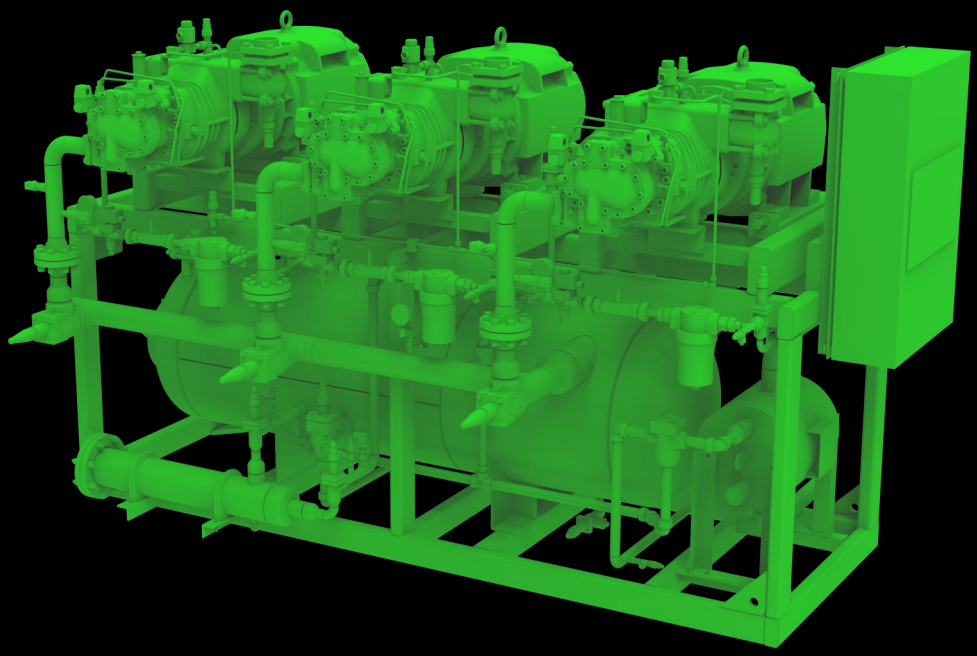
SCREW

COMPRESSOR PACKS

PAQUETES DE COMPRESORES // TORNILLO

SCP.2 / SCP.3

FOR USE WITH AMMONIA // PARA USO CON AMONIACO



60 Hz // VP-320-02

SCP.2 / SCP.3 Series

Nominal Horsepower 60-300HP

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Serie SCP.2 / SCP.3

Potencia Nominal 60-300 HP

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The Next Generation of Screw Compressor Packages

The world's leading compressor and pressure vessel manufacturer has expanded to meet the demands of the industrial and commercial market with a series of screw compressor packages designed specifically for ammonia.

Available with a wide variety of options and accessories, The BITZER Screw Compressor Package (SCP) is designed to meet the increasingly growing demand for smaller charge and more efficient systems.

For over 40 years, BITZER has delivered compressors for the ammonia refrigeration market. The packages now make applying these reliable and efficient compressors easy for any system.

Special Highlights

- ❑ Heavy duty industrial construction
- ❑ Wide variety of option and accessories
- ❑ Compact design
- ❑ Easy access and easy to service
- ❑ Same designs among different size compressors
- ❑ High efficiency, especially in part load
- ❑ Redundant compressors and filters

La Siguiente Generación en Paquetes de Compresores

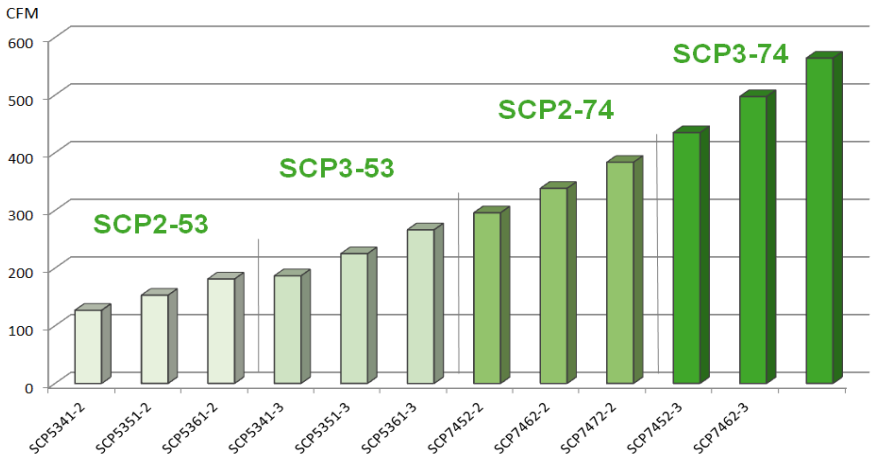
El fabricante de compresores y recipientes líder en el mundo se ha expandido para satisfacer las demandas del mercado industrial con una serie de paquetes de compresores diseñada específicamente para amoniaco.

Disponible con una amplia variedad de opciones y accesorios, los Paquetes BITZER de Compresores de Tornillo (SCP.2) están diseñados para satisfacer la creciente demanda de sistemas con cargas reducidas y más eficientes.

Por más de 40 años, BITZER ha suministrado compresores para el mercado de refrigeración con amoniaco. Pero ahora los paquetes hacen más sencillo aplicar estos compresores confiables y eficientes en cualquier sistema.

Lo Más Destacado

- ❑ Construcción robusta
- ❑ Amplia variedad de opciones y accesorios
- ❑ Diseño compacto
- ❑ Serviceabildad
- ❑ Mismos diseños entre diferentes tamaños de compresores
- ❑ Alta Eficiencia, especialmente en cargas parciales
- ❑ Redundancia en compresores y filtros



The Closely Graduated Capacity Range

Rangos de Capacidades Continuos

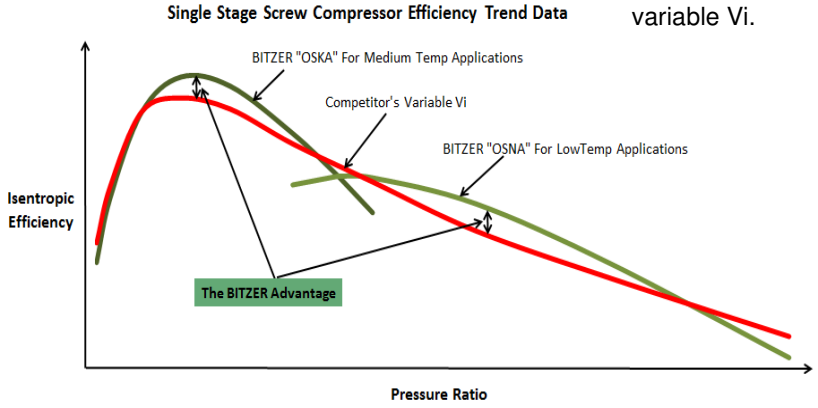
Energy Efficiency

No Suction Check valve

BITZER SCP packages utilize internal check valves on the compressors to prevent the rotors from continuously spinning backwards when the compressor is off. This feature is complemented by an oil solenoid/stop valve to ensure that oil does not flow while the compressor is not running.
These features eliminate the need for a suction check valve which would create unnecessary pressure drop and unwanted wasteful system efficiency!

Fixed Volumetric Index (Vi)

With larger compressors (over 150 tons), it can be beneficial to have a variable Vi control that adjusts the internal volumes to match the pressure ratio of the system. However, this additional mechanical feature creates losses in the compression process that are difficult to overcome on smaller rotor diameters.
For this reason, BITZER fixes the Vi for low and medium temp applications and still achieves higher efficiency over most of the application range in comparison to a competitor compressor with variable Vi.



Part Load Efficiency

All of BITZER's SCP packages can come equipped with a variable frequency drive. A VFD ensures system stability and a more efficient part load performance than other unloading methods. Years of experience has proven that compressors operate at part load (75% or below) for the vast majority of time. A VFD capitalizes on this to increase system efficiency.
Furthermore, multiple compressors greatly increases part load efficiency by keeping running compressors closer to full load, where the efficiency is highest.

Eficiencia Energética

No existe Válvula Check en la Succión

Los paquetes BITZER SCP utilizan válvulas check internas en los compresores para prevenir que los rotores giren en sentido contrario mientras el compresor esté apagado. Esta característica además está respaldada por una válvula solenoide de paro de aceite para asegurar que el aceite no fluye mientras el compresor está detenido.
Estas características evitan la necesidad de una válvula check en la succión, la cual podría crear una caída de presión innecesaria y afectar la eficiencia del sistema!

Índice Volumétrico Fijo (Vi)

Para compresores grandes (mayores a 150 TR), puede significar un beneficio tener un índice volumétrico variable Vi que ajuste los volúmenes internos para hacerlos coincidir con la relación de compresión del sistema. Sin embargo, esta característica mecánica genera pérdidas en el proceso de compresión que son difíciles de rectificar en diámetros menores de rotores. Por esta razón, BITZER fija el Vi para aplicaciones de baja y media temperatura e incluso logra mejores eficiencias en la mayoría de los rangos de aplicación en comparación con un compresor de la competencia de volumen variable Vi.

