

**ARP-3016**

2020	Food industry	Country of installation:	Brazil
		Application:	Freeze dried coffee factory
		Driving energy:	Steam = 13 barg
		Refrigeration capacity:	1560 kW at -54°C, -49°C (2-stage)
		Starting operation:	2022

ARP-2907

2018	Food industry	Country of installation:	Russia
		Application:	Freeze dried coffee factory
		Driving energy:	Steam 12 barg
		Refrigeration capacity:	700 kW at -58°C, 1200 kW at -58°C (2-stage)
		Starting operation:	2020

ARP-2780

2018	Food industry	Country of installation:	Belgium
		Application:	Freeze dried coffee factory
		Driving energy:	Steam 12 barg
		Refrigeration capacity:	1100 kW at -58°C, -49°C (2-stage)
		Starting operation:	2019

ARP-2052

2018	Food industry	Country of installation:	Russia
		Application:	Freeze dried coffee factory
		Driving energy:	Steam 12 barg
		Refrigeration capacity:	2480 kW at -54°C, -49°C (2-stage)
		Starting operation:	2021

ARP-2885

2018	Food industry	Country of installation:	Russia
		Application:	Freeze dried coffee factory
		Driving energy:	Steam 13 barg
		Refrigeration capacity:	1304 kW at -55°C, -48°C (2-stage)
		Starting operation:	2021





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2018	Food industry	ARP-2881	Country of installation: Italy
		Application: Ice cream factory	
		Driving energy: Hot water 91°C/82°C	
		Refrigeration capacity: 500 kW at -2°C	
		Starting operation: 2019	
2018	Food industry	ARP-2877	Country of installation: India
		Application: Freeze dried coffee factory	
		Driving energy: Steam = 13 barg	
		Refrigeration capacity: 1320 kW at -54°C, -49°C (2-stage)	
		Starting operation: 2021	
2018	Food industry	ARP-2789	Country of installation: Brazil
		Application: Freeze dried coffee factory	
		Driving energy: Steam = 13 barg	
		Refrigeration capacity: 1300 kW at -54°C, -49°C (2-stage)	
		Starting operation: 2021	
2017	Food industry	ARP-2584	Country of installation: India
		Application: Freeze dried coffee factory	
		Driving energy: Steam ≈ 8 barg	
		Refrigeration capacity: 1560 kW at -54°C, -49°C (2-stage)	
		Starting operation: Autumn 2018	
2017	Food industry	ARP-2514	Country of installation: Argentina
		Application: Meat factory	
		Driving energy: Pressurised water 170/150°C	
		Refrigeration capacity: 800 kW at -36°C	
		Starting operation: Spring 2017	





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2016	Food industry	<u>ARP-2334</u>	Country of installation: Mexico Application: Meat factory Driving energy: Hot water 107/83°C Refrigeration capacity: 2950 kW at -16°C Starting operation: Winter 2016
		<u>ARP-2496</u>	Country of installation: Germany Application: Ice cream factory Driving energy: Hot water 90/82°C Refrigeration capacity: 680 kW at -12°C cascade heat exchanger Starting operation: Fall 2016
		<u>ARP-2507</u>	Country of installation: Germany Application: Food storage Driving energy: Hot water 95/80°C Refrigeration capacity: 380 kW at -8°C cascade heat exchanger Starting operation: Fall 2016
		<u>ARP-2236</u>	Country of installation: Germany Application: Freeze drying Driving energy: Steam Refrigeration capacity: 500 kW at -55°C mean capacity, peak load of 1000 kW Starting operation: Fall 2016
		<u>ARP-2089</u>	Country of installation: Russia Application: Ammonia production Driving energy: Steam 2 barg Refrigeration capacity: 12200 kW at -10°C Starting operation: Summer 2015
2015	Chemical industry		



Colibri B.V.
Tentstraat 5a
6291 BC Vaals
The Netherlands
Phone: +31 43 306 6227
Fax: +31 43 306 5797
<http://www.colibri-bv.com>
info@colibri-bv.com

Directors
Jürgen Langreck
Reinhard Schneider-Weyergraf
Heiner Veelken

Bank accounts
Sparkasse Aachen BLZ 390 500 00
Kto.Nr. 3771755
IBAN: DE59 3905 0000 0003 7717 55
BIC: AACSD33

Rabobank 105.3725.79
IBAN: NL61 RABO 0105 3725 79
BIC: RABONL2

K.v.K. Heerlen No. 14.044.574
VAT no.: NL 009.794.876.B01
VAT no.: DE 218.678.123



List of References

2013 **Food industry**

ARP-1179

Country of installation: Germany
Application:
Driving energy: Pressurised water of 110/100°C
Refrigeration capacity: 350 kW at -7°C
Starting operation: June 2013

2013 **District Heating**

AHP-1922

Country of installation: Germany
Application: Heating of flats
Driving energy: Pressurised water of 175/160°C
Heating capacity: 500 kW at 40/50°C
Starting operation: Autumn 2013

