



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 105°F
Capacity: 3 tons to 12 tons and 39 MBH to 60 MBH
Designed for: 130/90 bar

Air Cooled

Refrigeration Data ¹	AIR COOLED CAPACITY				
	+10°F	+15°F	+20°F	+25°F	+30°F
	MODEL	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 ³	77	101	106	111

Adiabatic

Refrigeration Data ²	ADIABATIC CAPACITY				
	+10°F	+15°F	+20°F	+25°F	+30°F
	MODEL	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	89	94	99	103	108
CNDU-01-M-9	N/A ³	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:
- Air Cooled Ratings based on 105°F gas cooler outlet.
 - Adiabatic Ratings based on 85°F gas cooler outlet.
 - Dimensions and weights are considered based on Guntner gas coolers and maximum 2 fan configuration.

Electrical Data

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"

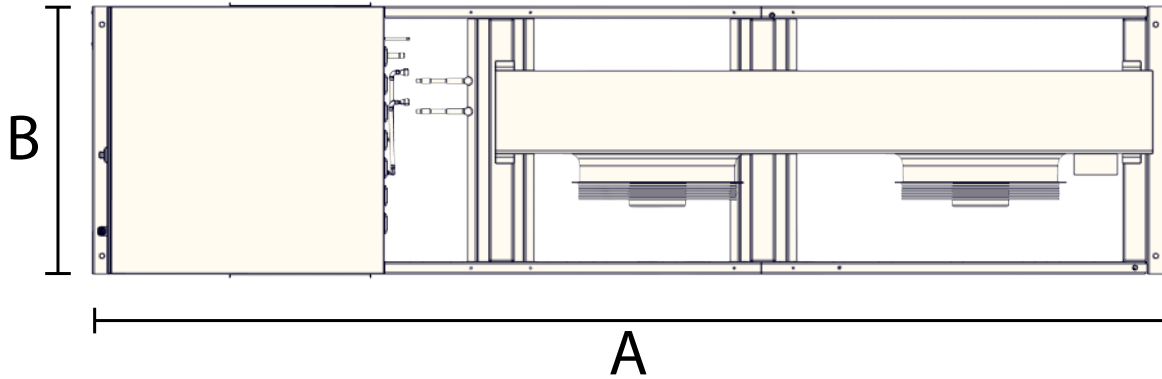
- Notes:
- Condensing unit has a minimum 15°F Suction temperature and +10°F is the out of range envelope.
 - Flash Gas Tank pressure will vary at each condition to avoid negative flow through Flash Gas Bypass.
 - Liquid injection considered 1% to reduce discharge temperature below 260°F.
 - Gas cooler 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.

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

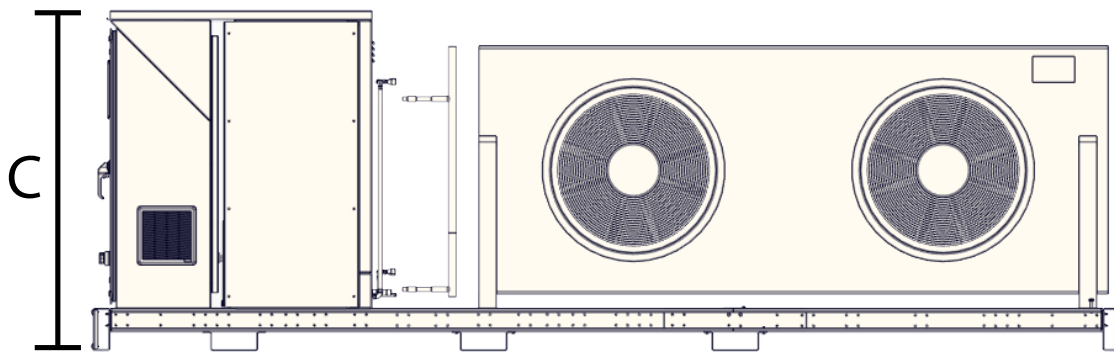


System Dimensions

Top View



Front View



Air Cooled Dimensions³

Measurements	M-4	M-5	M-7	M-9
A: System Length (in.)	125	125	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.)	125	125	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