Advansor compSUPER XS 3x0 T / Bitzer 4FTC-20K-40P & 4KTC-10K-40S / CO2 Refrigeration compressor set

Specifications

Brand	Advansor
Type	compSUPER XS 3x0 T / Bitzer 4FTC-20K-40P & 4KTC-10K-40S / CO2 Refrigeration compressor set
Refrigerant	CO2
kW at 0ºC/+40ºC	91,7
kW at -5ºC/+40ºC	76,4
kW at -10ºC/+40ºC	63,1
On steel base frame	✓
Pressure gauges Hp/Lp/Op	✓
Liquid receiver	✓
Oil level system AC&R	✓
Sight Glass	✓
Solenoid Valve	✓
m3 / h	50 Hz - 37 m³/h / 60 Hz - 44,4 m³/h
Remarks |	Y.o.b. 2018
Package / Rack	✓
Sizes	2300x1180x2630 mm (LxWxH)
Stock	1

Description

Used Advansor compSUPER XS 3x0 T / Bitzer 4FTC-20K-40P & 4KTC-10K-40S / CO2 Refrigeration compressor set

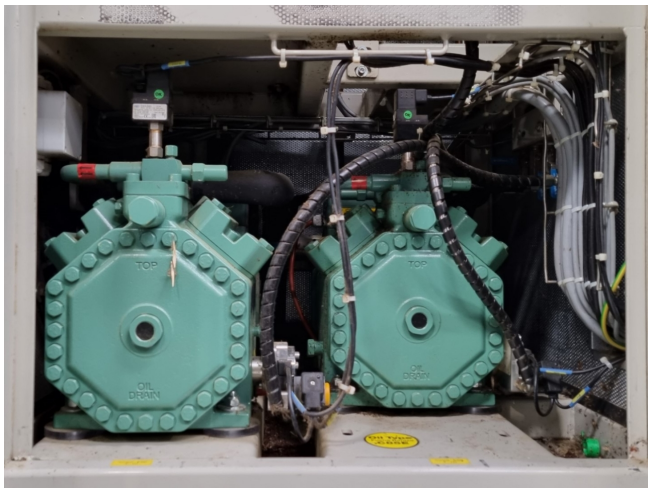
The Advansor compSUPER XS series delivers a compact, high-performance CO_2 refrigeration solution for businesses that demand efficiency, reliability, and long-term regulatory compliance. Developed by Advansor A/S, a global specialist in natural refrigerant technology, this platform is proven in thousands of installations worldwide. Designed for both transcritical and subcritical operation, the compSUPER XS combines excellent energy performance, robust

construction, and easy integration into new or existing refrigeration systems, making it a future-proof choice for commercial and industrial applications.

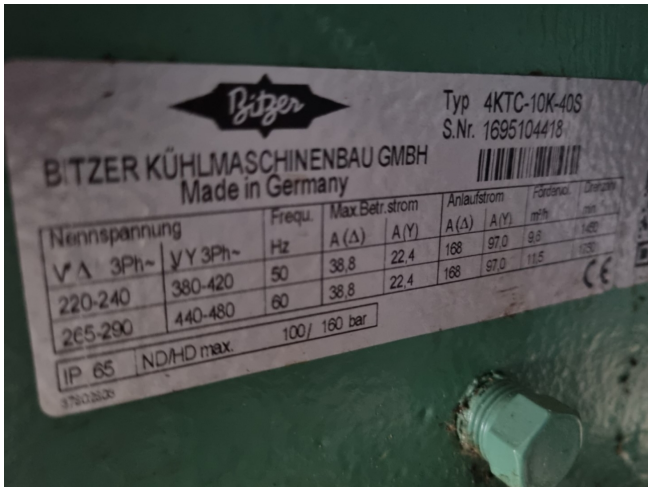
Used Advansor compSUPER XS 3x0 T CO_2 compressor set, built in 2018 and supplied as a complete system. The unit is equipped with three semi-hermetic Bitzer reciprocating compressors, consisting of one 4FTC-20K-40P and two 4KTC-10K-40S compressors, and includes a liquid receiver, pressure and safety switches, and an integrated control cabinet with a Danfoss VLT frequency drive for efficient and flexible capacity control. The package is complemented by an ECO KCE93E4V.3659 CO_2 gas cooler, fitted with three EBM-Papst axial fans rated for 50/60 Hz operation, 1.55 kW motor power, 800 RPM, and a 910 mm fan diameter. Together, this system represents a reliable, energy-efficient, and cost-effective solution for CO_2 refrigeration retrofit projects, system expansions, or new installations.

