

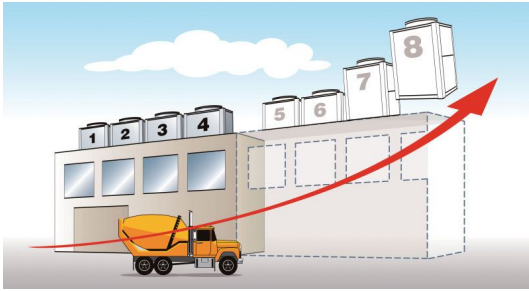
Flex II Air-Cooled Chiller



Cooling capacity: 55-135 kW

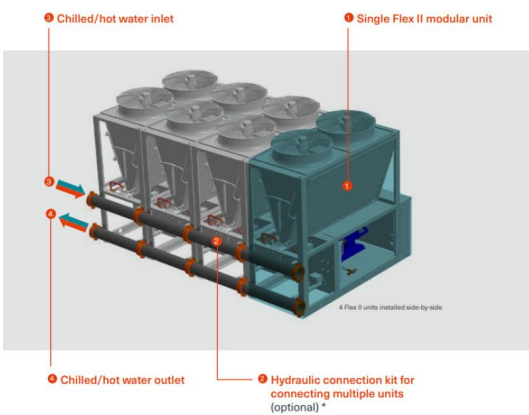
Heating capacity: -----

- High part load efficiency
- Sustainable: very low refrigerant charge microchannel condenser coils
- High flexibility: ability to connect up to six Flex II units of equal or different capacities to one single FlexMaster controller
- Partial or total heat recovery (optional)
- Quiet operation: low vibrations; chillers are available in either low or super low noise version
- Slim design: ideal to fit in elevators for projects with difficult access



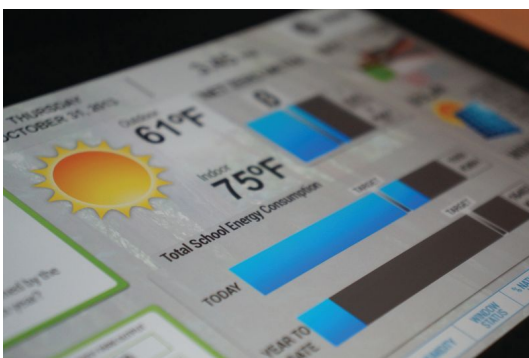
Compact: models just 1 meter wide

Flex II units can be easily lifted and moved. They fit through doorways and into standard elevators, making them a perfect choice for challenging projects involving replacement in older buildings and/or confined spaces.



Ultimate modularity - scalable up to 800 kW cooling capacity

Flex II's modularity is ideal when capacity extension is required as the building demand or process cooling demand evolves. Units can be a combination of chillers and heat pumps.



Superior (seasonal) energy performance

- Low annual operating costs thanks to low electricity usage
- Sustainable HVAC system with low carbon emissions



Large chilled water temperature range

Flex 11 units offer a large operating map to address specific design criteria in applications such as hospitals, office buildings, larger apartment buildings, warehouses and other industrial applications. Leaving chilled water temperatures between -7°C and +25°C.

Range description

- Flex II chillers are available in 11 different cooling capacities. Features can be optimized to suit the building’s size, cooling demand and function.
- Your Trane Sales Engineer will help you select the right chiller based on your specific performance criteria and available (roof) space.

Technical specifications

Cooling capacity	55-135 kW
Heating capacity	-----
Eurovent certification	●
ErP Certification	●
Refrigerants	R454B R410A
Operating mode	Cooling only
Energy saving	Heat recovery
Compressor	Scroll

Product data

FLEX II AIR COOLED CHILLER R454B

	Pc (1) kW	Pec (1) kW	EER (1)	SEER (2)	η_{sc} (2) %	LwO (3) dB(A)	Refrigerant	L (4) mm	W (4) mm	H (4) mm	OW (4) kg
FLEX II R454B 55	52,1	16,2	3,21	4,37	172,0	81	R454B	2489	1004	2408	589
FLEX II R454B 60	57,8	18,4	3,15	4,25	167,0	82	R454B	2489	1004	2408	596
FLEX II R454B 65	61,2	19,7	3,10	4,24	167,0	82	R454B	2489	1004	2408	599
FLEX II R454B 70	64,0	21,1	3,03	4,12	162,0	82	R454B	2489	1004	2408	611
FLEX II R454B 75	69,9	22,8	3,07	4,25	167,0	83	R454B	2489	1004	2408	637
FLEX II R454B 77	73,3	24,4	3,01	4,15	163,0	83	R454B	2489	1004	2408	639
FLEX II R454B 80	76,2	26,0	2,93	4,10	161,0	84	R454B	2489	1004	2408	642
FLEX II R454B 115	107,4	34,7	3,10	4,21	165,0	87	R454B	2489	1004	2408	827
FLEX II R454B 125	116,7	38,8	3,01	4,20	165,0	87	R454B	2489	1004	2408	830
FLEX II R454B 135	125,5	43,1	2,91	4,10	161,0	87	R454B	2489	1004	2408	834

Pc: Cooling capacity

SEER: Seasonal Energy Efficiency Ratio

Refrigerant: Refrigerant type

H: Height

Pec: Total power input in cooling

η_{sc} : Seasonal space cooling energy efficiency

L: Length

OW : Operating Weight

EER: Energy Efficiency Ratio (cooling)

LwO: A-weighted sound power level outside

W: Width

(1): Cooling: outdoor air temperature 35°C and chilled water temperature 12°C/7°C. (EN 14511:2022)

(2): Ecodesign rating for comfort chiller - Fan coil application. Outdoor air temperature 35°C and chilled water temperature in/ out: 12°C/7°C. η_{sc} /SEER as defined in Ecodesign requirements for Comfort Chillers with 2000 kW maximum capacity - REGULATION (EU) N° 2016/2281 of 20 December 2016.

(3): According ISO 9614:2009. Eurovent conditions, with 1pW reference sound power (without accessories)

(4): Basic unit without accessories

Improve Operations

Technology is continuously evolving and Trane Engineering is ahead of the curve in bringing innovation into product development. Our sustainable solutions deliver enhancements to the Trane installed base to make your chillers and heat pumps even "better than before". That's Trane Building Advantage - TBA.

Trane Rental Services

Cooling and heating are services, not products. A process or a building does not need a chiller or a boiler sitting on a roof, but a reliable and efficiency supply of cold or hot water, cold or warm air. This is the essence of what we do at Trane Rental Services. Let us take care of it for you.



Read more <https://trane.eu/rental>

Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.eu or tranetechnologies.com.