



Association for
Indoor Climate,
Process Cooling,
and Food Cold Chain
Technologies



EUROVENT SUMMIT ANTALYA

25-28 OCT 2022

B u i l d i n g B r i d g e s

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EUROVENT **SUMMIT** ANTALYA

25-28 OCT 2022

B u i l d i n g B r i d g e s

Meeting of the Eurovent Product Group 'Liquid Chilling Packages and Heat Pumps' (PG-LCP-HP)

Friday, 28 October 2022, 10:00-11:30, Palmiye

Good to know

What can you expect today?

Good to know

Friday, 28 October 2022



#BuildingBridges

WHEN?	WHAT?	WHERE?
11:30-12:00h	Coffee Break	Foyer (Floor 1)
13:30-14:30h	Farewell Lunch	Meeting room Ladin + Foyer (Floor 1)

Thank you to our sponsors and partners

Who made the 2022 Eurovent Summit possible?

Co-organiser



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iskid

- [ISKID](#) is the Turkish Air Conditioning and Refrigeration Manufacturers' Association. ISKID was established in 1992 with the contributions of prominent companies in the air conditioning and refrigeration sector, to conduct work towards making the HVACR Industry development healthier and faster. Over 100 member companies are gathering under ISKID's roof to conduct activities for the development of the sector and to stay in high-quality standards. As this edition of the Eurovent Summit takes place in Turkey, the association has become co-organiser of the event, as well as organiser of a Turkish-English seminar programme.

BridgeBuilding Partner



- [UL Solutions](#) is a global leader in applied safety science.
- UL Solutions transforms safety, security and sustainability challenges into opportunities for customers in more than 100 countries.

BridgeBuilding Supporter



- [Baltimore Aircoil Company](#) develops, manufactures and distributes evaporative cooling products, offering innovative and sustainable cooling solutions for saving water and energy in air conditioning, refrigeration and industrial process applications.

BridgeBuilding Supporter



- CEIS is a Spanish testing, innovation and service centre offering well-recognised testing programmes for air conditioning and heat pump appliances. This year, CEIS has become a proud supporter of the Eurovent Summit for the third time in a row.

BridgeBuilding Supporter



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J2INNOVATIONS

A Siemens Company

- [J2 Innovations](#), a subsidiary of Siemens, is a provider of control and management software for HVAC and refrigeration equipment.
- J2 Innovations created FIN Framework; the next generation software platform for building automation and IoT applications in buildings.

BridgeBuilding Contributor



Building Bridges



- [ABB](#) is a leading manufacturer of drives, motors and controls for HVACR applications with a global footprint, supporting the industry across the world with products and services.

BridgeBuilding Contributor



Building Bridges



- [Turkish HVACR Exporters Association \(ISIB\)](#) is the only coordinator and exporter association in Turkish HVACR sector. Established in 2012, ISIB works towards bringing together all the exporter companies active in the Turkish HVACR sector under one roof and increasing the export potential of the sector.

Other Sponsor



- [Boreas Technology](#) engages in manufacturing and sales of DC Master Adia Mechanic Cooler and CRAC/CRAH models which are specially designed for data centres as well DC Pro units, air conditioning units distinguished for their authentic design, and central air- conditioning equipment. With its know-how of more than 20 years, it offers state-of-the-art solutions for critical buildings such as hospitals, malls and hotels as well as industrial buildings and data centres in various countries in the world. As the choice of leading global brands, the company is dedicated to offering technology solutions for a sustainable world with high efficiency, customised products thanks to its R&D investments and engineering know-how.

Other Sponsor



- [FRITERM](#) is one of Europe's leading manufacturers of heat exchangers, providing solutions for industrial applications throughout the EMEA region.

Other Sponsor



- [Systemair](#) is a leading ventilation company with operations in 50 countries globally, manufacturing and market high-quality ventilation products.

