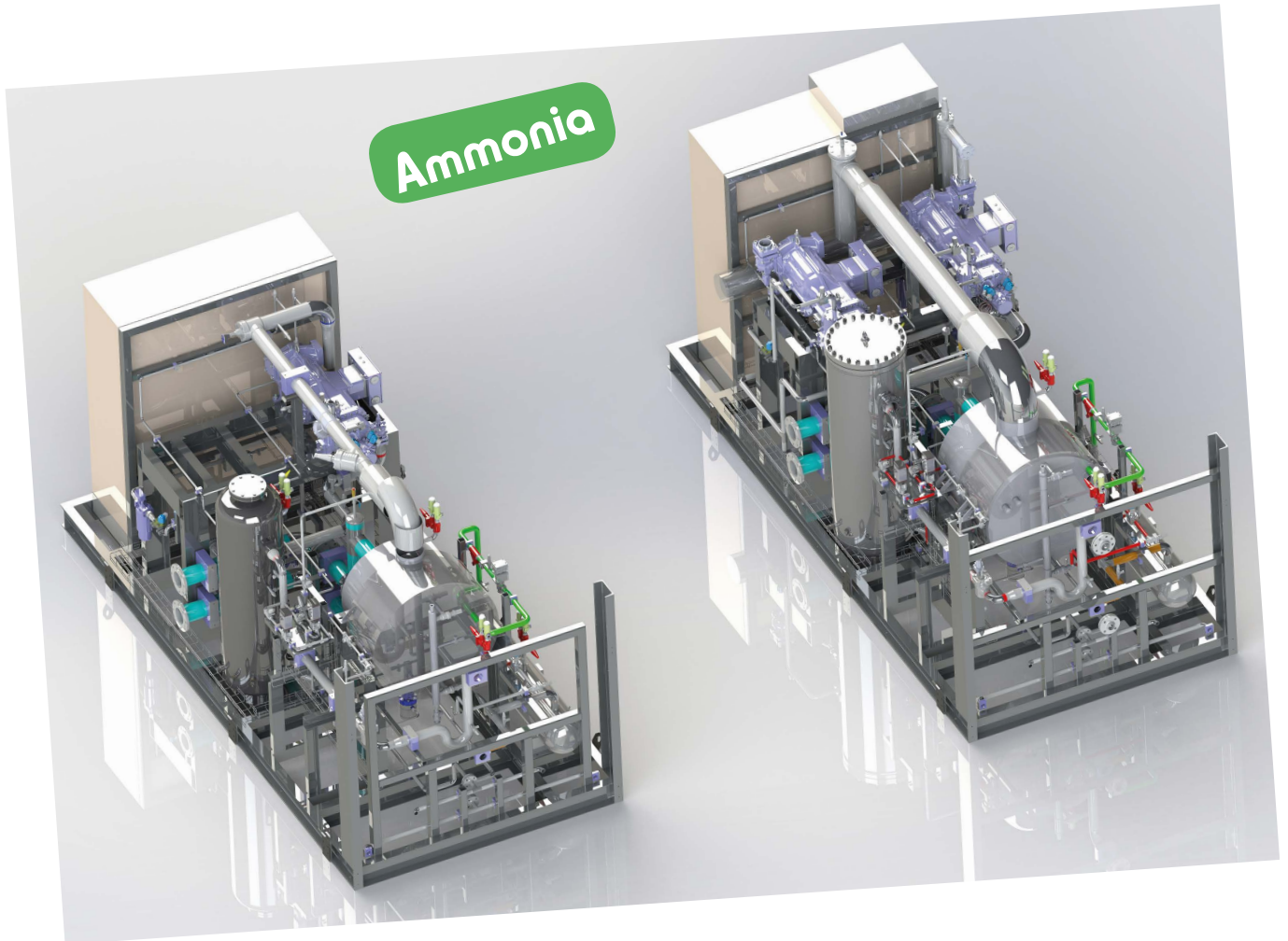


## Standard NH<sub>3</sub> Chiller



no rights can be derived from images



## AC application



## Process application



- Ammonia, natural refrigerant**
- Semi-hermetic or open-type compressors**
- Available in air-cooled and water-cooled version**
- Applicable to AC and Process conditions**
- Unique design to withstand high ambient temperatures**
- Outdoor weatherproof casing available**