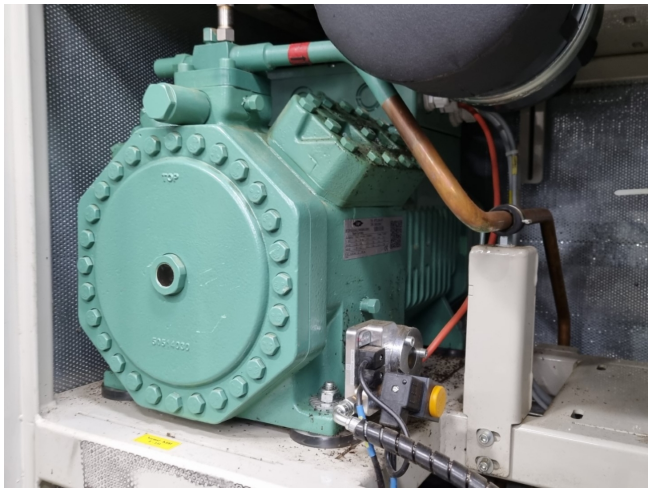
*Why choose for HOSBV? Were not only the largest used refrigeration specialist in Europe, but also, we deliver all equipment solely if it has passed our extensive test. Warranty and industrial cleaning are included in your purchase. *If requested we are happy to arrange your shipment.

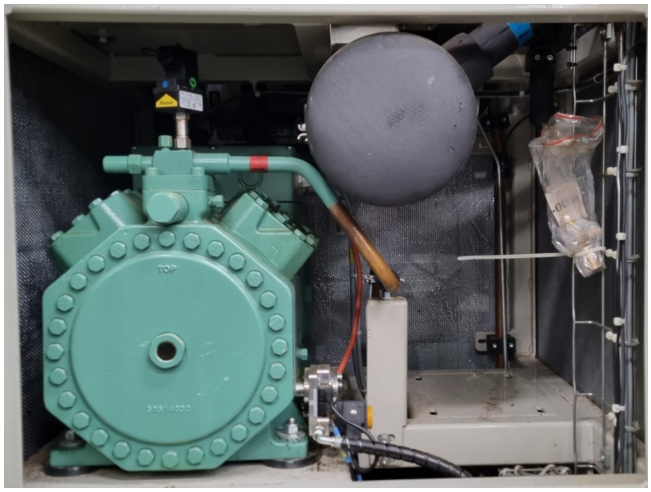
GIC SYSTEMS
700092
ADVANSOR
ADVANSOR A/S
Bautavej 1A
DK-8210 Aarhus V
Herstellungsjahr 2018
Serie Nr.: 2019-0095
Type: compSUPER XS 3x0 T
Druckgerät, Zeichnung Nr.: 80.0017
Kältemittel: CO2
Kältemittel Füllmenge: 90 kg
1727
Mobilec Nr.: 01001937883
Max zul. Arbeitsdruck (Hochdruck) [PS] 120 bar
Max zul. Arbeitsdruck (Niederdruck) [PS] 45 bar
Testdruck (Hochdruck) [PT] 132 bar
Testdruck (Niederdruck) [PT] 49.5 bar
Max zulässige Temperatur (Hochdruck) [TS] -10/+150°C
Max zulässige Temperatur (Niederdruck) [TS] -50/+150°C