2013 **Food industry**

ARP-1583

Country of installation: Italy
Application:
Driving energy: Steam at 10 bar
Refrigeration capacity: 1000 kW at -40°C
Starting operation: Spring 2013

2013 **Food industry**

ARP-2086

Country of installation: Sweden
Application: Dairy
Driving energy: Hot water at 90/70°C
Refrigeration capacity: 240 kW at -8°C
Starting operation: Autumn 2013

2012 **Food industry**

ARP-1743

Country of installation: Spain
Application:
Driving energy: Water 107°C / 82°C
Refrigeration capacity: 800 kW at -12°C
Starting operation: Summer 2012





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2012	Chemical industry	ARP-1825 Country of installation: Germany Application: Operation of scratch-coolers Driving energy: Steam at 12 bar Refrigeration capacity: 3000 kW at -32°C Starting operation: December 2012
2011	Coffee industry	ARP-1709 Country of installation: Russia Application: Freeze drying of coffee Driving energy: Steam 17 bar Refrigeration capacity: 1600 kW at -58°C, -52°C (2-stage) Starting operation: Winter 2011
2011	Food industry	ARP-1737 Country of installation: Germany Application: Dairy industry Driving energy: Hot water at 93/82°C Refrigeration capacity: 320 kW at -9°C Starting operation: Autumn 2011
2011	Coffee industry	ARP-1440 Country of installation: Mexico Application: Freeze drying of coffee Driving energy: Steam 14 bar Refrigeration capacity: 1300 kW at -54°C, -49°C (2-stage) Starting operation: 2011
2011	Coffee industry	ARP-1611 Country of installation: China Application: Freeze drying of coffee Driving energy: Steam 14 bar Refrigeration capacity: 780 kW at -54°C, -49°C (2-stage) Starting operation: 2011





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2010 **Food industry**

ARP-1225

Country of installation: Spain
 Application:
 Driving energy: Steam 6 bar
 Refrigeration capacity: 800 kW at -12°C
 Delivery: 2010



2010 **Chemical industry**

ARP-991

Country of installation: Egypt
 Application: (Poly)propylene-factory
 Driving energy: Process gas
 Refrigeration capacity: 10000 kW at -11°C, +8°C (2-stage)
 Starting operation: July 2010



2009 **Ice rink**

ARP-1387

Country of installation: Sweden
 Application: Refrigeration for an ice rink
 Driving energy: Hot Water at 98°C
 Refrigeration capacity: 150 kW at -12°C
 Starting operation: September 2009



2009 **Food industry**

ARP-1172

Country of installation: Portugal
 Application: Storage cooling
 Driving energy: Steam 6 barg
 Refrigeration capacity: 2450 kW at -34°C, -10°C (2-stage)
 Starting operation: September 2009



2008 **Food industry**

ARP-1274

Country of installation: United Kingdom
 Application: Cold Storage Supermarket
 Driving energy: Hot Water at 120°C
 Refrigeration capacity: 500 kW at -13°C
 Starting operation: May 2008





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2008	Food industry	ARP-1319 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	Spain Food processing Steam 8 bar 220 kW at -43°C April 2008
2008	Coffee Industry	ARP-1096 Country of installation: Application: Driving energy: Refrigeration capacity: Remarks: Starting operation:	Russia Freeze drying of coffee Steam 17 bar 3200 kW at -58°C, -52°C (2-stage) 1st capacity extension Winter 2008
2007	Coffee industry	ARP-1092 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	India Freeze drying of coffee Steam 15 bar 740 kW at -55°C, -48°C (2-stage) January 2007
2007	Coffee industry	ARP-1096 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	Russia Freeze drying of coffee Steam 17 bar 1600 kW at -58°C, -52°C (2-stage) Winter 2007
2006	Ice rink	ARP-965 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	Sweden Refrigeration for an ice rink Pressurised water of 115/105°C 250 kW at -15°C November 2006





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2006	Food industry	ARP-1186 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	Germany Cold Storage of apples Pressurised water of 110/90°C 280 kW at -12°C December 2006
2004	Coffee industry	ARP-874 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	Germany Freeze drying of coffee Steam 18 bar 1600 kW at -58°C, -50°C (2-stage) August 2004
2003	Chemical industry	ARP-805 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	Germany Steam 0,5 bar 550 kW at 0°C November 2003
2003	Chemical industry	ARP-394 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	The Netherlands Chemical process cooling Steam of 14 bar 6500 kW at -60°C, -48°C, -12°C (3-stage) January 2003
2002	Coffee industry	ARP-626 Country of installation: Application: Driving energy: Refrigeration capacity: Starting operation:	Germany Freeze drying of coffee Gas burner 2200 kW at -55°C December 2002





List of References

2000 **Food industry**

ARP-144

Country of installation:	Spain
Application:	Meat industry
Driving energy:	Pressurised water at 160/140°C
Refrigeration capacity:	2500 kW at -17°C
Starting operation:	March 2000

2000 **Chemical industry**

ARP-398

Country of installation:	Germany
Application:	Petrol refinery
Driving energy:	Steam at 11 bar
Refrigeration capacity:	2700 kW at -30°C
Starting operation:	May 2000

