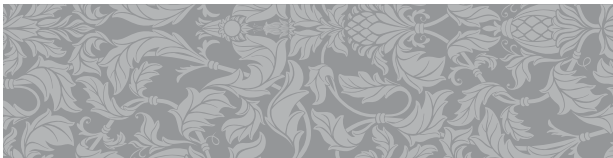


CENTRAL SYSTEMS



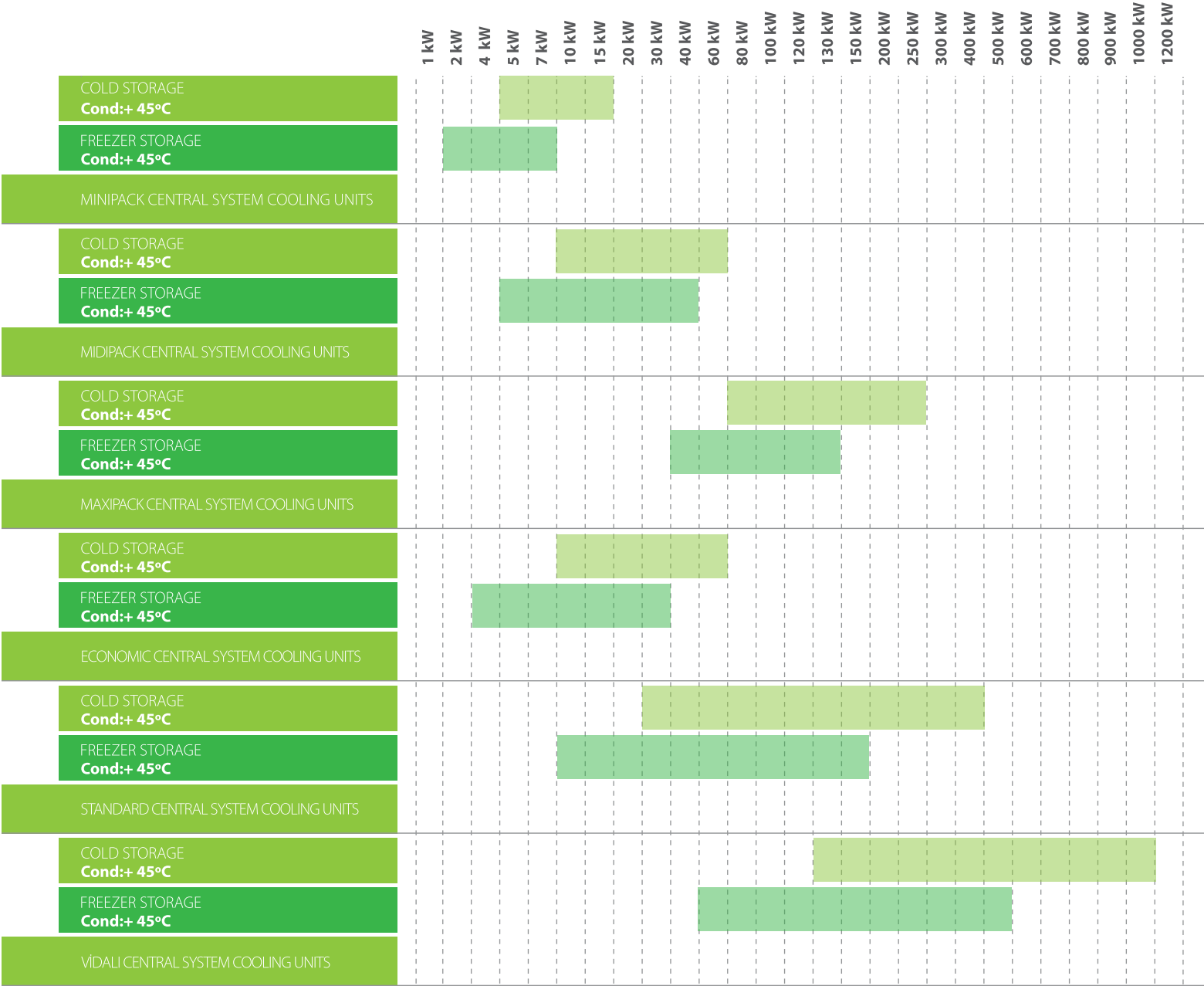
frigoteknika
GROUP





CENTRAL SYSTEM

CAPACITY DIAGRAM



MINIPACK CENTRAL SYSTEM



- Compatible for Supermarket applications
- IP55 Integrated Electrical Panel
- Advanced System Control
- Compact Ergonomic Design
- Quality Equipment
- Compatible condensers for hot environment
- High Security Equipment
- Extra Vibration Precautions
- Electrical Panels Compatible to the standards
- Durable cabinet for outdoors

TECHNICAL SPECIFICATIONS

CAPACITY

COLD STORAGE CAPACITY RANGE **(-10°C / +45°C)** **5 kW ~ 13 kW**

FREEZER STORAGE CAPACITY RANGE **(-30°C / +45°C)** **2 kW ~ 7 kW**

COMPRESSOR

TYPE Scroll / Hermetic

BRAND **Copeland / Tecumseh**

NOMINAL POWER RANGE **2 HP ~ 14 HP**

PIECES **2**

VOLTAGE **380V~420V / 3 PH / 50 Hz**

REFRIGERANT **R 404 A / R 407 F / R448 A / R 449 A**

CONDANSER

TYPE Monoblok

FAN SPEED High Speed/Low Speed

FIN Aluminium

TUBE MATERIAL Copper

DESIGN CONDITION (ΔT) **10 K**

STANDARD EQUIPMENTS

Mechanic

- Scroll / Hermetic Compressor
- Compressor Service Valve
- Check Valve (1)
- Liquid Receiver
- Liquid Receiver Service Valve
- Liquid Line Filter (Drayer)
- Liquid Line Service Valve
- Liquid Line Sight Glass
- Air Cooled Condanser
- Axial Fan
