



Edge™ Compact® Specs

Applications

Retail: Small Format, Convenience Stores, Supermarkets
Industrial: Cold Storage, Food Processing, Chiller, Pharmaceutical

Operating Range: 10°F to 30°F
Ambient Conditions: -20°F to 100°F
Capacity: 2.5 tons to 12 tons and 29 MBH to 142 MBH
Designed for: 130/90 bar

Air Cooled

Refrigeration Data¹

MODEL	AIR COOLED CAPACITY				
	+10°F	+15°F	+20°F	+25°F	+30°F
	MBH	MBH	MBH	MBH	MBH
CNDU-02-M-4	29	31	42	44	46
CNDU-02-M-5	39	42	56	59	62
CNDU-02-M-7	54	58	77	81	85
CNDU-02-M-9	N/A	77	101	106	111

Adiabatic

Refrigeration Data²

MODEL	ADIABATIC CAPACITY				
	+10°F	+15°F	+20°F	+25°F	+30°F
	MBH	MBH	MBH	MBH	MBH
CNDU-01-M-4	48	52	55	57	60
CNDU-01-M-5	64	69	73	76	80
CNDU-01-M-7	88	94	99	103	108
CNDU-01-M-9	N/A	123	130	136	142

Physical Data³

MODEL	SHIP WEIGHT	OPERATIONAL WEIGHT
CNDU-02-M-4	1,900	2,000
CNDU-02-M-5	2,000	2,100
CNDU-02-M-7	2,400	2,600
CNDU-02-M-9	2,600	2,800

Physical Data³

MODEL	SHIP WEIGHT	OPERATIONAL WEIGHT
CNDU-01-M-4	2,000	2,100
CNDU-01-M-5	2,200	2,300
CNDU-01-M-7	2,700	2,900
CNDU-01-M-9	2,900	3,100

Notes:

1. Air Cooled Ratings based on 105°F gas cooler outlet.
2. Adiabatic Ratings based on 85°F gas cooler outlet.
3. Dimensions and weights are considered based on Guntner gas coolers and maximum 2 fan configuration.

Electrical Data

Main Power: 460V 480/3/60

MODEL	MCA	MOPD
CNDU-02-M-4	40	80
CNDU-02-M-5	50	90
CNDU-02-M-7	63	90
CNDU-02-M-9	82	100

Piping

MODEL	LIQUID	SUCTION
CNDU-01-M-4	1/2"	5/8"
CNDU-01-M-5	1/2"	5/8"
CNDU-01-M-7	1/2"	7/8"
CNDU-01-M-9	1/2"	7/8"

Notes:

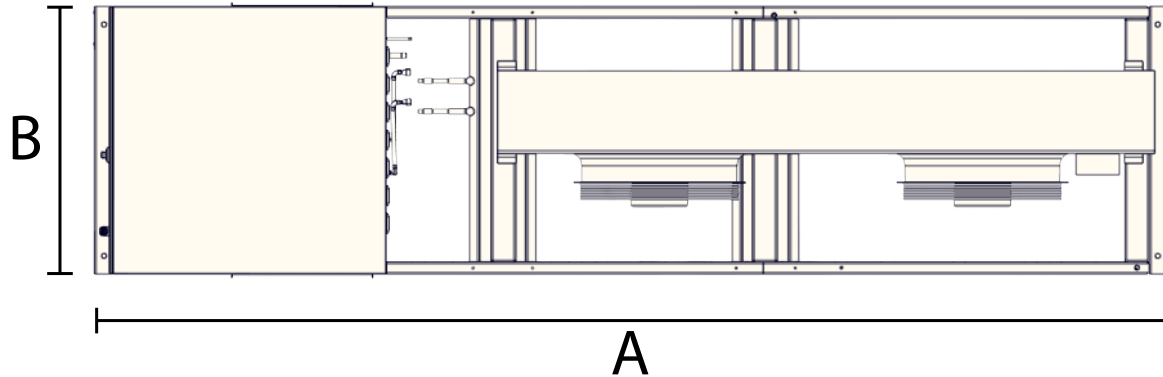
- Condensing unit has a minimum 15°F Suction temperature and +10°F is the out of range envelope.
- Flash Gas Tank pressure will vary at each condition to avoid negative flow through Flash Gas Bypass.
- Liquid injection considered 1% to reduce discharge temperature below 260°F.
- Gas cooler pressure is considered as Optimum and pressure is considered by compressor software as optimal.
- Hot Gas Bypass injection will apply when return gas temperature of superheat is low at compressor suction.
- Control power should be 110-120V and 24V using separate transformers from main power.

Specifications are subject to change without notice. All dimensions are nominal.

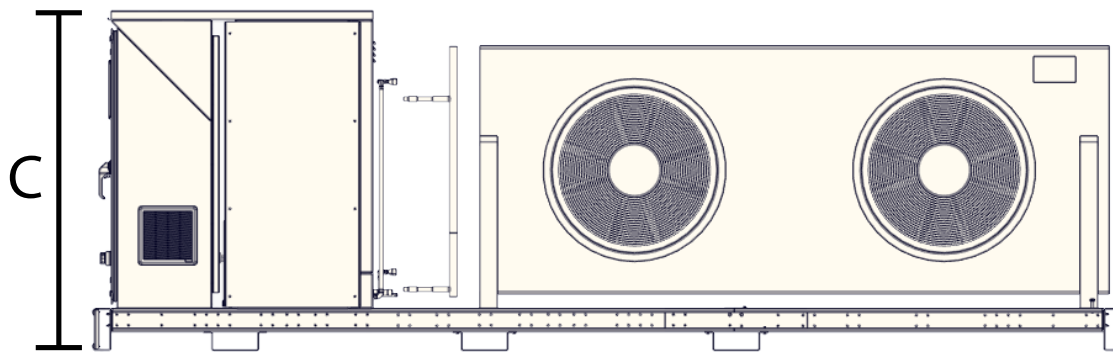


System Dimensions

Top View



Front View



Air Cooled Dimensions³

Measurements	M-4	M-5	M-7	M-9
A: System Length (in.)	121	121	173 ² / ₃	173 ² / ₃
B: System Depth (in.)	43 ¹ / ₃	43 ¹ / ₃	43 ¹ / ₃	43 ¹ / ₃
C: System Height (in.)	57 ² / ₅	57 ² / ₅	57 ² / ₅	57 ² / ₅

Adiabatic Dimensions³

Measurements	M-4	M-5	M-7	M-9
A: System Length (in.)	121	121	173 ² / ₃	173 ² / ₃
B: System Depth (in.)	43 ¹ / ₃	43 ¹ / ₃	43 ¹ / ₃	43 ¹ / ₃
C: System Height (in.)	59 ¹ / ₃	59 ¹ / ₃	59 ¹ / ₃	59 ¹ / ₃