

Reference List

R290

WHY R290?

At Geoclima we always pay great attention to environmental sustainability and protection: this is why we are specialised in the development of applications with R290, which has a very low GWP (= 3).

R290 is completely natural

R290 has excellent thermodynamic properties that allow high energy efficiency

R290 provides perfect compatibility with all system components

R290 is widely used for domestic use (fridges, freezers, barbecues)

R290 is not expensive and the required amount is 40-60% less than the other refrigerants

R290 allows to use small exchangers and pipes



UNITS

Place	Model	Cooling Capacity	Description	N°
Waitrose, Wellington	GHA-B 222/290/LPA/LLN	kW 126	Air cooled chiller	2
Waitrose, Red Houses, Jersey	GHA 2S15/290/HP/TP	kW 78.4	Air cooled chiller	1
Waitrose, Worcester Park	GFC 2V30/290/LLN	kW 157.4	Air cooled chiller with Free Cooling	2
Waitrose, Bath	GFC 4V20/290/LLN	kW 220	Air cooled chiller with Free Cooling	2
Bristol	GHA B 250/290 SP	kW 260	Air cooled chiller	1
Waitrose, Alton	GFC 4Q7/290/LLN/SP	kW 138	Air cooled chiller with Free Cooling	2
Waitrose, Cirencester	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, North Walsham	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, Cirencester	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, Stirling	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, Billericay	GFC 4S15/290/LLN	kW 184	Air cooled chiller with Free Cooling	2

Place	Model	Cooling Capacity	Description	N°
Waitrose, Cowbridge	GFC 4Q7.33/290/LLN	kW 118	Air cooled chiller with Free Cooling	2
Waitrose, Wandsworth	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, Aylesbury	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, Kingston	GFC 4S15/290/LLN	kW 184	Air cooled chiller with Free Cooling	2
Waitrose, Brighton	GFC 4S15/290/LLN	kW 184	Air cooled chiller with Free Cooling	2
Waitrose, Reading	GFC 4S20/290/LLN	kW 204	Air cooled chiller with Free Cooling	2
Waitrose, Thatcham	GFC 4Q7.36/290/LLN	kW 130	Air cooled chiller with Free Cooling	2
Waitrose, Norwich	GFC 4Q7.36/290/LLN TP	kW 130	Air cooled chiller with Free Cooling	3
Waitrose, Hereford	GFC 4Q7.33/290/LLN	kW 115	Air cooled chiller with Free Cooling	2
Waitrose, North Egham	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, Battersea	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, Dorking	GFC 4Q7.36/290/LLN	kW 144	Air cooled chiller with Free Cooling	2
Waitrose, St Katharine's Dock	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2

Place	Model	Cooling Capacity	Description	N°
Waitrose, Towcester	GFC 4S12/290/LLN	kW 160	Air cooled chiller with Free Cooling	2
Waitrose, Chester	GFC 4S15/290/LLN	kW 184	Air cooled chiller with Free Cooling	2
Waitrose, Ashbourne	VFC-B 212/290/LPA/LLN	kW 70	Air cooled chiller with Free Cooling	2
Waitrose, Raynes Park	VFR 2V25/290	kW 109	Air cooled chiller with Free Cooling and radial fans	2
Waitrose, Project Troy 4	VFR 2V25/290	kW 135	Air cooled chiller with Free Cooling and radial fans	2
Waitrose, Great Malvern	VFR 2Z35/290	kW 200	Air cooled chiller with Free Cooling	2
Waitrose, Sidcup	VHH 4S15/290	kW 154	Water cooled chiller	1
Bristol	VHA F 2S12 290 LN	kW 60	Air cooled chiller	1
Waitrose, Saffron Walden	VHA F 4Z40/290/LLN	kW 210	Air cooled chiller	2
Waitrose, Bagshot	VDC F4Z40/290/HR/PU/LN	kW 208	Water cooled heat recovery chiller	2
Waitrose, Bayswater	VHR F2Z50 290 SP PFEC	kW 120	Air cooled chiller with Free Cooling and radial fans	3
Waitrose, Kings Cross Cookery School	VHA C2Z49A LN EC-290	kW 34	Air cooled chiller	1
Waitrose, Guildford	VHH 4Z35 DC-290 LLN PU	kW 176.6	Water cooled chiller	2

