

Husky 35 / 40 / 45

High-Capacity Roof Mount HVAC Unit

The Husky product family of inline roof mount air conditioning units has been enhanced to meet the demanding and varied demands of the global bus market. The lightweight, high-capacity heavy duty transit bus roof mount unit provides improved overall fuel consumption, enhanced reliability, reduced life cycle, service costs compared to its predecessors. Three capacity versions will suit perfectly the demanding heavy duty large bus roof mount applications.

Microchannel Heat Exchangers (MCHX) and light weight design allows lowest possible weight. High part similarity with all members of the product family, very flexible interface to the bus roof and optimal accessibility to service parts perfectly meets bus producer and bus operator expectations. For the maximum passenger and driver comfort, the Husky product family systems are coupled with BBC's advanced control system.

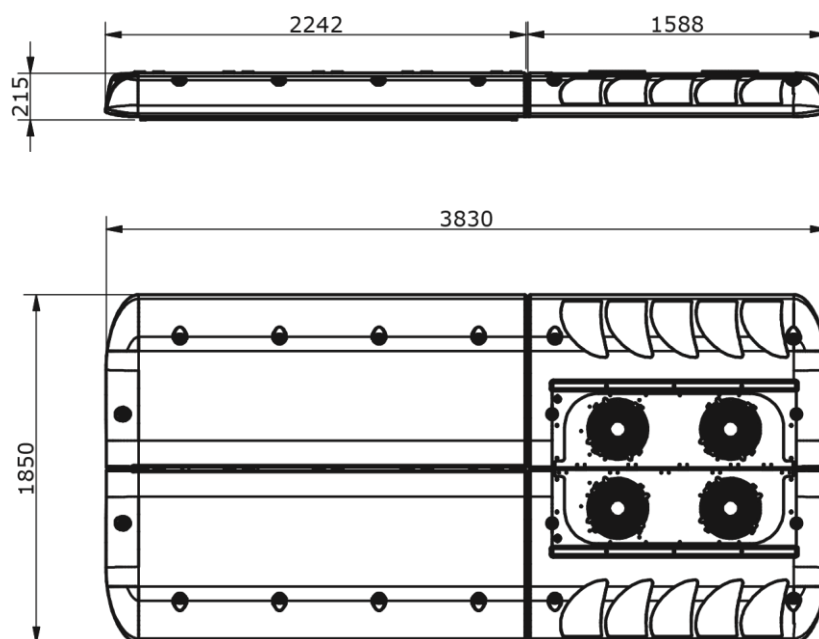


Features

- Slim design
- Condensing section designed for optimal airflow allows use in high ambient condition; Can face front or rear
- Air filter, filter drier, TXV accessible from return air opening/blowers, coils from with hinged two-piece cover
- Long-life brushless blowers & fans
- Compact design, MCHX condenser
- 3 cooling capacity variants
- One roof interface for all variants, different roof adaptors
- Options: 40% Fresh air, articulated version, Control Options from basic to advanced
- Refrigeration (suction, discharge), heating (glycol), front box connection flexible left or right

Benefits

- Modern appearance, good aerodynamics
- High efficiency. Allows the best performance in high ambient condition Allow for easy weight distribution
- Saves time for seasonal maintenance or other service
- High reliability and efficiency, up to 40.000 hours life cycle
- Low weight, environmentally friendly
- Can be used for different climate zones
- Same fixation points in the roof structure, fits for roof curvatures. From flat to 6m
- High flexibility
- Easy to apply to any bus model, variant



Technical Data

	Husky 35	Husky 40	Husky 45
Cooling capacity @ MAX ^[1]	34 kW (116,012 BTU; 29,234 Kcal/h)	44 kW (150,134 BTU; 37,833 Kcal/h)	50 kW (170,607 BTU; 42,992 Kcal/h)
Cooling capacity @ ARI ^[2]	28 kW (95,540 BTU; 24,075 Kcal/h)	38 kW (129,661 BTU; 32,674 Kcal/h)	44 kW (150,134 BTU; 37,833 Kcal/h)
Heating capacity (Q80)	35 kW (119,425 BTU; 30,094 Kcal/h)	38 kW (129,661 BTU; 32,674 Kcal/h)	38 kW (129,661 BTU; 32,674 Kcal/h)
Length x Width x Height	3830 mm x 1850 mm x 215 mm	3830 mm x 1850 mm x 215 mm	3830 mm x 1850 mm x 215 mm
Weight	175 kg	180 kg	195 kg
Refrigerant	R134a	R134a	R134a
Airflow (Max)	6600 m ³ /h (3,884 CFM)	6600 m ³ /h (3,884 CFM)	8800 m ³ /h (5,200 CFM)
Number of Blowers	6	6	8
Number of Fans	4	4	6
Current Draw (Max)	94 A	94 A	128 A
Current Draw (Nom)	61 A	61 A	83 A

[1] Maximum cooling condition (MAX) ti 40 °C/ ta 35 °C/ 50%

[2] Nominal cooling condition (ARI) ti 27 °C/ ta 35 °C/ 50%