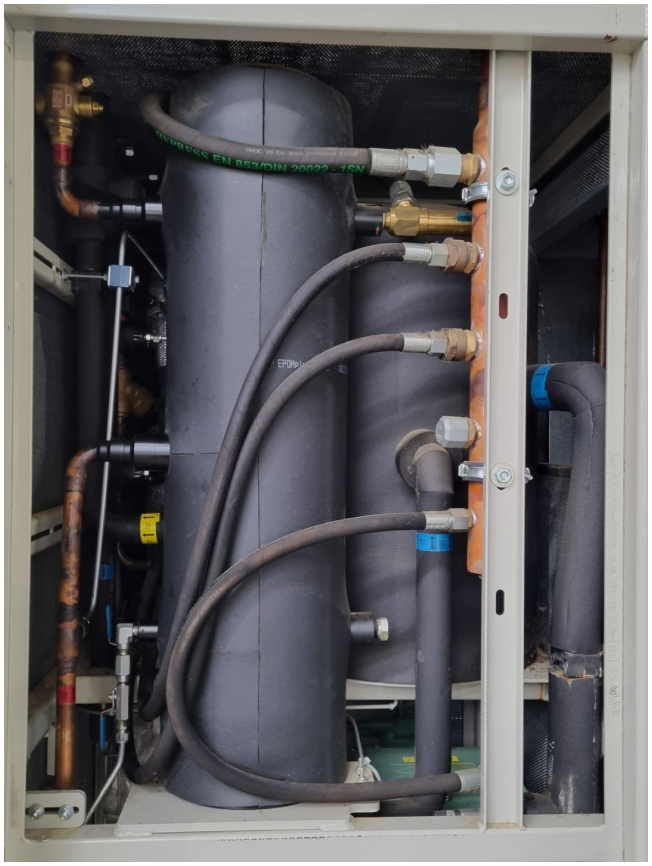
Typ 4KTC-10K-40S
S.Nr. 1695104420
BITZER KÜHLMASCHINENBAU GMBH
Made in Germany
Nennspannung
V Δ 3Ph~ | V Y 3Ph~ | Frequ. Hz | Max.Betr.strom A (Δ) | A (Y) | Anlaufstrom A (Δ) | A (Y) | Fördervol. m³/h | Drehzahl min⁻¹
220-240 | 380-420 | 50 | 38,8 | 22,4 | 168 | 97,0 | 9,6 | 1450
265-290 | 440-480 | 60 | 38,8 | 22,4 | 168 | 97,0 | 11,5 | 1750
IP 65 | ND/HD max. 100/ 160 bar

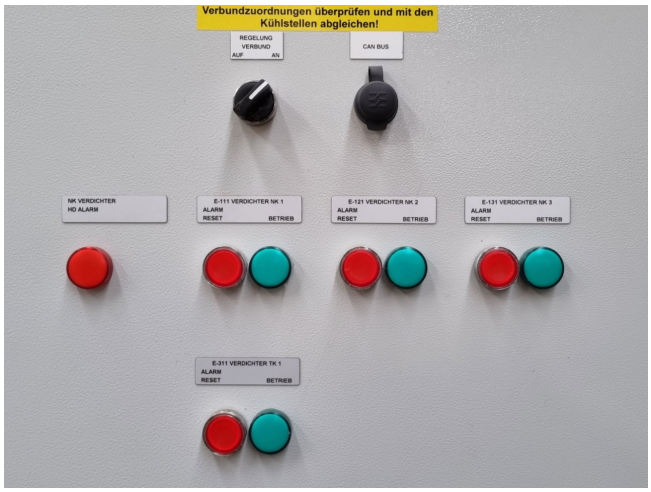

Typ 4KTC-10K-40S
S.Nr. 1695104418
BITZER KÜHLMASCHINENBAU GMBH
Made in Germany
Nennspannung
V Δ 3Ph~ | V Y 3Ph~ | Frequ. Hz | Max.Betr.strom A (Δ) | A (Y) | Anlaufstrom A (Δ) | A (Y)
220-240 | 380-420 | 50 | 38,8 | 22,4 | 168 | 97,0
265-290 | 440-480 | 60 | 38,8 | 22,4 | 168 | 97,0
IP 65 | ND/HD max. 100/ 160 bar