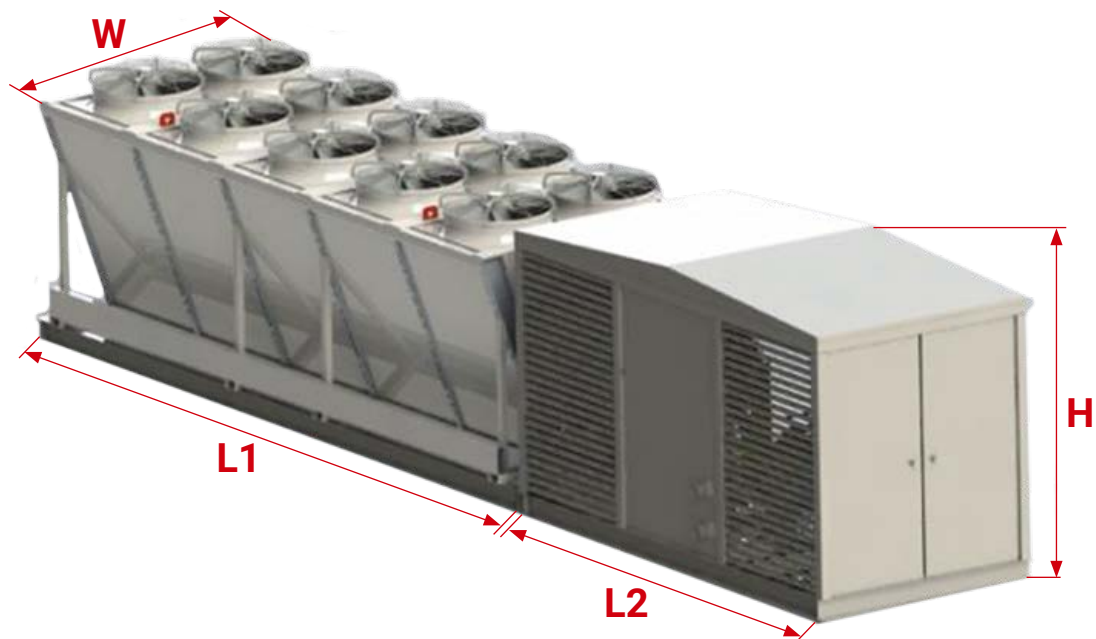
## Single compressor or two compressors in parallel

### Capacity table

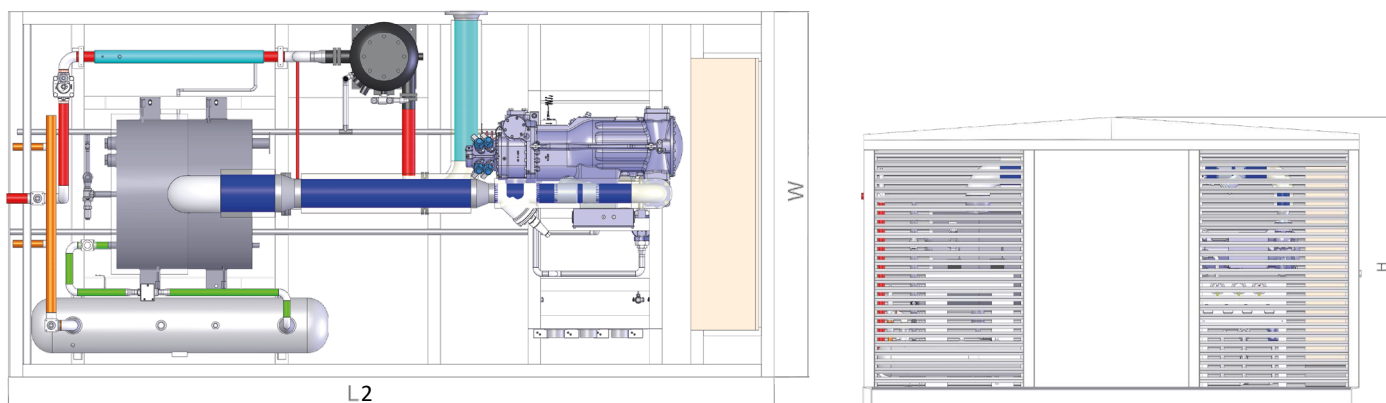
Air-Cooled Chiller Line		
Model	AC Chiller with Single Compressor	AC Chiller with Double Compressors
Cooling capacity (KW)	190 ~ 479	380 ~ 957
Water inlet/outlet (C°)	+12 / +7	
Design ambient DB (C°)	+35	
Model	Process Chiller with Single Compressor	Process Chiller with Double Compressors
Cooling capacity (KW)	103 ~ 258	206 ~ 515
Brine inlet/outlet (C°)	-3 / -8	
Design ambient DB (C°)	+35	