- Cabin

Lubrication Control

- Oil Seperator
- Oil Balancing Sight Glass
- Oil Balancing Service Valve
- Oil Filter
- Flexible Oil Line

Pressure Control

- Dual Pressure Presostad
- Low/High Pressure Manometer
- Pressure Pipe Service Valve

Control

- Rack Kontrol
- Entegre IP55 Elektrical Box

OPTIONAL EQUIPMENTS

- Compressor Inverter
- Fan Inverter
- Oil Level Regulator Kit
- Acoustic Insulation

MIDIPACK CENTRAL SYSTEM



- Compatible for Supermarket applications
- Compressor and Fan Speed Control
- High Energy Efficiency
- Quality Equipment
- IP55 Integrated Electrical Panel
- Compatible condensers for hot environment
- High Security Equipment
- Extra Vibration Precautions
- Electrical Panels Compatible to the standards
- Durable cabinet for outdoors

TECHNICAL SPECIFICATIONS

CAPACITY		
COLD STORAGE CAPACITY RANGE	(-10°C / +45°C)	11 kW ~ 60 kW
FREEZER STORAGE CAPACITY RANGE	(-30°C / +45°C)	6 kW ~ 35 kW
COMPRESSOR		
TYPE	Scroll / Hermetic	
BRAND	Copeland / Frascold / Bitzer / Bock / Dorin	
NOMINAL POWER RANGE	6 HP ~ 45 HP	
PIECES	Scroll 2~5 / Semi Hermetic 2~3	
VOLTAGE	380V~420V / 3 PH / 50 Hz	
REFRIGERANT	R 404 A / R 407 F / R 448 A / R 449 A	
CONDANSER		
TYPE	Monoblok	
FAN SPEED	High Speed/Low Speed	
FIN	Aluminium	
TUBE MATERIAL	Copper	
DESIGN CONDITION (ΔT)	10 K	