Eficiencia a Cargas Parciales

Todos los paquetes BITZER SCP pueden venir equipados con un variador de velocidad. Dicho variador asegura la estabilidad del sistema y una operación más eficiente a cargas parciales. Años de experiencia han probado que los compresores operan a cargas parciales (menores del 75%) la mayor parte del tiempo. Un variador de velocidad permite para mejorar la eficiencia en cargas parciales. Por otra parte, varios compresores aumenta en gran medida la eficiencia de carga parcial, manteniendo compresores en funcionamiento más cercanas a plena carga, donde la eficiencia es mayor.

The Decisive Technical Features

Reliable Screw Technology

- ❑ Utilizing long proven open drive screw series OS'53 & OS'74
- ❑ High-efficiency profile twin screws using advance geometry and high rigidity
- ❑ Wide Speed Range (VFD Optional):
  - SCP53: 1450-4500 RPM
  - SCP74: 1450-4000 RPM
- ❑ Automatic start unloading
- ❑ Capacity control via hydraulically operated pistons:
  - SCP53: 75%
  - SCP74: 50 & 75%
- ❑ Economizer operation (Optional)
- ❑ High quality shaft seal
- ❑ Internal pressure relief valve
- ❑ Compressor integrated discharge check valve

High Efficiency Motors

- ❑ NEMA premium efficiency C-face motors
- ❑ Inverter rated duty
- ❑ Standard: ODP (IP23)
- ❑ Option: TEFC (IP55)

Quality

- ❑ Robust, industrial strength frame
- ❑ C-Face motor and machined steel housing ensures perfect motor/compressor shaft alignment
- ❑ Long lasting "Flender" style coupling increases shaft to motor reliability
- ❑ Motors include Aegis ring and ground shaft current protection for VFD operations
- ❑ Motor heaters available for high humidity conditions

Características Técnicas Decisivas

Tecnología de Tornillo Confiable

- ❑ Confiabilidad probada por mucho tiempo de las series de compresores abiertos OS'53 y OS'74
- ❑ Perfil de tornillos de alta eficiencia que utilizan una geometría avanzada y robusta
- ❑ Amplio Rango de Velocidad (Variador de Velocidad Opcional):
  - SCP53: 1450-4500 RPM
  - SCP74: 1450-4000 RPM
- ❑ Arranque descargado automático
- ❑ Control de capacidad por pistones hidráulicos:
  - SCP53: 75%
  - SCP74: 50% y 75%
- ❑ Operación con Economizador (Opcional)
- ❑ Sello mecánico de alta calidad
- ❑ Válvula de alivio de presión interna
- ❑ Válvula check en la descarga integrada en el compresor

Motores de Alta Eficiencia

- ❑ Motores NEMA brida "C" de eficiencia premium
- ❑ Adecuado para usar con un VFD
- ❑ Estándar: ODP (IP23)
- ❑ Opcional: TEFC (IP55)

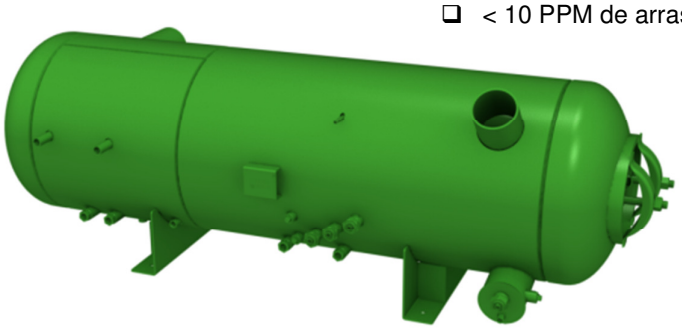
Calidad

- ❑ Bastidor robusto tipo industrial
- ❑ El motor brida C y "housing" de acero maquinado aseguran la perfecta alineación motor/compresor
- ❑ Acople tipo "Flender" de larga duración incrementa la confiabilidad eje-motor
- ❑ Los motores incluyen anillos Aegis y protección de corriente del eje a tierra para operaciones con VFD
- ❑ Calefactores de motor disponibles para condiciones de alta humedad

The Decisive Technical Features

Oil Separator

- ❑ BITZER ASME vertical coalescing oil separator
- ❑ Multiple coalescer elements designed to match application
- ❑ Pressure rating: 300psi (higher available)
- ❑ 4 Stages of separation
- ❑ < 10 PPM oil carry over



Oil Management

- ❑ 5 micron oil filtration
- ❑ Easily accessible oil filter
- ❑ Individual dedicated redundant secondary filter
- ❑ External oil line solenoids and flow switch
- ❑ Discharge pressure regulator to ensure oil pressure on startup (and in low ambients).
    - Booster applications: Regulator is removed and an oil pump is added to primary oil line

Oil Cooling

- ❑ Standard: High efficiency plate heat exchanger can be used with thermosiphon or water/glycol cooling
- ❑ Option: Liquid injection available (controller via reliable motorized multifunction valve system)

Sensor and Switches

- ❑ Pressure and temperature sensors:
    - Suction Header
    - Discharge (between compressor and separator)
    - Coalescing oil separator basin
    - Oil line (pre and post oil filter pressure sensors)

Las características técnicas decisivas

Separador de Aceite

- ❑ Separador de aceite vertical BITZER certificado ASME
- ❑ Elementos coalescentes múltiples diseñados para cada aplicación
- ❑ Rango de presión: 300 psi (mayores disponibles)
- ❑ 4 Etapas de separación
- ❑ < 10 PPM de arrastre de aceite

Manejo de Aceite

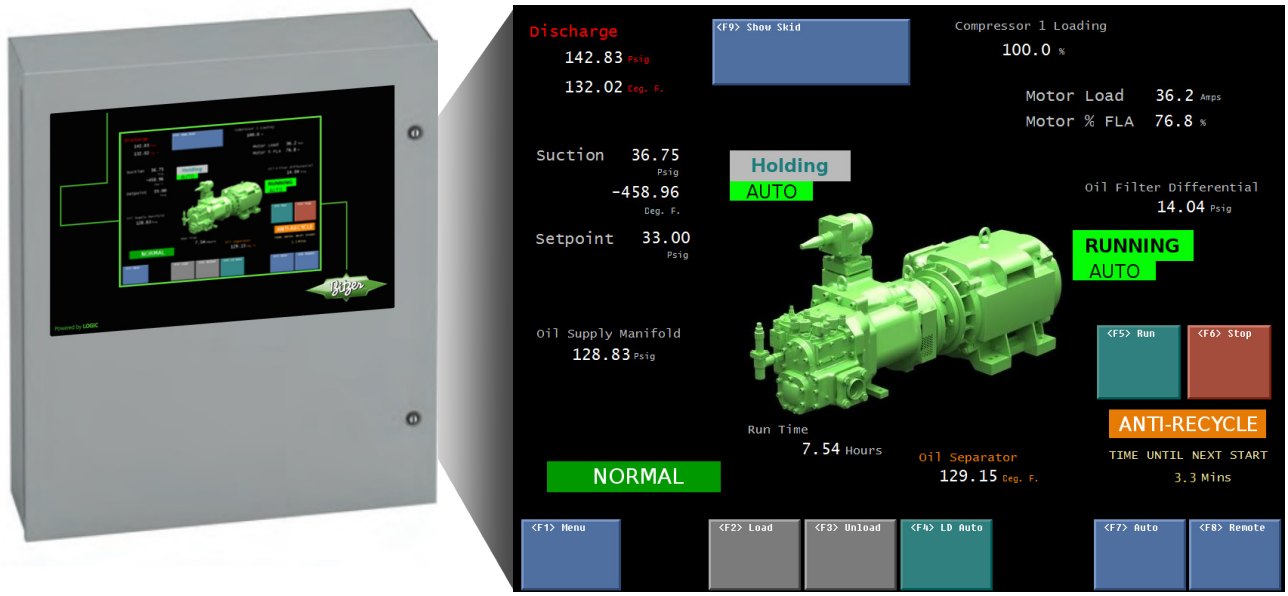
- ❑ Filtración de aceite a 5 micrones
- ❑ Filtro de aceite de fácil accesibilidad
- ❑ Filtro secundario individual y redundante
- ❑ Solenoides en línea externa de aceite e interruptores de flujo
- ❑ Regulador de presión de descarga para asegurar presión de aceite durante el arranque (y en ambientes de baja temperatura).
    - Aplicaciones Booster: El regulador se elimina y se incluye una bomba de aceite en la línea principal de aceite

Enfriamiento de Aceite

- ❑ Estándar: Uso de intercambiador de calor de placas de alta eficiencia en sistemas termosifón o en sistemas de enfriamiento por agua o glicol
- ❑ Alternativa: Inyección de líquido controlado vía válvula motorizada multifuncional (LIOC)

Sensores e Interruptores

- ❑ Sensores de presión y temperatura:
    - Cabezal de Succión
    - Línea de descarga (antes de separador)
    - Separador de aceite
    - Línea de aceite (sensores de presión antes y después de los filtros de aceite)



The Controller

Controller Functions (Standard)

- Compressor capacity control
  - Standard: Mechanical unloading
  - Option: Variable frequency drive
- Compressor / motor protection:
  - Application limit monitoring
    - High discharge, oil temperature monitor
  - Low Suction pressure
  - Oil temp and pressure monitoring
  - SCP53/74: Oil filter, flow switch monitoring
  - Short cycle protection
  - Rotation direction protection
- Motor Protection
  - High motor amps
  - High motor temperature via embedded thermistors
- Economizer control
- VFD and Soft-starter control and communication via Modbus
- Digital Input and Output available for system communication
- Highly serviceable input and output menu and panel layout

El Controlador

Funciones del Controlador

- Control de capacidad del compresor
  - Estándar: Descarga mecánica
  - Opcional: Variador de Velocidad
- Protección compresor / motor:
  - Monitoreo de límites de aplicación
    - Alta temperatura de aceite en la descarga
  - Baja presión de succión
  - Monitoreo de temperatura y presión de aceite
  - SCP53/74: Monitoreo del interruptor de flujo y el filtro de aceite
  - Protección contra arranques consecutivos (Short cycle)
  - Protección de dirección de rotación
- Protección de Motor
  - Alto amperaje de motor
  - Alta temperatura de motor a través de termistores internos
- Control del economizador
- Variador de velocidad, control del arrancador y comunicación vía Modbus
- Entradas y salidas digitales disponibles para comunicación con el sistema
- Menú de entradas y salidas de fácil servicio con un diseño sencillo.