Place	Model	Cooling Capacity	Description	N°
Bristol	VHA F 2Q07 290	kW 38	Air cooled chiller	1
Waitrose, Coulsden	VHA F 4W75/290/LN/EC	kW 450	Air cooled chiller	2
Waitrose, Salisbury	VHA F 1W40 290 PU LLN	kW 57.7	Air cooled chiller with Free Cooling	5
	VHA F 1V30 290 PU LLN	kW 60		4
Waitrose, Caterham	VHA F 4V25A LN E-290 PU	kW 130.8	Air cooled chiller with Free Cooling	2
Waitrose, Horsham	VHA F 4Z40/290/LLN	kW 202.8	Air cooled chiller	2
Waitrose, Basing	VHA F 4Z35A LN EC-290 PU	kW 183.6	Air cooled chiller	2
Waitrose, Uttoxeter	VHA F 4V30A LN EC-290 PU	kW 151	Air cooled chiller	1
Bristol	VHA F4W40A EC-290	kW 370	Air cooled chiller	1
Lidl Zimmermann (D)	VHA B 105 290 TP	kW 16.4	Air cooled chiller	1
Süd Kälte (D)	VHA B 206A EC 290 PU	kW 34	Air cooled chiller	1
Freudenstadt (D)	VHH F2V30 WT-290 SPEC	kW 108	Water cooled chiller	1
Ostsee Fisch (D)	GHA F2120A LN EC-290	kW 405	Air cooled chiller	1

Place	Model	Cooling Capacity	Description	N°
Ice rink Sweden	GHH-B 240/290	kW 270	Water cooled chiller	4
Projekt Neufleisch (D)	GHA B202HR/290	kW 46	Air cooled chiller	1
Pro/Leif Hansen Rädg, Copenhagen (DK)	VHA-B 220/290/SP/TP	kW 99	Air cooled chiller	1
LIDL - Graben (A)	VHA-B 105/290/TP	kW 12.5	Air cooled chiller	2
EDEKA Supermarkt Scherer (D)	VHH-B 225/290/BT	kW 96.4	Water cooled chiller	1
Projekt Lackmann (D)	VHA B 450/290/BT TP	kW 298	Air cooled chiller	1
Alte Saline (D)	VHH F 225/290 HR	kW 100	Water cooled chiller	1
Exhibition (D)	VHA-B 105/290/TP	kW 12.5	Air cooled chiller	1
Kerkenpass (D)	VHA F440/290/HR/PU BT	kW 276	Air cooled chiller	3
LIDL - 78183 Hülffingen (D)	VHA-B 105/290/TP	kW 12.5	Air cooled chiller	1
LIDL - Gera (D)	VHA-B 105/290/TP	kW 12.5	Air cooled chiller	1
Reichenbach	VHH F 4V35-290-BT	kW 180	Water cooled chiller	1

Place	Model	Cooling Capacity	Description	N°
Projekt Eichberger	VHH F 125/290	kW 47	Water cooled chiller	1
Projekt Rewe Supermarkt	VHH F 3V20 290 PU	kW 80	Water cooled chiller	1
CSL	VHH F 4W60-290 HR FCPHE PU	kW 670	Water cooled chiller	1
Lidl Serverkuehlung	VHA F 1D04 290 TP	kW 12.5	Air cooled chiller	2
Tolsma Kartoffellager	VHA B 425 290 PU	kW 300	Air cooled chiller	1
Kochwerk	VHA B 240/290 HR PU	kW 130	Air cooled chiller	1
Trenker	VHH F 2W60-290 HP	kW 370	Water cooled chiller	1
Kolbeplatz	VHA B 235 290 HP LLN	kW 170	Air cooled chiller	1
Scholz Berlin	VHA 223 290 HP PU WP	kW 76.2	Air cooled chiller	1
Projekt Megra, Berlin (D)	VHH B 318 290 BT PU	kW 86.7	Water cooled chiller	1
Frankenbräu Kratschmaier (D)	VHA B 228 290 HR PU LN	kW 92	Air cooled chiller	1
Berlin (D)	VHA B 434 290 TP	kW 320	Air cooled chiller	1
Berlin (D)	VFC B 250 290 PU LLN	kW 210	Air cooled chiller with Free Cooling	1