Other Sponsor



 **Part of your business**

- [WIKA](#) is a global market leader in pressure, temperature and level measurement technology. Working together with our customers, we develop comprehensive solutions based on our high-quality measurement technology components, with the solutions ultimately being integrated in their business processes. We deliver 50 million quality products to over 100 countries every year. Worldwide, approximately 600 million WIKA measuring instruments are in use. WIKA employs around 10.000 people and owns over 40 subsidiaries worldwide. For the third time in a row, WIKA is proud to support the Eurovent Summit.

Exhibition Partner



- [ISK-SODEX](#) Istanbul is an International HVAC, Refrigeration, Insulation, Pump, Valve, Fitting, Water Treatment, Fire Prevention, Pool and Solar Energy Systems Exhibition.

Exhibition Partner



- [Climatización y Refrigeración \(C&R\)](#), an international exhibition in Spain in HVAC and Refrigeration, is one of the most important events which showcases the technological innovation and commitment to sustainability and energy efficiency of this industry.

Thank you to our partners

Meet them in the foyer



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Meeting of the Eurovent Product Group 'Liquid Chilling Packages and Heat Pumps' (PG-LCP-HP)

Friday, 28 October 2022, 10:00-11:30, Palmiye

About this Product Group

Eurovent Product Group 'Liquid Chilling Packages and Heat Pumps'
(PG-LCP-HP)



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The Eurovent Product Group 'Liquid Chilling Packages and Heat Pumps' covers liquid chilling packages and heat pumps. It deals with advocacy on European and national legislation concerning these products. It is also engaged with the development of EN, ISO and Eurovent standards, promotion of the industry and its export initiatives, and with diminishing unfair trade barriers inside and outside Europe. The Group does not deal with certification.



Henk
Kranenberg
Daikin Europe NV
Chairman



Mariano
Covolo
MEHITS SpA
Vice-Chairman

over 35 companies registered from all over Europe

Agenda



1. Introduction, meeting rules
2. Attendances
3. Approval of the Draft Agenda
4. Approval of the Minutes of the last meeting
5. What's new in IEC 60335-2-40 last 2022 release?
6. VRF hybrid systems
7. Compensation Method
8. Upcoming agenda items
9. Announcements, updates on Eurovent activities
10. Next meeting(s)

Coffee
break

1.-4. Formalities



- Introduction
- Rules: Competition law, bribery, corruption and data protection
- Attendances
 - Introduction of participants
 - Remember to sign the attendance list
- Approval of the Draft Agenda
- Approval of the minutes of the last meeting
 - Online, 20 June 2022

4. Approval of the minutes of the last meeting



Building Bridges

Exchange on definition and classification of VRF hybrid systems

- Discussion ended without a final position, to be re-discussed at the next PG-LCP-HP meeting
- Members to address it internally

Updates on TF-FGAS activities

The Eurovent Position Paper developed within the taskforce TF-FGAS is ready. The TF-FGAS is now developing specific amendments to the proposed draft Regulation.

Updates on the Revision of Commission Regulations (EU) 813/2013, (EU) 811/2013, (EU) 812/2013, (EU) 814/2013

To be discussed at the next PG-LCP-HP meeting.

Updates on Sustainable Products Initiative (SPI) + Updates on Environmental Product Declaration (EPD)

The secretariat prepared a document, PG-LCP-HP – 2201.80. Members are invited to carefully assess it. Possible further discussion at the next PG-LCP-HP meeting.

Updates on the Compensation Method Round Robin Testing first results

To be discussed at the next PG-LCP-HP meeting.

Action	Agenda item N°	Deadline	Responsible	Status
Further analyse the Hybrid VRF and develop a better definition		Next meeting	Members	Ongoing
Analyse the EPD and SPI document		Next meeting	Members	Ongoing

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6. VRF hybrid systems
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Coffee
break

5. What's new in IEC 60335-2-40 last 2022 release?

Guest presentation by UL Solutions



- Speaker: Mr. Stefano Traversi, Lead Sales Executive, Appliances and HVACR



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6. **VRF hybrid systems**
7. Compensation Method
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Coffee
break

