

CO₂YTM

Sustainable Refrigeration at the right price

With the new CO₂Y condensing unit, smaller businesses can afford to keep cool without harming the environment. CO₂Y is basic and cost effective, but still provides a state-of-the-art eco-performance and all the benefits Green & Cool's CO₂-refrigeration systems are known for.

www.greenandcool.com

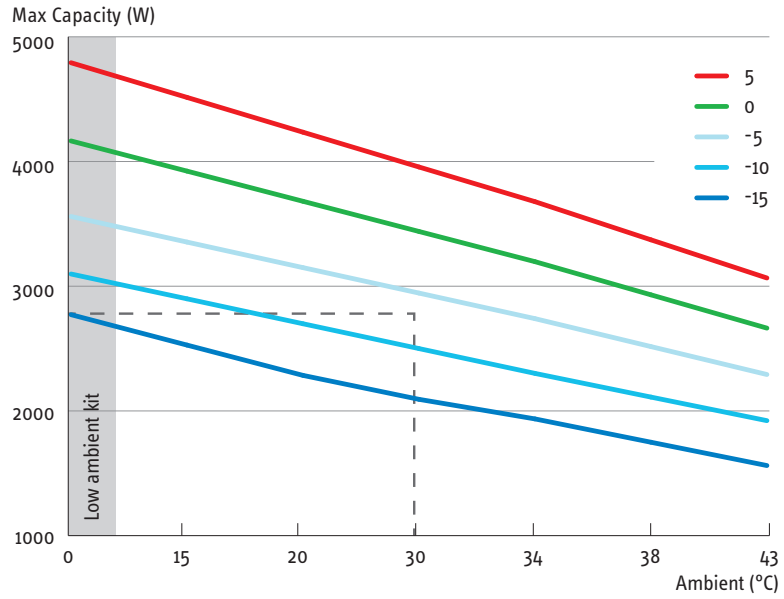


CO2Y 30 MT

Nominal capacity (kW)*	2,0
Minimum capacity (kW)*	0,7
Maximum capacity (kW)*	2,7
Rps min/max	25/90

Min T2	-18°C
Max ambient	+43°C

*T2 -8°C / 32°C gas cooler outlet

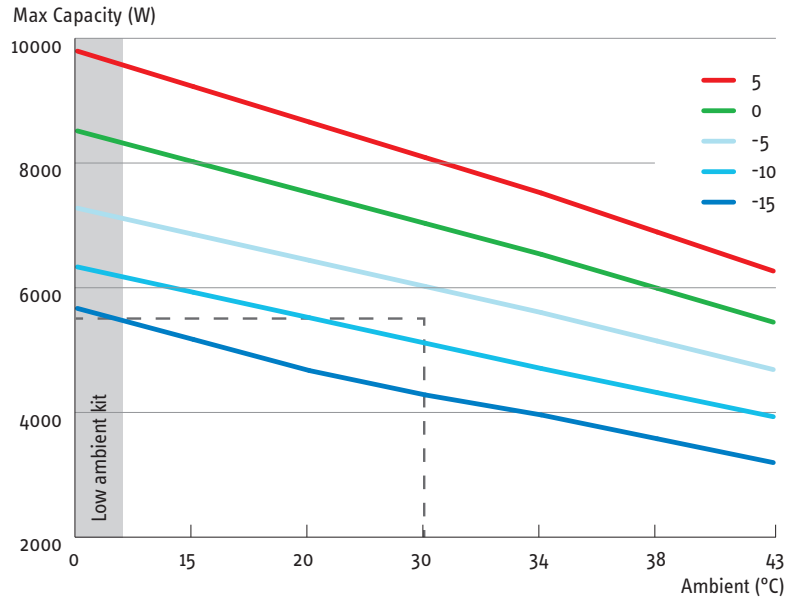


CO2Y 50 MT

Nominal capacity (kW)*	2,8
Minimum capacity (kW)*	1,9
Maximum capacity (kW)*	5,5
Rps min/max	40/100