The Controller

Technical Details

- ❑ NEMA 12 painted enclosure
- ❑ 15" LCD Touch Screen (1024 x 768 Resolution)
- ❑ Graphical User Friendly Operator Interface
- ❑ Communication Ports:
  - o RS232 9-Pin
  - o RS422/485
  - o 10/100 Ethernet
- ❑ Input/Outputs:
  - o (24+) Opto 22 G4 Digital I/O points
  - o (16+) Single Ended Analog Input Points
- ❑ PC104 Bus Architecture
- ❑ DB/OS32+ Operating System
- ❑ Intel Pentium Processor
- ❑ Compact Flash Storage

Additional Features

- ❑ Easy and simple menu navigation
- ❑ Remote PC monitoring
- ❑ Alarm notification via email
- ❑ Security / User log-in access levels
- ❑ Highly serviceable input and output menu and panel layout
- ❑ Alarm history and data logging

El Controlador

Detalles Técnicos

- ❑ Gabinete pintado tipo NEMA 12
- ❑ Pantalla LCD de 15" Touch Screen (Resolución 1024 x 768)
- ❑ El interface de operación gráfica lo hace amigable con el usuario
- ❑ Puertos de Comunicación:
  - o RS232 9-Pin
  - o RS422/485
  - o 10/100 Ethernet
- ❑ Entradas / Salidas:
  - o (24+) Opto 22 G4 Puntos Digitales I/O
  - o (16+) Puntos de entrada análogos de terminación individual
- ❑ Arquitectura Bus PC104
- ❑ Sistema Operativo DB/OS32+
- ❑ Procesador Intel Pentium
- ❑ Almacenamiento en memoria interna

Características Adicionales

- ❑ Menú de navegación simple y sencillo
- ❑ Monitoreo remoto en PC
- ❑ Notificación de alarma vía email
- ❑ Diferentes niveles de acceso: seguridad / usuario
- ❑ Menú de entradas y salidas amigable
- ❑ Historial de alarmas y adquisición de datos

Model Number Nomenclature

S C P 7 4 7 2 K - 2 V - H B E P

Series

S C P 7 4 7 2 K - 2 V - H B E P

Compressor Model
Frame Size / Displacement

S C P 7 4 7 2 K - 2 V - H B E P

Application Range
K = Medium / High Temperature Range
N = Low Temperature Application
H = High Temperature Range (74 Series only)
B = Booster Application

S C P 7 4 7 2 K - 2 V - H B E P

Number of Compressors

S C P 7 4 7 2 K - 2 V - H B E P

Capacity Control Method
V = Variable frequency drive
C = Capacity control (w/o VFD)

S C P 7 4 7 2 K - 2 V - H B E P

Oil Cooling Method
H = Thermosiphon or water/brine via a HX
L = Liquid Injection

S C P 7 4 7 2 K - 2 V - H B E P

Controller
B = w/Controller

S C P 7 4 7 2 K - 2 V - H B E P

Economizer
E = Economizer heat exchanger included

S C P 7 4 7 2 K - 2 V - H B E P

Starter Panel
P = Soft-Starter or VFD panel included

Note: Model number does not fully define complete extent of delivery.

Nomenclatura

S C P 7 4 7 2 K - 2 V - H B E P

Serie

S C P 7 4 7 2 K - 2 V - H B E P

Modelo de Compresor
Tamaño / Desplazamiento

S C P 7 4 7 2 K - 2 V - H B E P

Rango de Aplicación
K = Media / Alta Temperatura
N = Baja Temperatura
H = Alta Temperatura (Solamente serie 74)
B = Booster

S C P 7 4 7 2 K - 2 V - H B E P

Número de Compresores

S C P 7 4 7 2 K - 2 V - H B E P

Método de Control de Capacidad
V = Variador de Velocidad
C = Control de Capacidad Mecánico (sin VFD)

S C P 7 4 7 2 K - 2 V - H B E P

Método de Enfriamiento de Aceite
H = Intercambiador de calor con agua o termosifón
L = Inyección de Líquido

S C P 7 4 7 2 K - 2 V - H B E P

Controlador
B = con controlador

S C P 7 4 7 2 K - 2 V - H B E P

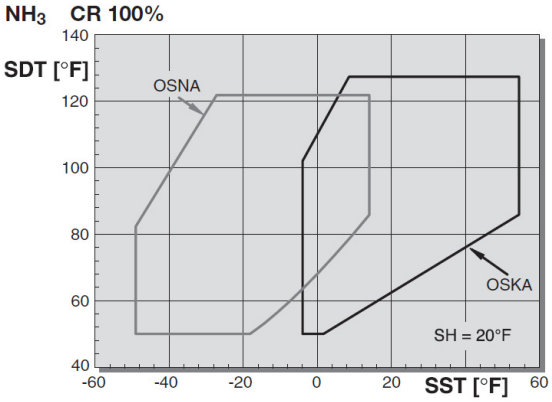
Economizador
E = Intercambiador de Calor de Economizador incluido

S C P 7 4 7 2 K - 2 V - H B E P

Panel Arrancador
P = Panel de Arrancador o Variador Incluido

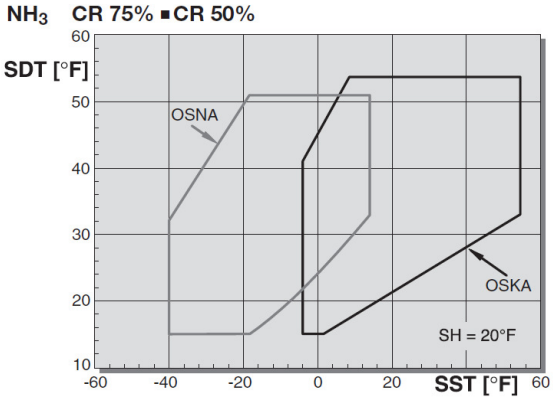
Nota: El modelo no define totalmente los accesorios incluidos.

Application Limits



Legend
SST Saturated suction temperature (°F)
SDT Saturation discharge temperature (°F)
SH Suction superheat

Límites de Aplicación



Légende
SST Température d'evaporation (°F)
SDT Température de condensation (°F)
SH Surchauffe de gas aspiré

Performance Data (Medium Temp / 60Hz)

Based on 2°F Suction gas superheat, 5°Subcooling

Datos de Desempeño (Temperatura Media / 60Hz)