STANDARD EQUIPMENTS

- Mechanic
 - Scroll / Semi Hermetic Compresor
 - Compressor Service Valve
 - Check Valve (4)
 - Muffler (3)
 - Liquid Receiver
 - Safety Valve
 - Liquid Receiver Service Valve
 - Liquid Line Filter (Drayer)
 - Liquid Line Service Valve
 - Liquid Line Sight Glass
 - Suction Line ServiceValve
 - Air Cooled Condanser
 - Axial Fan
 - Cabin
- Lubrication Control
 - Oil Seperator
 - Oil Filter
 - Flexible Oil Line
- Crankcase Balancing Systems
 - Oil Balancing Sight Glass
 - Oil Balancing Service Valve
- Pressure Control
 - Dual Pressure Presostad
 - High Pressure Presostad
 - Low/High Pressure Manometer
 - Pressure Pipe Service Valve
- Control
 - Rack Kontrol
 - Compressor Inverter(2)
 - Fan Inverter(2)
 - Entegre IP55 Elektrical Box
- Electronic Oil Level Regulator Systems
 - Oil Tank
 - Electronic Oil Level Regulator
 - Oil Line Service Valves
 - Oil Pressure Switch

OPTIONAL EQUIPMENTS

- Compressor Inverter
- Fan Inverter
- Oil Level Regulator Kit
- Acoustic Insulation

Semi-hermetic compressors, 2 and 3scroll compressors Midipack Central System Lubrication is done by balancing system. Scroll Compressor Models Only in Semi-Hermetic Compressor Model. At suitable compressor.

MAXIPACK CENTRAL SYSTEM



- Compatible for Industrial and Supermarket Applications
- IP55 Integrated Electrical Panel
- Advanced System Control
- Electronic oil control
- Quality Equipment
- Compatible condensers for hot environment
- High Security Equipment
- Extra Vibration Precautions
- Complete, Ready for Installation Compact Design
- Durable cabinet for outdoors

TECHNICAL SPECIFICATIONS

KAPASİTE / CAPACITY

COLD STORAGE CAPACITY RANGE **(-10°C / +45°C)** **78 kW ~ 255 kW**

FREEZER STORAGE CAPACITY RANGE **(-30°C / +45°C)** **38 kW ~ 131 kW**

COMPRESSOR

TYPE	Semi Hermetic / Scroll
BRAND	Frascold / Bitzer / Dorin / Copeland / Bock
NOMINAL POWER RANGE	40 HP ~ 176 HP
PIECES	Scroll 7~12 - Semi Hermetic 3~4
VOLTAGE	380V~420V / 3 PH / 50 Hz
REFRIGERANT	R 404 A / R 407 F / R 448 A / R 449 A

CONDANSER

TYPE	/ Monoblok
FAN SPEED	High Speed/Low Speed
FIN	Aluminium
TUBE MATERIAL	Copper
DESIGN CONDITION (ΔT)	10 K

STANDARD EQUIPMENTS

<p>Mechanic</p> <ul style="list-style-type: none"> • Semi Hermetic / Scroll Compresor • Susturucu (1) • Discharge Line Vibration Eliminator (1) • Suction Line Vibration Eliminator (1) • Check Valve (3) • Discharge Line Valves • Liquid Receiver • Liquid Receiver Service Valves • Liquid Line Filter (Shells) • Liquid Line Service Valve • Suction Line Filter (Shells) • Suction Line ServiceValve • Suction Line Collector • Air Cooled Condanser • Axial Fan • Cabin 	<p>Lubrication Control</p> <ul style="list-style-type: none"> • Oil Seperator • Oil Tank • Electronic Oil Level Regulator • Oil Line Service Valves • Oil Filter • Oil Pressure Switch • Flexible Oil Line <p>Pressure Control</p> <ul style="list-style-type: none"> • Dual Pressure Presostad • High Pressure Presostad • Oil Pressure Presostad (2) • Low/High Pressure Manometer • Pressure Pipe Service Valve <p>Control</p> <ul style="list-style-type: none"> • Rack Kontrol • Entegre IP55 Elektrical Box
---	---