Min T2	-18°C
Max ambient	+43°C

*T2 -8°C / 32°C gas cooler outlet

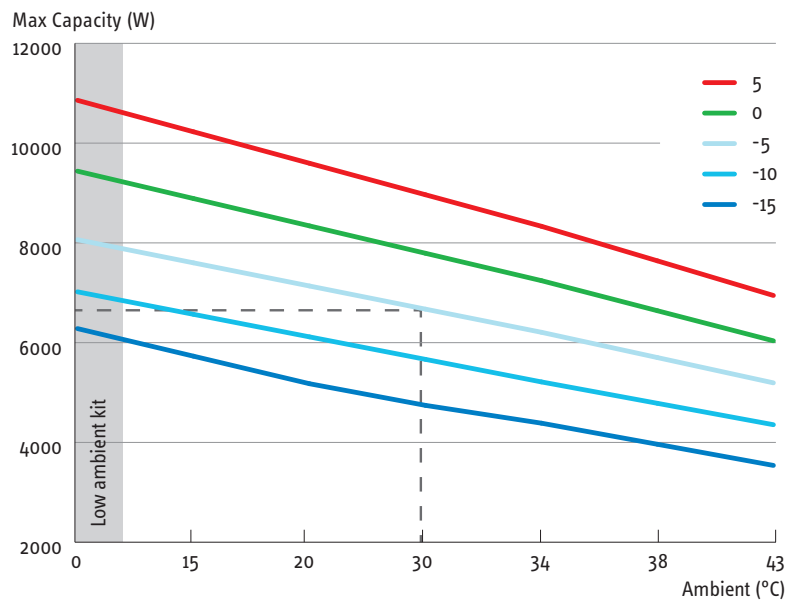


CO2Y 67 MT

Nominal capacity (kW)*	4,5
Minimum capacity (kW)*	1,6
Maximum capacity (kW)*	6,1
Rps min/max	25/90

Min T2	-18°C
Max ambient	+43°C

*T2 -8°C / 32°C gas cooler outlet

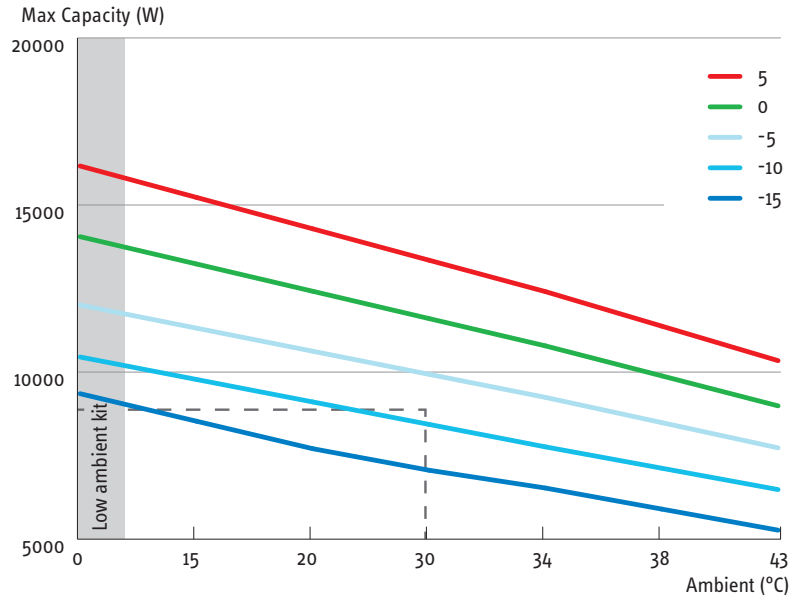


CO2Y 100 MT

Nominal capacity (kW)*	6,7
Minimum capacity (kW)*	2,3
Maximum capacity (kW)*	9,2
Rps min/max	25/90

Min T2	-18°C
Max ambient	+43°C

*T2 -8°C / 32°C gas cooler outlet

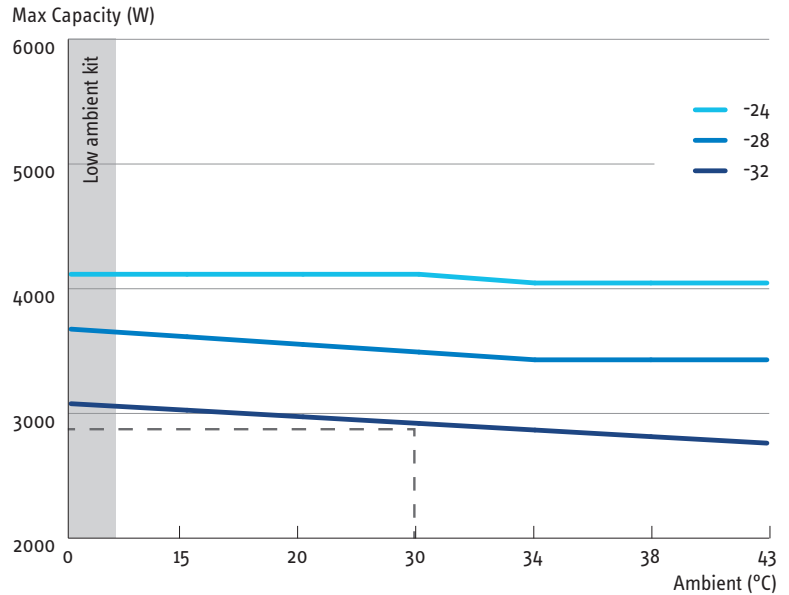


CO2Y 75 LT

Nominal capacity (kW)*	2,20
Minimum capacity (kW)*	0,89
Maximum capacity (kW)*	2,92
Rps min/max	25/90

