

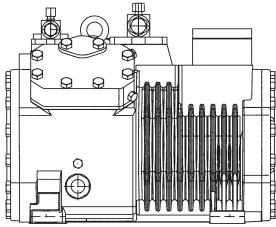
Compressors

Bitzer

Accessible Hermetic – OCTAGON® Series

For R404A, R507, R22, R407C and R134a

The Bitzer OCTAGON® Series of reciprocating accessible hermetic compressors features a range of compact models from 0.7 to 15 kW nominal motor power.



Standard Features

- Polyolester oil charge standard (Mineral oil charge available on request)
- Splash feed lubrication
- Crankcase heater fitted
- Electronic thermal motor protection
- Terminal box enclosure class IP65
- Integrated VARICOOL option for suction gas cooling or direct suction with external air cooling
- 4 cylinder models supplied with one head prepared for capacity control
- Power supply: 380-420 Volt, 3 Ph, 50 Hz

Optional Features

- Discharge gas temperature control device
- Additional cooling fan
- Solenoid valve assembly for capacity control on 4 cylinder models

Cat. No.	Model	Motor Nominal HP/kW	Displ. @ 1450 rpm m ³ /hr	No. of Cyls.	Oil Charge Litres	Weight kg	Connections		Cap. Cont. (Opt.)
							Disch. Valve	Suct. Valve	
250030	2HC-1.2Y	1/0.7	6.51	2	1	44	1/2"	5/8"	N/A
250031	2HC-2.2Y	1.5/1.1							
250032	2GC-2.2Y	1.5/1.1	7.58	2	1	45	1/2"	5/8"	
250033	2FC-2.2Y	1.5/1.1	9.54	2	1	45	1/2"	5/8"	
250034	2FC-3.2Y	1.8/1.3							
250035	2EC-2.2Y	2/1.5	11.36	2	1.5	67.5	5/8"	7/8"	
250036	2EC-3.2Y	3/2.2							
250037	2DC-2.2Y	2/1.5	13.42	2	1.5	67.5	5/8"	7/8"	
250038	2DC-3.2Y	3/2.2							
250039	2CC-3.2Y	3/2.2	16.24	2	1.5	70	5/8"	7/8"	
250040	2CC-4.2Y	4/3							
250041	4FC-3.2Y	3/2.2	18.05	4	2	82	5/8"	7/8"	50%
250042	4FC-5.2Y	5.5/4							
250043	4EC-4.2Y	4/3	22.72	4	2	84	5/8"	1 1/8"	
250044	4EC-6.2Y	5.5/4							
250045	4DC-5.2Y	5.5/4	26.84	4	2	85.5	7/8"	1 1/8"	
250046	4DC-7.2Y	7.5/5.5							
250047	4CC-6.2Y	7.5/5.5	32.48	4	2	90.5	7/8"	1 1/8"	
250048	4CC-9.2Y	9/7	32.48	4	2	90.5	7/8"	1 1/8"	
250049	4VC-6.2Y	6/4	34.7	4	2.6	132	7/8"	1 1/8"	
250050	4VC-10.2Y	10/7.5	34.7	4	2.6	141	7/8"	1 1/8"	
250051	4TC-8.2Y	8/5.5	41.3	4	2.6	137	1 1/8"	1 3/8"	
250052	4TC-12.2Y	12/9.2	41.3	4	2.6	144	1 1/8"	1 3/8"	
250053	4PC-10.2Y	10/7.5	48.5	4	2.6	142	1 1/8"	1 3/8"	
250054	4PC-15.2Y	15/11	48.5	4	2.6	150	1 1/8"	1 5/8"	
250055	4NC-12.2Y	12/9.2	56.2	4	2.6	144	1 1/8"	1 5/8"	
250056	4NC20.2Y	20/15	56.2	4	2.6	153	1 1/8"	1 5/8"	

Refer to following pages for refrigeration capacities and power consumption.