Basado en 2°F Sobrecalentamiento, 5°F Subenfriamiento

2 Compressor Packages

Package Model* / Modelo*	Cond. Temp °F		Cooling Capacity [TR] / Potencia frigorífica [Toneladas] — Evaporation Temp °F / Temperatura de evaporación °F								
			45	40	35	25	20	15	10	5	0
SCP5341K-2C	85	TR	74.5	67.4	60.8	49.1	43.9	39.1	34.7	30.7	26.9
		kW	43.5	41.8	40.2	37.2	35.8	34.4	33.1	31.9	30.7
	95	TR	72.1	65.2	58.8	47.3	42.3	37.6	33.3	29.3	25.6
		kW	48.3	46.5	44.7	41.4	39.8	38.3	36.8	35.3	33.9
	105	TR	69.4	62.7	56.5	45.4	40.4	35.9	31.6	27.8	24.2
		kW	53.2	51.2	49.3	45.7	44.0	42.3	40.7	39.1	37.5
SCP5351K-2C	85	TR	88.7	80.3	72.5	58.5	52.4	46.7	41.4	36.6	32.1
		kW	52.7	50.6	48.6	44.8	43.1	41.4	39.7	38.2	36.6
	95	TR	85.9	77.7	70.0	56.4	50.4	44.8	39.7	35.0	30.6
		kW	58.6	56.3	54.1	49.9	47.9	46.0	44.2	42.3	40.6
	105	TR	82.7	74.7	67.3	54.1	48.2	42.8	37.8	33.2	28.9
		kW	64.6	62.2	59.8	55.3	53.1	51.0	48.9	46.8	44.8
SCP5361K-2C	85	TR	104.6	94.7	85.4	69.0	61.7	55.0	48.8	43.1	37.9
		kW	61.2	58.8	56.6	52.3	50.3	48.4	46.5	44.7	43.0
	95	TR	101.2	91.6	82.6	66.5	59.4	52.8	46.8	41.2	36.0
		kW	67.9	65.4	62.9	58.2	56.0	53.8	51.6	49.6	47.5
	105	TR	97.5	88.1	79.3	63.7	56.8	50.4	44.5	39.1	34.0
		kW	74.8	72.1	69.4	64.3	61.9	59.4	57.1	54.7	52.4
SCP7452K-2C	85	TR	179.6	162.7	147.0	118.9	106.4	94.9	84.3	74.6	65.6
		kW	92.0	92.6	92.4	90.1	88.3	86.3	84.4	82.5	80.9
	95	TR	175.3	158.4	142.8	115.0	102.7	91.4	81.0	71.4	62.6
		kW	107.5	106.8	105.4	101.7	99.6	97.6	95.8	94.4	93.5
	105	TR	169.8	153.1	137.7	110.4	98.3	87.2	77.0	67.7	59.2
		kW	122.4	120.8	118.8	114.5	112.5	110.9	109.7	109.2	109.6
SCP7462K-2C	85	TR	198.1	181.6	166.0	137.6	124.6	112.2	100.4	89.0	78.0
		kW	101.8	103.5	104.1	102.8	101.2	99.3	97.0	94.7	92.5
	95	TR	197.6	180.3	164.2	134.8	121.4	108.8	96.8	85.3	74.3
		kW	120.3	120.4	119.6	116.3	114.0	111.6	109.2	106.9	105.0
	105	TR	194.1	176.4	160.0	130.2	116.8	104.1	92.2	80.9	70.1
		kW	138.4	137.2	135.4	130.6	128.1	125.6	123.3	121.5	120.2
SCP7472K-2C	85	TR	208.5	192.4	177.2	148.9	135.7	122.9	110.3	98.0	85.7
		kW	107.3	109.8	111.0	110.5	109.0	107.0	104.7	102.1	99.6
	95	TR	210.6	193.3	177.0	147.0	133.0	119.6	106.6	94.0	81.6
		kW	127.8	128.4	128.1	125.1	122.7	120.1	117.3	114.6	112.0
	105	TR	208.6	190.5	173.5	142.5	128.2	114.6	101.6	89.1	76.8
		kW	147.8	146.9	145.3	140.4	137.5	134.4	131.5	128.9	126.7

*For packages with VFD, overspeeding is possible.
To estimate capacity and power, use the following factors:
- 2 compressor package: 1.09
- 3 compressor package: 1.06

*Para paquetes con variador de velocidad, velocidad excesiva es posible. Para estimar la capacidad y la potencia, use los siguientes factores:
- Paquete de 2 compresores: 1,09
- Paquete de 3 compresores: 1,06

Performance Data (Medium Temp / 60Hz)

Based on 2°F Suction gas superheat, 5°Subcooling

Datos de Desempeño (Temperatura Media / 60Hz)

Basado en 2°F Sobrecalentamiento, 5°F Subenfriamiento

3 Compressor Packages

Package Model* / Modelo*	Cond. Temp °F		Cooling Capacity [TR] Potencia frigorífica [Toneladas] — Evaporation Temp °F / Temperatura de evaporación °F								
			45	40	35	25	20	15	10	5	0
SCP5341K-3C	85	TR	111.7	101.1	91.3	73.7	65.9	58.7	52.1	46.0	40.4
		kW	65.3	62.7	60.3	55.8	53.7	51.7	49.7	47.8	46.0
	95	TR	108.2	97.8	88.2	71.0	63.4	56.4	49.9	43.9	38.4
		kW	72.4	69.7	67.1	62.1	59.7	57.4	55.2	53.0	50.9
	105	TR	104.1	94.1	84.7	68.0	60.6	53.8	47.5	41.7	36.3
		kW	79.8	76.8	74.0	68.6	66.0	63.5	61.0	58.6	56.2
SCP5351K-3C	85	TR	133.1	120.4	108.7	87.8	78.5	70.0	62.1	54.9	48.2
		kW	79.0	75.9	72.9	67.2	64.6	62.0	59.6	57.2	55.0
	95	TR	128.8	116.5	105.1	84.7	75.6	67.2	59.5	52.4	45.9
		kW	87.9	84.5	81.2	74.9	71.9	69.0	66.2	63.5	60.9
	105	TR	124.1	112.1	101.0	81.1	72.3	64.2	56.7	49.8	43.4
		kW	97.0	93.3	89.7	82.9	79.6	76.4	73.3	70.3	67.3
SCP5361K-3C	85	TR	156.9	142.0	128.2	103.5	92.6	82.5	73.2	64.7	56.8
		kW	91.8	88.2	84.9	78.5	75.5	72.6	69.8	67.1	64.5
	95	TR	151.9	137.3	123.8	99.8	89.1	79.2	70.2	61.8	54.1
		kW	101.9	98.1	94.4	87.3	83.9	80.7	77.5	74.3	71.3
	105	TR	146.2	132.1	119.0	95.6	85.2	75.6	66.8	58.6	51.1
		kW	112.2	108.1	104.2	96.5	92.8	89.2	85.6	82.1	78.7
SCP7452K-3C	85	TR	269.4	244.0	220.4	178.4	159.7	142.4	126.5	111.8	98.3
		kW	138.0	138.9	138.6	135.1	132.5	129.5	126.5	123.8	121.4
	95	TR	262.9	237.7	214.3	172.6	154.1	137.1	121.5	107.1	93.9
		kW	161.3	160.2	158.2	152.6	149.4	146.4	143.7	141.6	140.3
	105	TR	254.7	229.7	206.6	165.6	147.4	130.8	115.5	101.6	88.8
		kW	183.7	181.2	178.2	171.8	168.8	166.3	164.6	163.9	164.3
SCP7462K-3C	85	TR	297.2	272.3	249.0	206.4	186.9	168.3	150.6	133.5	117.0
		kW	152.7	155.2	156.2	154.2	151.9	148.9	145.5	142.1	138.8
	95	TR	296.3	270.5	246.2	202.2	182.2	163.2	145.2	128.0	111.5
		kW	180.5	180.6	179.5	174.4	171.0	167.4	163.8	160.4	157.5
	105	TR	291.2	264.7	240.0	195.3	175.2	156.2	138.3	121.3	105.2
		kW	207.5	205.7	203.0	196.0	192.1	188.4	185.0	182.2	180.3
SCP7472K-3C	85	TR	312.7	288.6	265.7	223.4	203.5	184.3	165.5	147.0	128.6
		kW	161.0	164.7	166.5	165.7	163.5	160.6	157.0	153.2	149.3
	95	TR	315.9	289.9	265.5	220.4	199.5	179.4	160.0	141.0	122.3
		kW	191.7	192.7	192.1	187.6	184.1	180.1	176.0	171.8	168.0
	105	TR	312.9	285.7	260.2	213.7	192.3	172.0	152.5	133.6	115.3
		kW	221.7	220.4	218.0	210.6	206.2	201.7	197.3	193.3	190.0

*For packages with VFD, overspeeding is possible.
To estimate capacity and power, use the following factors:
- 2 compressor package: 1.09
- 3 compressor package: 1.06

*Para paquetes con variador de velocidad, velocidad excesiva es posible. Para estimar la capacidad y la potencia, use los siguientes factores:
- Paquete de 2 compresores: 1,09
- Paquete de 3 compresores: 1,06

Performance Data (Low Temp / 60Hz)

Based on 2°F Suction gas superheat, 5°Subcooling

Datos de Desempeño (Baja Temperatura / 60Hz)