OPTIONAL EQUIPMENTS

- Compressor Inverter
- Fan Inverter
- Acoustic Insulation

(1) Only in Semi-Hermetic Compressor Model

(2) Oil Pump on Semi-Hermetic Compressor Models

(3) At suitable compressor

STANDARD CENTRAL SYSTEM



- Compatible for Industrial and Supermarket Application
- IP55 Integrated Electrical Panel
- Advanced System Control
- Electronic oil control
- Quality Equipment
- Compatible condensers for hot environment
- High Security Equipment
- Extra Vibration Precautions
- Electrical Panels Compatible to the standards
- Durable cabinet for outdoors

TECHNICAL SPECIFICATIONS

CAPACITY

COLD STORAGE CAPACITY RANGE **27 kW ~ 390 kW**

FREEZER STORAGE CAPACITY RANGE **10 kW ~ 161 kW**

COMPRESSOR

TYPE Semi Hermetic / Scroll

BRAND **Frascold / Bitzer / Copeland / Dorin / Bock**

NOMINAL POWER RANGE **12 HP ~ 250 HP**

PIECES **3 ~ 5 ve / and 4 ~ 12**

VOLTAGE **380V~420V / 3 PH / 50 Hz**

REFRIGERANT **R 404 A / R 407 F / R 448 A / R 449 A**

CONDANSER

TYPE Remote

FAN SPEED High Speed / Low Speed

FIN Aluminium

TUBE MATERIAL Copper

DESIGN CONDITION (ΔT) **10 K**

STANDARD EQUIPMENTS

Mechanic

- Semi Hermetic / Scroll Compresor
- Susturucu (1)
- Discharge Line Vibration Eliminator (1)
- Suction Line Vibration Eliminator (1)
- Check Valve (3)
- Discharge Line Valves
- Liquid Receiver
- Safety Valve
- Liquid Receiver Service Valves
- Liquid Line Filter (Shells)
- Liquid Line Service Valve
- Suction Line Filter (Shells)
- Suction Line ServiceValve
- Suction Line Collector
- Air Cooled Condanser
- Axial Fan
- Cabin

Lubrication Control

- Oil Seperator
- Oil Tank
- Electronic Oil Level Regulator
- Oil Line Service Valves
- Oil Filter
- Oil Pressure Switch (2)
- Flexible Oil Line

Pressure Control

- Dual Pressure Presostad
- High Pressure Presostad
- Oil Pressure Presostad (2)
- Low/High Pressure Manometer
- Pressure Pipe Service Valve

Control

- Rack Kontrol
- Entegre IP55 Elektrical Box

OPTIONAL EQUIPMENTS

- Compressor Inverter
- Fan Inverter
- Acoustic Insulation

(1) Only in Semi-Hermetic Compressor Model

(2) Oil Pump on Semi-Hermetic Compressor Models

(3) At suitable compressor

EKONOMIC CENTRAL SYSTEM



- Compatible for low-budget facilities.
- IP55 Integrated Electrical Panel
- Easy Maintenance
- Quality Equipment
- Compatible condensers for hot environment
- Advanced Compressor and Fan Control
- Extra Vibration Precautions
- Electrical Panels Compatible to the standards
- Small Size Simple Design
- Quiet Condenser Option