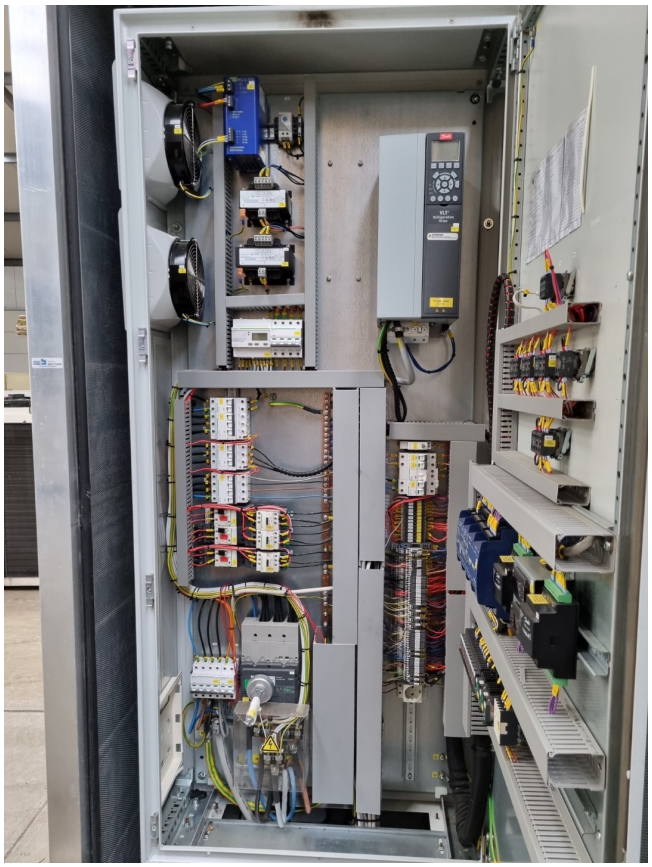


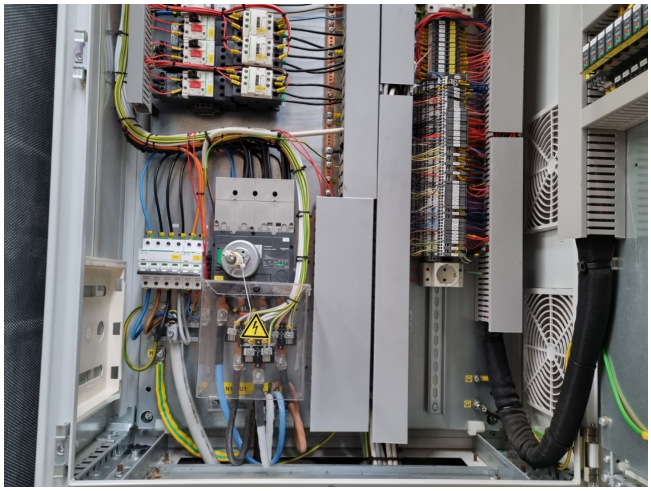


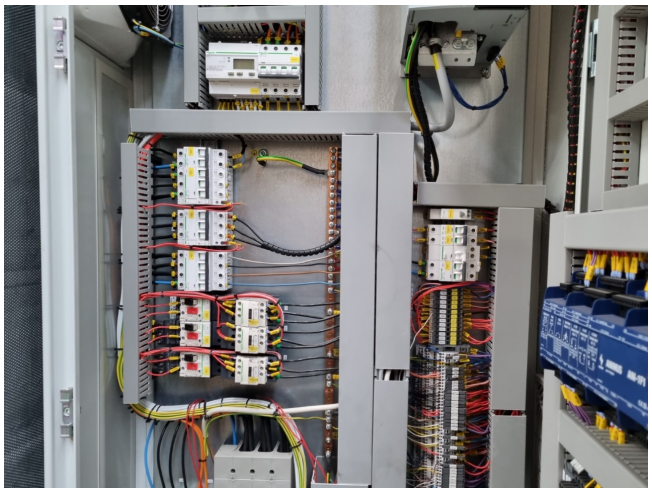
Typ 4FTC-20K-40P
S.Nr. 1695103661
BITZER KÜHLMASCHINENBAU GMBH
Made in Germany
Nennspannung V 3Ph~
Frequ. Hz
Betr.strom A (max.)
Anlaufstrom A (Y)
A (YY)
Fördervol. m³/h
Drehzahl min⁻¹
380-420 50 42.0 97.0 158 17.8 1450
440-480 60 42.0 97.0 158 21.4 1750
IP 66 ND/HD max. 85 / 160 bar




Verbundzuordnungen überprüfen und mit den Kühlstellen abgleichen!
REGELUNG VERBUND
AUF AN
CAN BUS
NK VERDICHTER HD ALARM
E-111 VERDICHTER NK 1
ALARM
RESET
BETRIEB
E-121 VERDICHTER NK 2
ALARM
RESET
BETRIEB
E-131 VERDICHTER NK 3
ALARM
RESET
BETRIEB
E-311 VERDICHTER TK 1
ALARM
RESET
BETRIEB







ECO heat transfer coolers
MODINE
MANUFACTURER:
Modine CIS Italy S.r.l.
VIA GIULIO LOCATELLI 22
33050 POCENIA (UDINE) ITALY
MADE IN ITALY/EU
MODEL KCE93E4V.3659
SERIAL NR. BS201801902
DATE 11/10/2018
CUSTOMER CODE
NR. OF MOTORS 03
RPM 800
MOTORS FEED 380..480V/3/50-60 Hz
MOTOR TOT. POW. (W) 4650
MOTOR TOT. CURR. (A) 7.2
HEATERS FEED (V)
HEATERS TOT. POW. (W)
(bar) 120 BAR
ERNAL VOLUME (litres) 33
WEIGHT (kg)

10-AS22-01
380 - 480 VAC 50/60 Hz
800 min-1
(A, static) N40 N=47.8 VSD integrated
130 Pa
M3G150-FF max3.0A
3ph 380-480V 50/60Hz