Basado en 2°F Sobrecalentamiento, 5°F Subenfriamiento

Package Model* / Modelo*	Cond. Temp °F		Cooling Capacity [TR] Potencia frigorífica [Toneladas] Evaporation Temp °F					Power [kW] Potencia [kW] Temperatura de evaporación °F			
			10	0	-10	-20	-25	-30	-35	-40	-45
SCP5351N-2C	85	TR	43.1	34.0	26.3	20.0	17.3	14.8	12.6	10.5	8.7
		kW	46.0	40.9	36.5	32.5	30.7	29.0	27.3	25.6	24.1
	95	TR	41.4	32.5	25.0	18.9	16.2	13.8	11.6	9.6	
		kW	49.8	44.5	39.7	35.5	33.5	31.6	29.7	27.9	
	105	TR	39.4	30.8	23.6	17.6	15.1	12.7	10.6		
		kW	53.7	48.0	43.0	38.4	36.3	34.2	32.2		
SCP5361N-2C	85	TR	50.9	40.1	31.1	23.6	20.4	17.5	14.8	12.4	10.2
		kW	53.4	47.3	42.1	37.4	35.2	33.1	31.2	29.2	27.4
	95	TR	48.8	38.3	29.6	22.3	19.1	16.3	13.7	11.4	
		kW	57.5	51.2	45.5	40.5	38.1	35.8	33.7	31.6	
	105	TR	46.6	36.4	27.9	20.8	17.8	15.0	12.5		
		kW	61.7	55.0	48.9	43.5	40.9	38.5	36.1		
SCP7452N-2C	85	TR	83.1	64.7	49.3	36.8	31.4	26.6	22.3	18.5	15.1
		kW	85.7	77.7	71.4	66.4	64.2	62.3	60.4	58.7	56.9
	95	TR	80.8	62.6	47.5	35.2	29.9	25.2	21.0	17.3	
		kW	94.1	86.1	79.7	74.5	72.2	70.0	67.9	65.9	
	105	TR	78.3	60.4	45.5	33.4	28.3	23.8	19.7		
		kW	104.0	95.9	89.2	83.6	81.1	78.6	76.3		
SCP7462N-2C	85	TR	98.8	77.3	59.3	44.5	38.2	32.4	27.3	22.7	18.5
		kW	102.4	91.8	82.6	75.0	71.9	69.4	67.4	66.1	65.4
	95	TR	95.2	74.2	56.7	42.2	36.0	30.4	25.3	20.8	
		kW	110.2	99.3	89.8	82.0	78.8	76.2	74.2	72.8	
	105	TR	91.7	71.2	54.1	39.9	33.8	28.3	23.3		
		kW	119.5	108.4	98.6	90.6	87.4	84.7	82.7		
SCP7472N-2C	85	TR	108.4	85.1	65.6	49.4	42.4	36.1	30.4	25.3	20.6
		kW	112.7	100.6	89.2	79.1	74.7	70.8	67.5	64.9	63.1
	95	TR	104.0	81.4	62.4	46.7	39.8	33.7	28.0	22.9	
		kW	120.3	107.5	95.8	85.9	81.7	78.2	75.5	73.5	
	105	TR	99.9	77.9	59.4	43.9	37.2	31.1	25.5		
		kW	129.2	115.9	104.2	94.7	91.0	88.0	85.9		
SCP5351N-3C	85	TR	64.7	51.0	39.5	30.0	25.9	22.2	18.8	15.8	13.0
		kW	68.9	61.4	54.7	48.8	46.0	43.4	40.9	38.5	36.1
	95	TR	62.1	48.7	37.6	28.3	24.3	20.7	17.4	14.4	
		kW	74.7	66.7	59.6	53.2	50.2	47.4	44.6	41.9	
	105	TR	59.2	46.2	35.4	26.5	22.6	19.1	15.9		
		kW	80.5	72.1	64.5	57.6	54.4	51.3	48.3		
SCP5361N-3C	85	TR	76.4	60.2	46.6	35.4	30.6	26.2	22.2	18.6	15.4
		kW	80.1	71.0	63.1	56.1	52.8	49.7	46.7	43.9	41.1
	95	TR	73.2	57.5	44.3	33.4	28.7	24.4	20.6	17.0	
		kW	86.3	76.7	68.3	60.7	57.2	53.8	50.5	47.3	
	105	TR	69.8	54.6	41.8	31.2	26.6	22.5	18.7		
		kW	92.5	82.4	73.4	65.2	61.4	57.7	54.2		
SCP7452N-3C	85	TR	124.7	97.0	74.0	55.1	47.1	39.9	33.5	27.8	22.7
		kW	128.6	116.6	107.1	99.6	96.3	93.4	90.6	88.0	85.4
	95	TR	121.3	93.9	71.2	52.7	44.9	37.8	31.6	26.0	
		kW	141.2	129.2	119.6	111.7	108.2	105.0	101.9	98.8	
	105	TR	117.5	90.5	68.3	50.2	42.5	35.6	29.6		
		kW	155.9	143.8	133.8	125.4	121.6	117.9	114.4		
SCP7462N-3C	85	TR	148.1	115.9	89.0	66.8	57.3	48.7	40.9	34.0	27.7
		kW	153.6	137.8	123.9	112.5	107.9	104.0	101.1	99.1	98.1
	95	TR	142.8	111.3	85.0	63.3	54.0	45.6	38.0	31.2	
		kW	165.3	149.0	134.7	123.0	118.2	114.3	111.2	109.2	
	105	TR	137.6	106.8	81.1	59.9	50.7	42.4	35.0		
		kW	179.3	162.5	147.9	135.9	131.1	127.1	124.0		
SCP7472N-3C	85	TR	162.6	127.6	98.4	74.1	63.7	54.2	45.6	37.9	30.9
		kW	169.1	151.0	133.9	118.6	112.0	106.2	101.2	97.4	94.6
	95	TR	156.1	122.1	93.6	70.0	59.8	50.5	42.1	34.4	
		kW	180.4	161.2	143.7	128.8	122.6	117.3	113.2	110.3	
	105	TR	149.9	116.8	89.0	65.9	55.8	46.7	38.3		
		kW	193.8	173.9	156.3	142.1	136.5	132.0	128.8		

Performance Data (Low Temp, Economizer / 60Hz)
Based on 2°F Suction gas superheat, 10°F Approach

Datos de Desempeño (Baja Temp, Economizador / 60Hz)
Basado en 2°F Sobrecalientamiento, 10°F Approach

Package Model* / Modelo*	Cond. Temp °F		Cooling Capacity [TR] Potencia frigorífica [Toneladas] Evaporation Temp °F					Power [kW] Potencia [kW] Temperatura de evaporación °F			
			10	0	-10	-20	-25	-30	-35	-40	-45
SCP5351N-2C	85	TR	47.8	38.4	30.4	23.5	20.5	17.7	15.2	12.8	10.7
		kW	48.4	43.8	39.6	35.7	33.8	32.0	30.1	28.3	26.5
	95	TR	46.9	37.6	29.5	22.7	19.7	16.9	14.3	12.0	
		kW	53.2	48.2	43.6	39.2	37.1	35.0	32.9	30.7	
	105	TR	45.8	36.5	28.5	21.7	18.7	15.9	13.3		
		kW	58.1	52.7	47.6	42.7	40.3	37.9	35.5		
SCP5361N-2C	85	TR	55.8	44.9	35.5	27.5	24.0	20.8	17.8	15.1	12.6
		kW	57.0	51.6	46.7	42.1	39.9	37.7	35.5	33.3	31.1
	95	TR	54.7	43.9	34.6	26.6	23.1	19.8	16.9	14.1	
		kW	62.8	57.0	51.6	46.4	43.9	41.5	39.0	36.4	
	105	TR	53.5	42.7	33.4	25.5	22.0	18.7	15.7		
		kW	68.9	62.5	56.6	50.9	48.0	45.2	42.4		
SCP7452N-2C	85	TR	89.8	71.2	55.4	42.1	36.3	31.1	26.4	22.1	18.3
		kW	90.4	82.9	76.8	71.8	69.5	67.3	65.2	63.1	61.0
	95	TR	89.1	70.3	54.4	41.1	35.3	30.1	25.4	21.2	
		kW	101.0	93.4	86.9	81.3	78.7	76.2	73.7	71.1	
	105	TR	88.1	69.3	53.3	40.0	34.2	29.0	24.3		
		kW	113.6	105.5	98.5	92.1	89.1	86.1	83.0		
SCP7462N-2C	85	TR	105.3	83.9	65.7	50.3	43.5	37.4	31.8	26.7	22.0
		kW	105.6	95.9	87.2	79.7	76.6	73.9	71.7	70.0	68.9
	95	TR	103.5	82.2	64.1	48.7	41.9	35.8	30.1	25.0	
		kW	115.5	105.3	96.1	88.1	84.7	81.7	79.2	77.3	
	105	TR	101.8	80.6	62.4	47.0	40.3	34.1	28.4		
		kW	127.3	116.6	106.8	98.2	94.6	91.3	88.6		
SCP7472N-2C	85	TR	115.1	92.1	72.4	55.6	48.3	41.5	35.4	29.7	24.6
		kW	115.7	104.7	94.1	84.4	80.1	76.2	72.8	70.0	67.9
	95	TR	112.6	89.9	70.3	53.6	46.3	39.5	33.3	27.6	
		kW	125.3	113.5	102.5	92.8	88.5	84.8	81.8	79.4	
	105	TR	110.5	87.8	68.3	51.6	44.2	37.4	31.1		
		kW	136.9	124.4	113.0	103.3	99.3	95.9	93.2		
SCP5351N-3C	85	TR	71.7	57.6	45.6	35.3	30.7	26.6	22.8	19.2	16.0
		kW	72.5	65.7	59.4	53.5	50.7	48.0	45.2	42.4	39.7
	95	TR	70.4	56.3	44.3	34.0	29.5	25.3	21.5	18.0	
		kW	79.7	72.3	65.4	58.8	55.6	52.5	49.3	46.1	
	105	TR	68.6	54.7	42.7	32.5	28.0	23.8	20.0		
		kW	87.1	79.0	71.4	64.0	60.4	56.8	53.2		
SCP5361N-3C	85	TR	83.6	67.3	53.3	41.3	36.0	31.2	26.7	22.6	18.9
		kW	85.5	77.4	70.0	63.1	59.8	56.5	53.3	50.0	46.7
	95	TR	82.1	65.8	51.9	39.9	34.6	29.8	25.3	21.2	
		kW	94.2	85.5	77.4	69.7	65.9	62.2	58.4	54.7	
	105	TR	80.2	64.0	50.1	38.2	32.9	28.1	23.6		
		kW	103.3	93.8	84.9	76.3	72.0	67.8	63.5		
SCP7452N-3C	85	TR	134.8	106.8	83.0	63.1	54.5	46.6	39.5	33.2	27.5
		kW	135.5	124.4	115.3	107.6	104.2	101.0	97.8	94.6	91.5
	95	TR	133.6	105.5	81.6	61.6	53.0	45.2	38.1	31.8	
		kW	151.5	140.1	130.4	122.0	118.1	114.3	110.5	106.7	
	105	TR	132.2	103.9	79.9	60.0	51.3	43.5	36.5		
		kW	170.3	158.2	147.7	138.2	133.6	129.1	124.6		
SCP7462N-3C	85	TR	157.9	125.9	98.5	75.4	65.3	56.1	47.6	40.0	33.1
		kW	158.5	143.9	130.8	119.6	114.9	110.8	107.5	105.0	103.3
	95	TR	155.2	123.3	96.1	73.0	62.9	53.7	45.2	37.5	
		kW	173.3	158.0	144.1	132.1	127.0	122.6	118.9	115.9	
	105	TR	152.7	120.9	93.6	70.5	60.4	51.1	42.6		
		kW	191.0	174.9	160.2	147.4	141.8	137.0	132.8		
SCP7472N-3C	85	TR	172.7	138.1	108.5	83.5	72.4	62.3	53.1	44.6	36.9
		kW	173.5	157.1	141.2	126.7	120.2	114.3	109.3	105.0	101.8
	95	TR	169.0	134.8	105.5	80.5	69.4	59.3	50.0	41.4	
		kW	188.0	170.3	153.8	139.1	132.8	127.3	122.7	119.1	
	105	TR	165.7	131.7	102.5	77.5	66.4	56.1	46.7		
		kW	205.3	186.6	169.5	155.0	148.9	143.8	139.7		

