HP	@ 0/45°C	@ -5/45°C	@ -10/45°C	@ 0/45°C	@ -5/45°C	@ -10/45°C	400V/3/50Hz	ℓ	SUCTION	LIQUID
CXD-HM (T) 13000Z-E3	E	13	32.65	26.95	22.05	10.74	10.62	10.45	31	25	1 3/8"	1/2"
CXD-HM (T) 15000Z-E3	E	15	35.45	29.3	24.05	11.79	11.47	11.08	32.9	25	1 5/8"	5/8"
CXD-HM (T) 16000Z-E3	E	16	37.95	31.35	25.75	12.45	12.12	11.72	34.8	25	1 5/8"	5/8"

- Liquid line drier and sight glass
- Horizontal-discharge polyester coated condenser (all-aluminium microchannel)
- HP / LP / low ambient control (as/if required)
- Accumulator
- Internal electrical pump-down electrics complete with compressor, condenser management and phase failure motor
- Additional pricing for (remote) evaporator management fitted with electric controllers

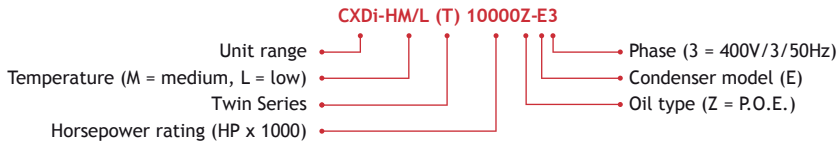
CXDI (T)-UNIT (MT & LT)

Cubicool International offers a comprehensive range of CXDi-HM/L (T) miniplex horizontal-discharge condensing units, for medium- and low-temperature applications.

These fully weatherproof, wall or floor mounted miniplex units are fitted with energy efficient Digital Copeland vapour injection scroll hermetic compressors (with a digital scroll lead compressor for capacity regulation) operating on R507A refrigerant.

Standard units are supplied with fully integrated horizontal-discharge polyester coated, all aluminium microchannel condensers.

CXDi (T) units are factory tested and can be supplied with an optional remote electrical panel, complete with evaporator management and a standard Full Gauge electric controller.

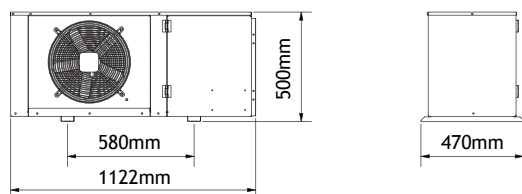


MODELS	CONDENSER MODEL	COMPRESSOR POWER	COOLING CAPACITY [kW]		INPUT POWER [kW]		MAXIMUM CURRENT [A]	RECEIVER SIZE	CONNECTIONS	
MEDIUM TEMPERATURE	TYPE	HP	@ -5/45°C	@ -10/45°C	@ -5/45°C	@ -10/45°C	400V/3/50Hz	ℓ	SUCTION	LIQUID
CXDi-HM (T) 10000Z-E3	E	10	22.75	19.35	7.39	7.27	21	25	1 3/8"	1/2"
CXDi-HM (T) 12000Z-E3	E	12	24.8	21.15	8.51	8.32	24.4	25	1 3/8"	1/2"
CXDi-HM (T) 13750Z-E3	E	13.75	27.5	23.4	9.45	9.25	25.7	25	1 5/8"	5/8"
CXDi-HM (T) 15000Z-E3	E	15	30.55	26.35	10.81	10.56	28	25	1 5/8"	5/8"
CXDi-HM (T) 16000Z-E3	E	16	32.25	28.05	11.99	11.53	31.4	25	1 5/8"	5/8"
CXDi-HM (T) 17500Z-E3	E	17.5	34.95	30.3	12.93	12.46	32.7	25	1 5/8"	5/8"
CXDi-HM (T) 20000Z-E3	E	20	38	33.25	14.29	13.77	35	25	1 5/8"	5/8"
LOW TEMPERATURE			@ -25/45°C	@ -30/45°C	@ -25/45°C	@ -30/45°C				
CXDi-HL (T) 10000Z-E3	E	10	11.3	9.23	6.85	6.72	21	25	1 3/8"	1/2"
CXDi-HL (T) 12000Z-E3	E	12	12.57	10.5	7.67	7.45	24.4	25	1 3/8"	1/2"
CXDi-HL (T) 13750Z-E3	E	13.75	13.9	11.54	8.54	8.29	25.7	25	1 5/8"	5/8"
CXDi-HL (T) 15000Z-E3	E	15	16.04	13.34	9.59	9.19	28	25	1 5/8"	5/8"
CXDi-HL (T) 16000Z-E3	E	16	17.53	14.77	10.15	9.67	31.4	25	1 5/8"	5/8"
CXDi-HL (T) 17500Z-E3	E	17.5	18.86	15.81	11.02	10.51	32.7	25	1 5/8"	5/8"
CXDi-HL (T) 20000Z-E3	E	20	21	17.61	12.07	11.41	35	25	1 5/8"	5/8"

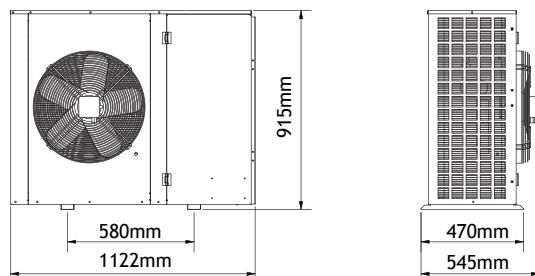
- Liquid line drier and sight glass
- Horizontal-discharge polyester coated condenser (all-aluminium microchannel)
- HP / LP / low ambient control (as/if required)
- Accumulator
- Internal electrical pump-down electrics complete with compressor, condenser management and phase failure motor
- Additional pricing for (remote) evaporator management fitted with electric controllers

CXDi models are fitted with vapor injection compressors and with that the liquid line is to be insulated and expansion valve selections checked and confirmed

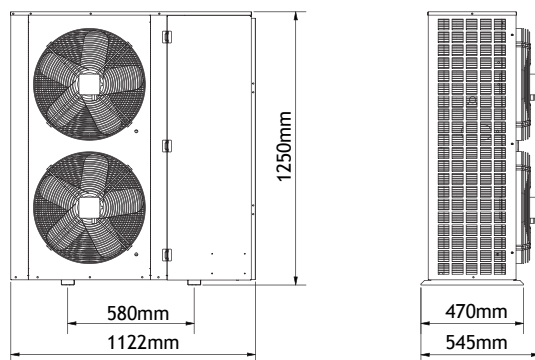
CX-HD Type A



CX-HD Type B/C



CX-HD Type D



CX-HD Type E



DIMENSIONS (mm)	TYPE-A	TYPE-B	TYPE-C	TYPE-D	TYPE-E
Length	1122	1122	1122	1122	1820
Width	470	545	545	545	545
Height	500	915	915	1250	1372

* Allow for a minimum of 400mm at the rear for sufficient airflow