Min T2	-34°C
Max ambient	+43°C

*T2 -32°C / 32°C gas cooler outlet

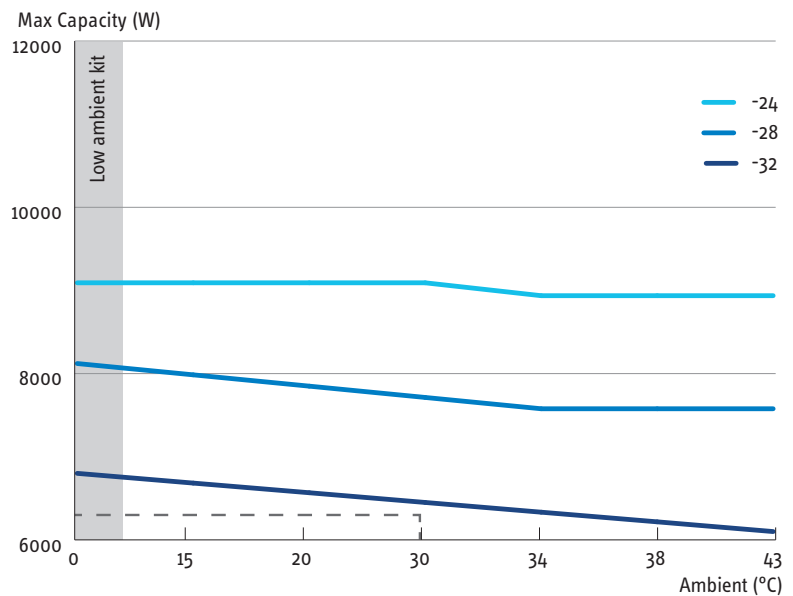


CO2Y 167 LT

Nominal capacity (kW)*	4,9
Minimum capacity (kW)*	2,11
Maximum capacity (kW)*	6,45
Rps min/max	25/90

Min T2	-34°C
Max ambient	+43°C

*T2 -32°C / 32°C gas cooler outlet



CO2Y MT Series Aircooled

CO2Y LT Series Aircooled

		CO2Y 30MT	CO2Y 50MT	CO2Y 67MT	CO2Y 100MT	CO2Y 75LT	CO2Y 167LT
Refrigerant		CO2 (R744)					
Nominal capacity (kW)*		2,0	2,8	4,5	6,7	2,20	4,90
Minimum capacity (kW)*		0,7	1,9	1,6	2,3	0,89	2,11
Maximum capacity (kW)*		2,7	5,5	6,1	9,2	2,92	6,45
ECO-Design	COP	1,59	1,74	1,67			
	SEPR				2,81	1,44	1,61
	Compliant	Yes	Yes	Yes	Yes	Yes	Yes
Power supply		230V/Single phase/50HZ			400V/3ph/ 50HZ	230V/Single phase/50HZ	400V/3ph/ 50HZ
Fuse		16A	16A	16A	3x10A	16A	3x16A
Rps min/max		25/90	40/100	25/90	25/90	25/90	25/90
Design PS		120/80/80					
PED		Cat I					
Compressor		Rotary hermetic, BLDC motor					
Fans		1	1	1	2	1	2
Sound level (max speed)/dBA (m)		37	37	37	41	38	43
Max refrigerant charge L		3,8	3,8	5,7	5,7	3,8	5,7
Piping	Suction Line (inch)	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"
	Liquid Line (inch)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
		Fig 1			Fig 2	Fig 3	Fig 4
Dimensions	Lenght (mm)	1200	1200	1200*	1200*	1194	1200*
	Width (mm)	380	380	380	380	681	681
	Height (mm)	1030	1030	1030	1430*	1028	1638*
	Weight (kg)	125*	130	160*	185*	185*	210*
Available as water cooled		Yes	Yes	Yes	Yes	Yes	Yes
Options	Low ambient kit	x	x	x	x	x	x
	tERA remote monitoring	x	x	x	x	x	x

*prel.

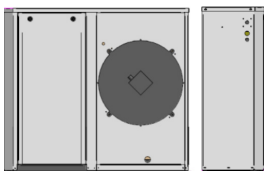


Fig 1

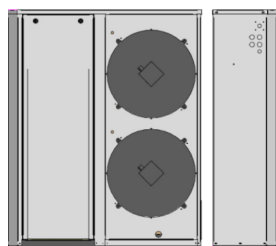


Fig 2

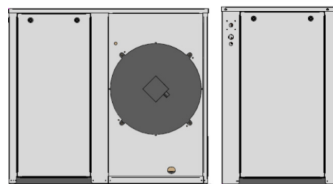


Fig 3

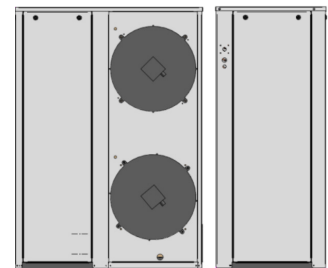


Fig 4