Performance Data (Booster Applications / 60Hz)

Based on 2°F Suction gas superheat, 0°Subcooling

Datos de Desempeño (Aplicaciones Booster / 60Hz)

Basado en 2°F Sobrecalentamiento, 0°F Subenfriamiento

2 Compressor Packages

Package Model* / Modelo*	Cond. Temp °F		Cooling Capacity [TR] Potencia frigorífica [Toneladas] — Evaporation Temp °F / Temperatura de evaporación °F								
			-10	-15	-20	-25	-30	-35	-40	-45	-50
SCP5341B-2C	0	TR					15.6	13.4	11.4	9.8	8.2
		kW					8.0	8.0	8.0	7.8	7.8
	10	TR			20.0	17.4	15.2	13.0	11.2	9.4	8.0
		kW			9.2	9.4	9.2	9.2	9.2	9.0	9.0
	20	TR		22.2	19.4	17.0	14.6	12.6	10.8	9.2	7.8
		kW		11.0	10.8	10.6	10.4	10.2	10.2	10.0	10.0
SCP5351B-2C	0	TR					18.4	16.0	13.6	11.6	9.8
		kW					9.6	9.6	9.4	9.2	9.2
	10	TR			23.8	20.8	18.0	15.6	13.2	11.2	9.6
		kW			11.0	11.0	11.0	11.0	10.8	10.8	10.6
	20	TR		26.6	23.2	20.2	17.4	15.0	12.8	11.0	9.2
		kW		13.0	12.8	12.6	12.4	12.2	12.0	12.0	12.0
SCP5361B-2C	0	TR					21.8	18.8	16.2	13.8	11.6
		kW					11.4	11.4	11.2	10.8	10.8
	10	TR			28.2	24.6	21.2	18.4	15.6	13.4	11.2
		kW			13.0	13.0	13.0	13.0	12.8	12.6	12.6
	20	TR		31.2	27.4	23.8	20.6	17.8	15.2	13.0	10.8
		kW		15.4	15.0	14.8	14.6	14.4	14.2	14.2	14.0
SCP7452B-2C	0	TR					35.4	30.6	26.2	22.4	19.0
		kW					18.4	18.4	18.0	17.8	17.8
	10	TR			45.8	39.8	34.6	29.8	25.6	21.6	18.4
		kW			21.2	21.2	21.2	21.0	20.8	20.6	20.4
	20	TR		51.0	44.6	38.8	33.6	28.8	24.6	21.0	17.8
		kW		25.0	24.6	24.2	23.8	23.4	23.2	23.0	22.8
SCP7462B-2C	0	TR					40.6	35.2	30.2	25.6	21.6
		kW					21.2	21.2	20.8	20.4	20.2
	10	TR			52.4	45.8	39.6	34.2	29.2	24.8	21.0
		kW			24.2	24.4	24.4	24.2	23.8	23.6	23.4
	20	TR		58.4	51.0	44.4	38.4	33.0	28.4	24.0	20.4
		kW		28.6	28.2	27.6	27.2	26.8	26.6	26.4	26.2
SCP7472B-2C	0	TR					46.2	39.8	34.2	29.2	24.6
		kW					24.0	24.0	23.6	23.0	23.0
	10	TR			59.6	52.0	45.0	38.8	33.2	28.2	23.8
		kW			27.4	27.6	27.6	27.4	27.2	26.8	26.6
	20	TR		66.4	58.0	50.4	43.6	37.6	32.2	27.4	23.0
		kW		32.4	32.0	31.4	31.0	30.6	30.2	30.0	29.8

*For packages with VFD, overspeeding is possible.
To estimate capacity and power, use the following factors:
- 2 compressor package: 1.09
- 3 compressor package: 1.06

*Para paquetes con variador de velocidad, velocidad excesiva es posible. Para estimar la capacidad y la potencia, use los siguientes factores:
- Paquete de 2 compresores: 1,09
- Paquete de 3 compresores: 1,06

Performance Data (Booster Applications / 60Hz)

Based on 2°F Suction gas superheat, 0°Subcooling

Datos de Desempeño (Aplicaciones Booster / 60Hz)

Basado en 2°F Sobrecalentamiento, 0°F Subenfriamiento

3 Compressor Packages

Package Model* / Modelo*	Cond. Temp °F		Cooling Capacity [TR] / Potencia frigorífica [Toneladas] — Evaporation Temp °F / Temperatura de evaporación °F				Power [kW] / Potencia [kW] — Evaporation Temp °F / Temperatura de evaporación °F				
			-10	-15	-20	-25	-30	-35	-40	-45	-50
SCP5341B-3C	0	TR					23.4	20.1	17.1	14.7	12.3
		kW					12.0	12.0	12.0	11.7	11.7
	10	TR			30.0	26.1	22.8	19.5	16.8	14.1	12.0
		kW			13.8	14.1	13.8	13.8	13.8	13.5	13.5
	20	TR		33.3	29.1	25.5	21.9	18.9	16.2	13.8	11.7
		kW		16.5	16.2	15.9	15.6	15.3	15.3	15.0	15.0
SCP5351B-3C	0	TR					27.6	24.0	20.4	17.4	14.7
		kW					14.4	14.4	14.1	13.8	13.8
	10	TR			35.7	31.2	27.0	23.4	19.8	16.8	14.4
		kW			16.5	16.5	16.5	16.5	16.2	16.2	15.9
	20	TR		39.9	34.8	30.3	26.1	22.5	19.2	16.5	13.8
		kW		19.5	19.2	18.9	18.6	18.3	18.0	18.0	18.0
SCP5361B-3C	0	TR					32.7	28.2	24.3	20.7	17.4
		kW					17.1	17.1	16.8	16.2	16.2
	10	TR			42.3	36.9	31.8	27.6	23.4	20.1	16.8
		kW			19.5	19.5	19.5	19.5	19.2	18.9	18.9
	20	TR		46.8	41.1	35.7	30.9	26.7	22.8	19.5	16.2
		kW		23.1	22.5	22.2	21.9	21.6	21.3	21.3	21.0
SCP7452B-3C	0	TR					53.1	45.9	39.3	33.6	28.5
		kW					27.6	27.6	27.0	26.7	26.7
	10	TR			68.7	59.7	51.9	44.7	38.4	32.4	27.6
		kW			31.8	31.8	31.8	31.5	31.2	30.9	30.6
	20	TR		76.5	66.9	58.2	50.4	43.2	36.9	31.5	26.7
		kW		37.5	36.9	36.3	35.7	35.1	34.8	34.5	34.2
SCP7462B-3C	0	TR					60.9	52.8	45.3	38.4	32.4
		kW					31.8	31.8	31.2	30.6	30.3
	10	TR			78.6	68.7	59.4	51.3	43.8	37.2	31.5
		kW			36.3	36.6	36.6	36.3	35.7	35.4	35.1
	20	TR		87.6	76.5	66.6	57.6	49.5	42.6	36.0	30.6
		kW		42.9	42.3	41.4	40.8	40.2	39.9	39.6	39.3
SCP7472B-3C	0	TR					69.3	59.7	51.3	43.8	36.9
		kW					36.0	36.0	35.4	34.5	34.5
	10	TR			89.4	78.0	67.5	58.2	49.8	42.3	35.7
		kW			41.1	41.4	41.4	41.1	40.8	40.2	39.9
	20	TR		99.6	87.0	75.6	65.4	56.4	48.3	41.1	34.5
		kW		48.6	48.0	47.1	46.5	45.9	45.3	45.0	44.7

*For packages with VFD, overspeeding is possible.
To estimate capacity and power, use the following factors:
- 2 compressor package: 1.09
- 3 compressor package: 1.06