TECHNICAL SPECIFICATIONS

CAPACITY

COLD STORAGE CAPACITY RANGE **(-10°C / +45°C)** **10 kW ~ 60 kW**

FREEZER STORAGE CAPACITY RANGE **(-30°C / +45°C)** **4 kW ~ 25 kW**

COMPRESSOR

TYPE Semi Hermetic / Scroll

BRAND **Frascold / Bitzer / Copeland / Sanyo / Bock / Dorin**

NOMINAL POWER RANGE **4 HP ~ 36 HP**

PIECES **2 ~ 3**

VOLTAGE **380V~420V / 3 PH / 50 Hz**

REFRIGERANT **R 404 A / R 407 F / R 448 A / R 449 A**

CONDANSER

TYPE Remote

FAN SPEED / High Speed / Low Speed

FIN Aluminium

TUBE MATERIAL Copper

DESIGN CONDITION (ΔT) **10 K**

STANDARD EQUIPMENTS

Mechanic

- Semi Hermetic / Scroll Compresor
- Muffler (1)
- Discharge Line Vibration Eliminator (1)
- Check Valve (2)
- Discharge Line Valves
- Liquid Receiver
- Safety Valve
- Liquid Receiver Service Valves
- Liquid Line Filter
- Liquid Line Service Valve
- Liquid Line Sight Glass
- Suction Line ServiceValve
- Air Cooled Condanser
- Axial Fan
- Cabin

Lubrication Control

- Oil Seperator
- Oil Tank
- Flexible Oil Line
- Oil Balancing Sight Glass
- Oil Balancing Service Valve

Pressure Control

- Dual Pressure Presostad
- High Pressure Presostad
- Low/High Pressure Manometer
- Pressure Pipe Service Valve

Control

- Rack Kontrol
- Entegre IP55 Elektrical Box

OPTIONAL EQUIPMENTS

- Compressor Inverter
- Fan Inverter

(1) Only in Semi-Hermetic Compressor Model

(2) At suitable compressor

SCREW CENTRAL SYSTEM



- Compatible For High Capacity Industrial facilities.
- IP55 Integrated Electrical Panel
- Advanced System Control
- Air Cooled Advanced Oil Flow Control
- Quality Equipment
- Economizer for each compressors
- Compatible condensers for hot environment
- High Security Equipment
- Custom Design Oil Separator
- Electrical Panels Compatible to the standards

TECHNICAL SPECIFICATIONS

CAPACITY

COLD STORAGE CAPACITY RANGE **10°C / +45°C** **140 kW ~ 1020 kW**

FREEZER STORAGE CAPACITY RANGE **-30°C / +45°C** **70 kW ~ 463 kW**

KOMPRESÖR / COMPRESSOR

TYPE **Vidalı / Screw**

BRAND **Frascold / Bitzer**

NOMINAL POWER RANGE **70 HP ~ 550 HP**

PIECES **2 ~ 5**

VOLTAGE **380V~420V / 3 PH / 50 Hz**

REFRIGERANT **R 404 A**

KONDANSER / CONDANSER

TYPE **Ayrık / Remote**

FAN SPEED **Yüksek Devir / Alçak Devir / High Speed / Low Speed**

FIN **Aluminyum / Aluminium**

TUBE MATERIAL **Bakır / Copper**

DESIGN CONDITION (ΔT) **10 K**

STANDARD EQUIPMENTS

Mechanic

- Screw Compressor
- Discharge Line Vibration Eliminator
- Suction Line Vibration Eliminator
- Check Valve
- Discharge Line Valves
- Liquid Receiver
- Safety Valve
- Liquid Receiver Service Valves
- Liquid Line Filter (Shells)
- Liquid Line Service Valve
- Suction Line Filter (Shells)
- Suction Line Service Valve
- Suction Line Collector
- Economiser
- Air Cooled Condanser
- Axial Fan
- Cabin

Lubrication Control

- Oil Seperator
- Air Cooled Oil Condanser
- Oil Flow Control Kit
- Oil Line Service Valves
- Oil Pressure Switch
- Flexible Oil Line

Pressure Control

- Dual Pressure Presostad
- High Pressure Presostad
- Oil Pressure Presostad (2)
- Low/High Pressure Manometer
- Pressure Pipe Service Valve

Control

- Rack Kontrol
- Oil Temperature Termostad
- Entegre IP55 Elektrical Box