6. VRF hybrid systems

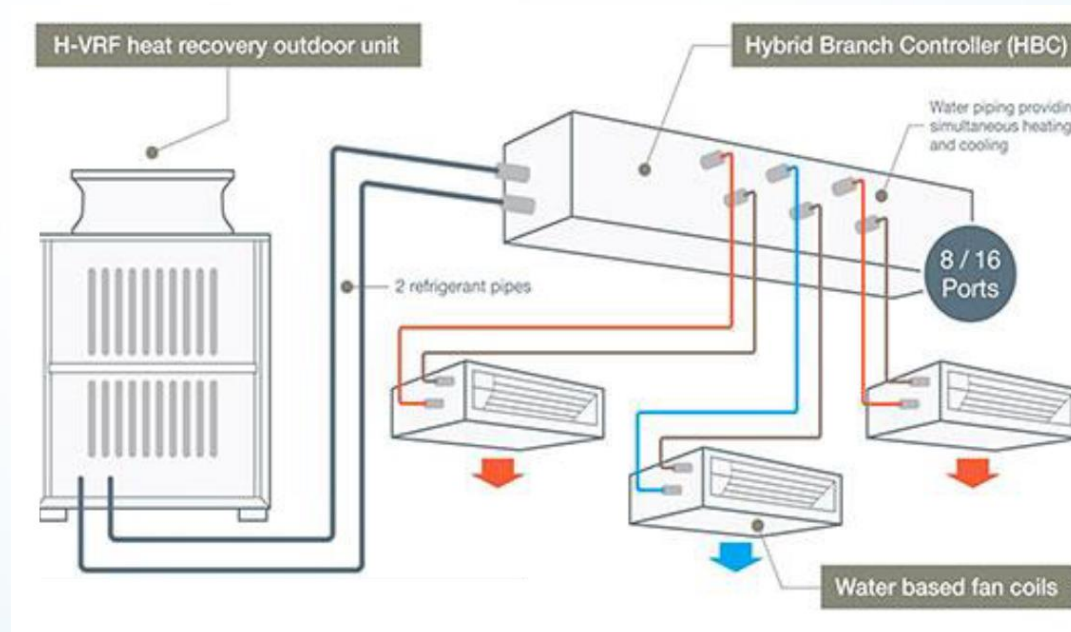
Exchange on definition and classification of VRF hybrid systems

Could the Hybrid VRF be considered as a chiller?

Hybrid VRF is all package system.
Hybrid VRF system cannot control the water temperature and cannot operate as a system without designated indoor unit.

***Hybrid VRF is into the category of VRF, not chiller (LCP).**

Hybrid VRF uses water, but only instead of the refrigerant.



Only designated indoor unit.

A general FCU cannot be connected, because the outdoor unit and indoor unit are all controlled by own control.

***The system does not operate without the indoor unit.**

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Coffee
break

7. Updates and exchange on BAM activities

Compensation Method

- BAM is a senior scientific and technical federal authority with responsibility to the German Federal Ministry for Economic Affairs and Climate Action (BMWK)
- Speaker: Mr. André Wachau



8. Upcoming agenda items

Some proposals for the next meetings



- Updates on the revision of Ecodesign 2015/1095 and 2015/1094 (Energy Labelling) – consultation forum 28 November 2022, PG-RDC is following the topic
- SCIP notification
- Environmental Product Declaration (EPD) and Product Category Rules (PCR)

9. Announcement, updates on Eurovent activities

Eurovent Task Force on PEF/EPDs



**The Eurovent Commission on 2 September
identified PEF/EPD as a priority for the near future
And consequently, a dedicated Taskforce will be set up**

10. Next meeting

2023 CALENDAR

JANUARY						
Su	M	Tu	W	Th	F	Sa
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FEBRUARY						
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MARCH						
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APRIL						
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AUGUST						
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OCTOBER						
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NOVEMBER						
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DECEMBER						
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24	25	26	27	28	29	30
31						

End of meeting

See you soon and enjoy the rest of the **EUROVENTSUMMIT!**

Coffee break

Join us in the foyer

See you again in 30 minutes for the TF-POL!



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