Water-Cooled Chiller Line		
Model	AC Chiller with Single Compressor	AC Chiller with Double Compressors
Cooling capacity (KW)	304 ~ 693	608 ~ 1386
Water inlet/outlet (C°)	+12 / +7	
Brine inlet/outlet (C°)	+30 / +35	
Model	Process Chiller with Single Compressor	Process Chiller with Double Compressors
Cooling capacity (KW)	166 ~ 383	331 ~ 765
Brine inlet/outlet (C°)	-3 / -8	
Brine inlet/outlet (C°)	+30 / +35	

## Air-cooled Chiller layout



## Water-cooled Chiller layout

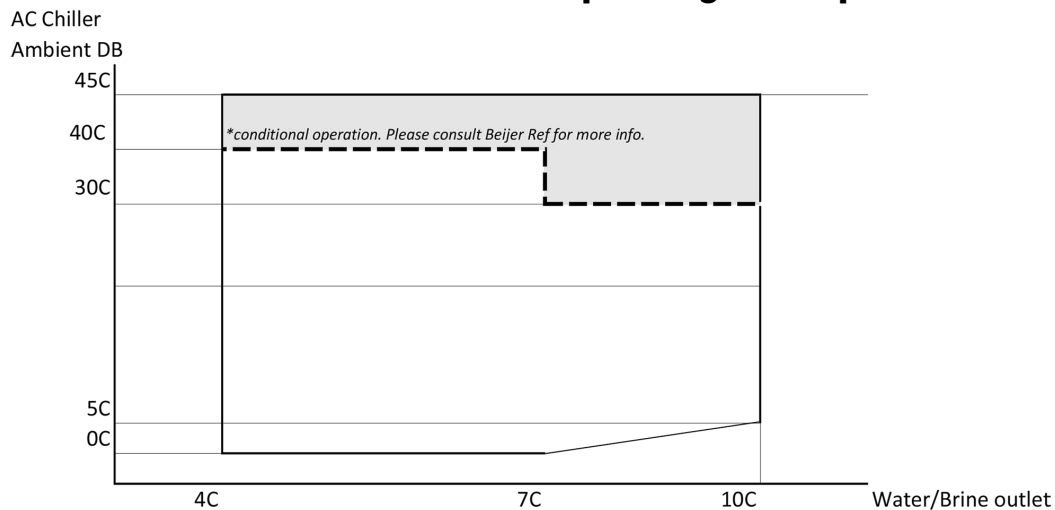


## Dimension table

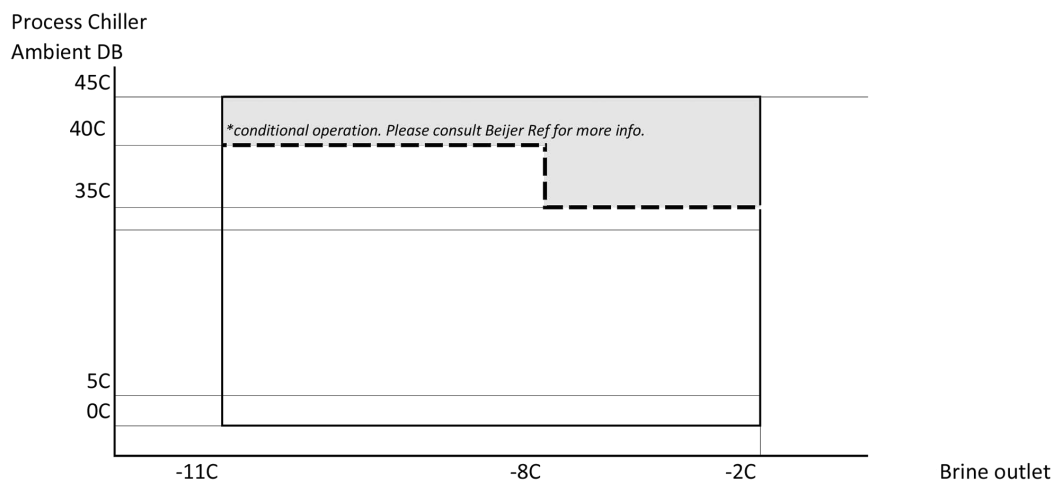
Model	Chiller Unit Dimension (mm)			Condenser Dimension (mm)		
	L2	W	H	L1	W	H
Air-Cooled Chiller Line	5150	2250	2655	9250	2340	2307
Water-Cooled Chiller Line	6350	2250	2655	N/A		

\* Dimension displayed in the table above is based on the biggest model in the corresponding lineup.

## Air-cooled AC Chiller operating envelope



## Air-cooled Process Chiller operating envelope



# **SCM REF**

**SCM Ref BV**  
Beijer Ref Support Center  
Westfields 1210, 5688 HA Oirschot  
P.o. box: 100, 5688 ZJ Oirschot