*Para paquetes con variador de velocidad, velocidad excesiva es posible.
Para estimar la capacidad y la potencia, use los siguientes factores:
- Paquete de 2 compresores: 1,09
- Paquete de 3 compresores: 1,06

Technical Data

Datos Técnicos

Package Model / Modelo	Capacity Control / Control del Capacidad	Performance Data*				Suction Conn / Conexión succión	Discharge Conn / Conexión descarga	Weight (lbs.) / Peso	CFM / CFM
		TR	BHP	Oil Cooling (kBTU/h)	RPM				
SCP5341K-	2C	42	53	69	3550	2"	2"	3582	120
	2V	48	60	79	3550 / 4500			3582	136
SCP5351K-	2C	50	64	78	3550	2"	2"	3582	144
	2V	57	72	88	3550 / 4500			3942	163
SCP5361K-	2C	60	75	87	3550	2"	2"	3942	170
	2V	67	85	98	3550 / 4500			4092	193
SCP7452K-	2C	103	134	180	3550	3"	3"	4688	278
	2V	109	142	191	3550 / 4000			5188	296
SCP7462K-	2C	121	153	192	3550	3"	3"	5188	318
	2V	129	163	204	3550 / 4000			5588	339
SCP7472K-	2C	133	165	188	3550	3"	3"	5188	361
	2V	141	175	200	3550 / 4000			5588	384
SCP5341K-	3C	63	80	104	3550	2"	2.5"	4954	180
	3V	69	87	113	3550 / 4500			4954	196
SCP5351K-	3C	76	95	117	3550	2"	2.5"	4954	216
	3V	82	104	127	3550 / 4500			5494	235
SCP5361K-	3C	89	113	130	3550	2"	2.5"	5494	256
	3V	97	123	142	3550 / 4500			5659	278
SCP7452K-	3C	154	200	270	3550	3"	4"	6114	417
	3V	161	209	281	3550 / 4000			6748	434
SCP7462K-	3C	182	229	288	3550	3"	4"	6648	478
	3V	190	239	300	3550 / 4000			7276	498
SCP7472K-	3C	199	247	282	3550	3"	4"	6648	542
	3V	207	257	294	3550 / 4000			7276	565

20°F SST / 95°F SDT / 2°F SH / 5°F SC / Non Economized

Technical Data

Datos Técnicos

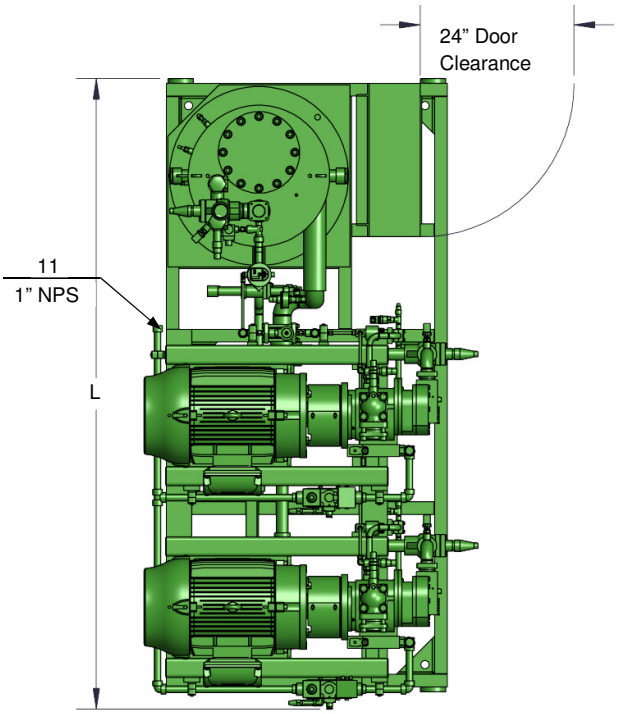
Package Model / Modelo	Capacity Control / Control del Capacidad	Performance Data*				Suction Conn / Conexión succión	Discharge Conn / Conexión descarga	Weight (lbs.) / Peso	CFM / CFM
		TR	BHP	Oil Cooling (kBTU/h)	RPM				
SCP5351N-	2C	23	54	90	3550	2"	2"	3582	144
	2V	26	61	102	3550 / 4500			3582	163
SCP5361N-	2C	27	63	101	3550	2"	2"	3582	170
	2V	31	71	115	3550 / 4500			3942	193
SCP7452N-	2C	42	110	199	3550	3"	3"	5188	278
	2V	44	117	211	3550 / 4000			5188	296
SCP7462N-	2C	49	121	209	3550	3"	3"	5188	318
	2V	52	128	222	3550 / 4000			5588	339
SCP7472N-	2C	54	126	211	3550	3"	3"	5188	361
	2V	58	134	224	3550 / 4000			5588	384
SCP5351N-	3C	35	81	135	3550	2"	2.5"	4954	216
	3V	38	88	147	3550 / 4500			4954	235
SCP5361N-	3C	40	94	152	3550	2"	2.5”	4954	256
	3V	44	103	166	3550 / 4500			5494	278
SCP7452N-	3C	62	165	298	3550	3"	4"	7114	417
	3V	65	172	311	3550 / 4000			7114	434
SCP7462N-	3C	74	181	313	3550	3"	4"	7114	478
	3V	77	188	327	3550 / 4000			7914	498
SCP7472N-	3C	82	189	316	3550	3"	4"	7114	542
	3V	85	197	330	3550 / 4000			7548	565

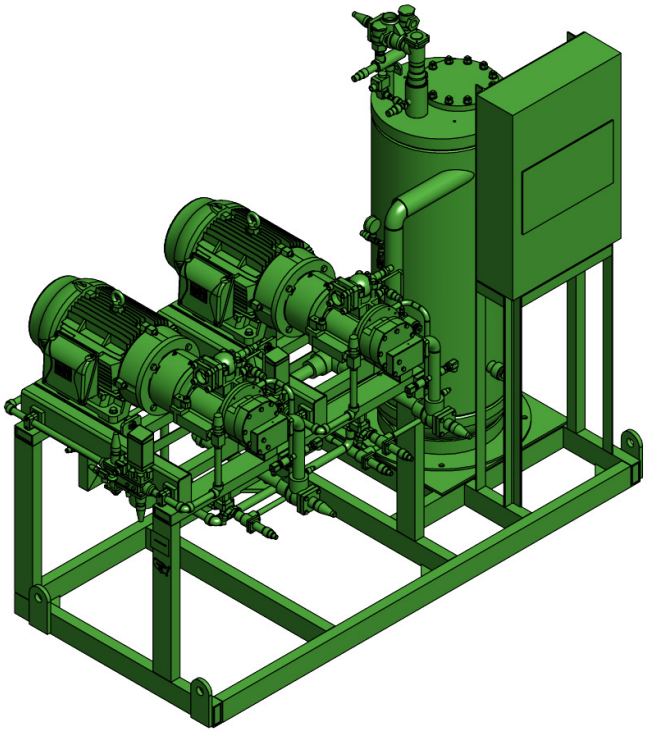
-20°F SST / 95°F SDT / 2°F SH / 10°F Approach / Economized