Place	Model	Cooling Capacity	Description	N°
BV Jenne, Berlin (D)	VHA F 4V35 290 PU	kW 307	Air cooled chiller	1
Donauland (D)	VHA F 4W80 290 HR BT	kW 350	Air cooled chiller	1
Lidl Harig, Germany	VHA B 105 290 TP	kW 16.4	Air cooled chiller	2
Lidl Von Nida	VHA B 105 290 TP	kW 16.4	Air cooled chiller	1
Roche Mannheim, Germany	VHA B 106 290 BT PU	kW 11.7	Air cooled chiller	2
KBC Sestre Milosrdnice	VHA F2W60A EC-290 PU	kW 264.1	Air cooled chiller	1
Edeka Supermarkt Scherer (D)	VHA B 314 290 LLN PU HR	kW 67	Air cooled chiller	1
Biohof Bolten (D)	VHA B 205 290 TP	kW 18	Air cooled chiller	1
BV Isenmann (D)	VHA F2W70A EC-290 HR WRG PU	kW 318.7	Air cooled chiller	1
Lidl Nida (D)	VHA B 105 290 TP	kW 16.4	Air cooled chiller	1
Lidl Zimmermann (D)	VHA B 105 290 TP	kW 16.4	Air cooled chiller	1
Süd Kälte (D)	VHA B 206A EC 290 PU	kW 34	Air cooled chiller	1
Freudenstadt (D)	VHH F2V30 WT-290 SPEC	kW 108	Water cooled chiller	1

Place	Model	Cooling Capacity	Description	N°
Thailand	VHA F2V30A EC-290 CM	kW 125.4	Air cooled Circlemod chiller	1
Sutto Family (I)	VHA F2V30A EC-290 CM	kW 125	Air cooled Circlemod chiller	1
Cantine De Prà (I)	VHA F2V30A EC-290 CM	kW 77.61	Air cooled Circlemod chiller	1
Agriturismo Althea (I)	VHA F2V35B EC-290 CM	kW 171	Air cooled Circlemod chiller	1
Tenuta Polvaro (I)	VHA F2V35B EC 290 CM	kW 171	Air cooled Circlemod chiller	1
Pakt Zetty (D)	GHA F2120A EC-290 PU	kW 898	Air cooled chiller	2
Denmark	VHA F2V20A LN EC-290	kW 206	Air cooled chiller	2
Bacówka, Rajbrot (PL)	GHA F2125A EC-290 LN HR SP	kW 356	Air cooled chiller	1
Park Welwyn (UK)	VHA F2S20A LN EC-290 PU	kW 74	Air cooled chiller	1
	VHH F1S15 DC-290 PU	kW 73	Water cooled chiller	2
Roche The Hub (UK)	VHA F1V25A EC-290 PU	kW 58	Air cooled chiller	1
Lando (PL)	VHA F1S7C EC-290	kW 25	Air cooled chiller	1
Projekt FUB (D)	GHA F2120A EC-290 LLN	kW 1180	Air cooled chiller	2
Pakt Kronos – Germany	GHA F2120A LN EC 290 PU	kW 950	Air cooled chiller	1

Place	Model	Cooling Capacity	Description	N°
Kozik – Poland	GHA F280A EC-290 HR	kW 149	Air cooled chiller	1
GF Casting Solutions – Switzerland	VHA F2W60A LN EC-290 4V	kW 300	Air cooled chiller	1
Wadowice Gorne – Poland	VHA F4W40A EC-290	kW 170	Air cooled chiller	1
BV Tacherting – Germany	VHA F4W40A EC-290	kW 120	Air cooled chiller	1
UK	GHA F280A LN EC-290	kW 374	Air cooled chiller	1
Kommission Telepizza Leipzig – Germany	VHH F2W40 DC-290	kW 92	Water cooled chiller	1
Pakt – Germany	VHA F2Z50A EC-290	kW 145	Air cooled chiller	1
Irinnox - Italy	VHA F2S12C EC-290	kW 65	Air cooled chiller	1
Park Project, Germany	GHA F190A EC-290	kW 400	Air cooled chiller	2
Denmark	VHA F2S15C LN EC-290 PU	kW 80	Air cooled chiller	1
Centro Federale d'asilo di Novazzano/Balerna, Italy	GHA F270A-290 HP	kW 250	Air cooled chiller	1
	GHH F270 DC-290 HR	kW 300	Water cooled chiller	1

SOME PICTURES



ABOUT US

We design and produce special units for applications in air conditioning, refrigeration and air handling systems, with low environmental impact and specifically designed to meet all specific clients' requirements in terms of size, capacity, performance and temperature. **Where the others stop, we go on.**

Our identity is founded on:



INNOVATION

We use the highest technology available in order to maximize efficiency, reduce start-up costs and guarantee a satisfactory return on investment.



CUSTOMIZATION

All types of machines can be provided and developed in non-standard version, thanks to the flexibility of our production system.



ECO-SUSTAINABILITY

We aim to develop applications with the lowest environmental impact possible, using refrigerants with a very low GWP, such as the HFO-1234ze and the R290.

Our facilities and sales offices around the world.



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