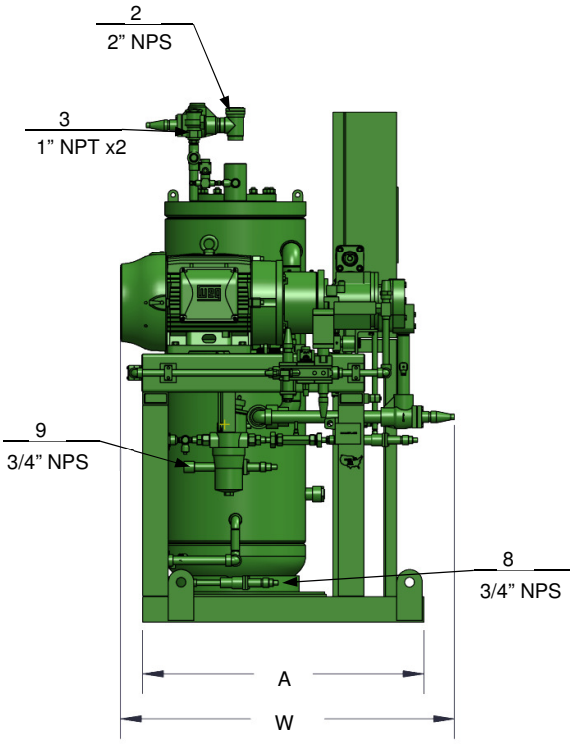
Dimensional Data

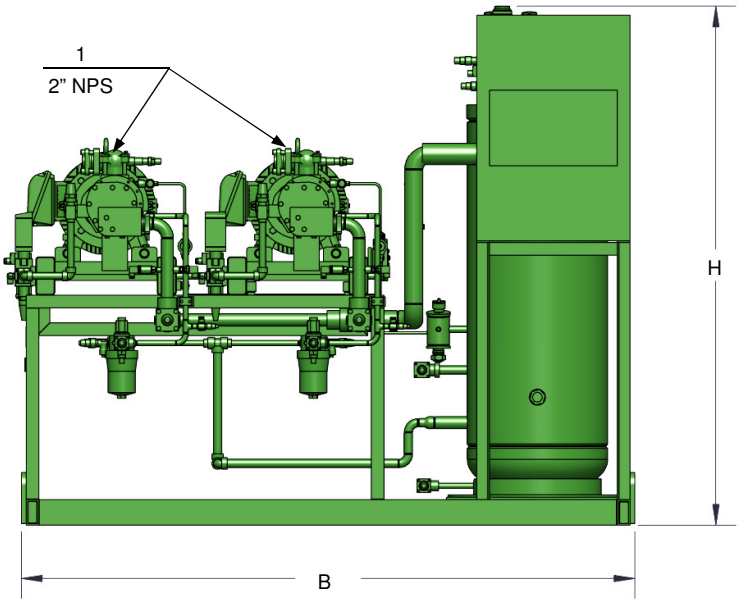
Dimensiones

SCP53..2





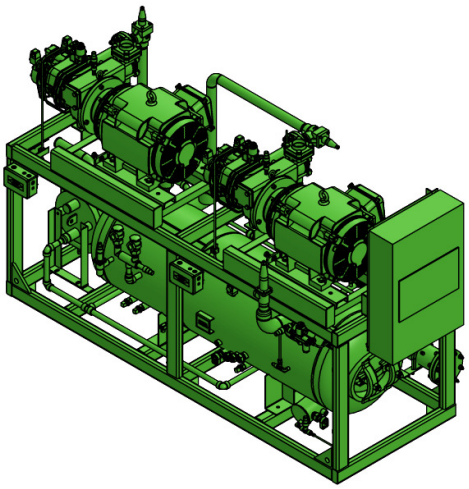


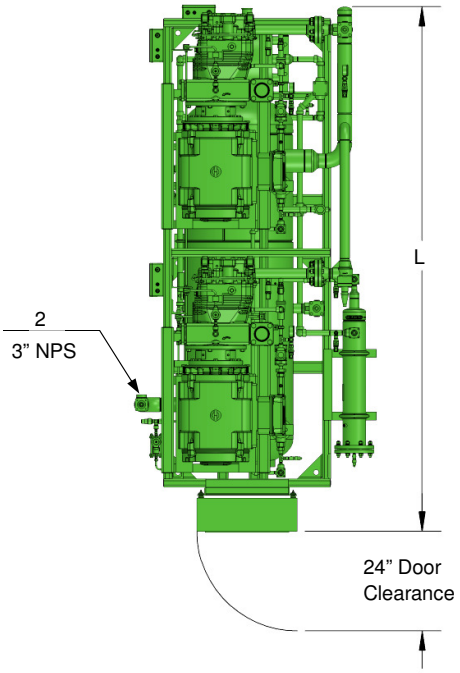


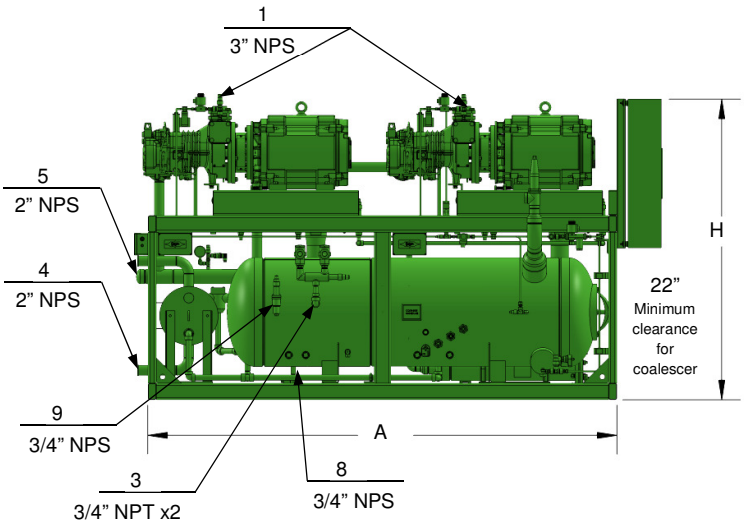
Dimensional Data

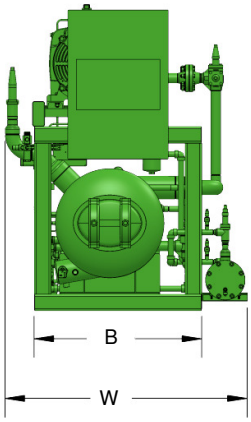
Dimensiones

SCP74..2







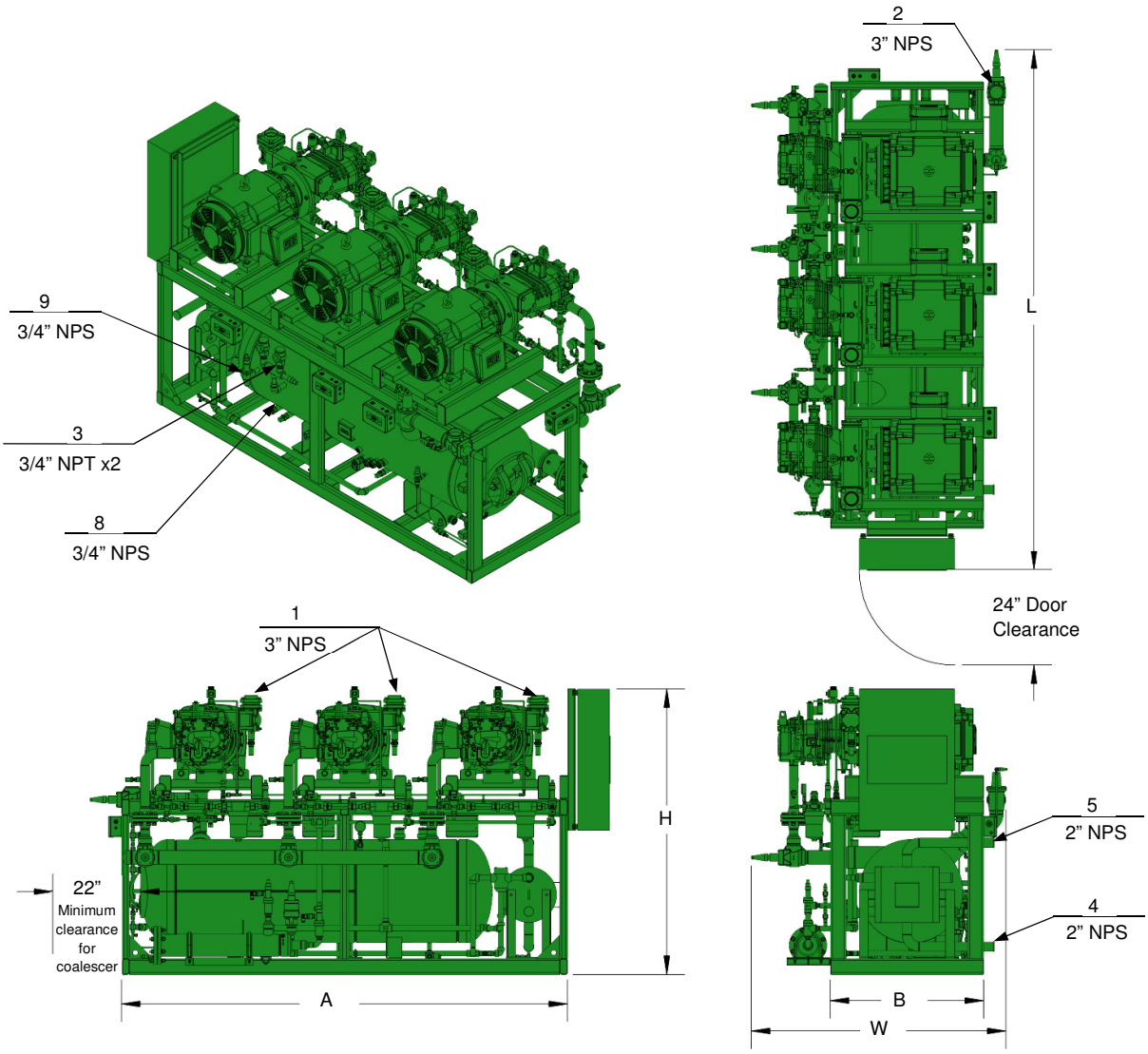


Type	L (in)	W (in)	H (in)	A (in)	B (in)
SCP53..2	98	53	82	96	44
SCP74..2	126	52	72	112	40
SCP53..3	131	62	72	117	40
SCP74..3	131	64	72	117	40

Dimensional Data

Dimensiones

SCP74..3



Connection positions

1 Suction line
2 Discharge line
3 Pressure relief ports
4 Oil cooler in
5 Oil cooler out
6 Liquid in (to Economizer)
7 Liquid out (from Economizer)
8 Oil drain
9 Oil fill
10 Pressure equalization line
11 Economizer out (to compressor)
12 Liquid injection line

Posiciones de conexión

1 Línea de succión
2 Línea de descarga
3 Alivio de presión
4 Enfriador de aceite: entrada
5 Enfriador de aceite: salida
6 Entrada de líquido (al Economizador)
7 Salida de líquido (del Economizador)
8 Drenaje de aceite
9 Carga de aceite
10 Línea de ecualización de presión
11 Salida Economizador (al compresor)
12 Línea de inyección de líquido

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VP-320-2

Subject to change // Sujeto a cambios // 03.2018