

Abbi Multi Unit

The Abbi Multi Unit for milking parlours has an integrated fan and draws fresh outside air into the milking parlour. The air can be directed in six different directions for optimal cooling through a unique distribution unit with adjustable valves.

The Multi Unit is usually suspended from a central point in the milking parlour. The air can be aimed directly at the cows or horizontally in all directions. In this case, the effective surface area is 100m². This improves the climate conditions in the milking parlour, cools the cows and chases away flies. The desired air speed can be adjusted with a manual controller.

The Multi Unit is also a great solution in dairy barns with low ceilings or in musty corners of the barn where working with fans is not a suitable option. An example of such a situation might be low-ceilinged parts of an old barn adjacent to a new barn.

Extra cooling through misting

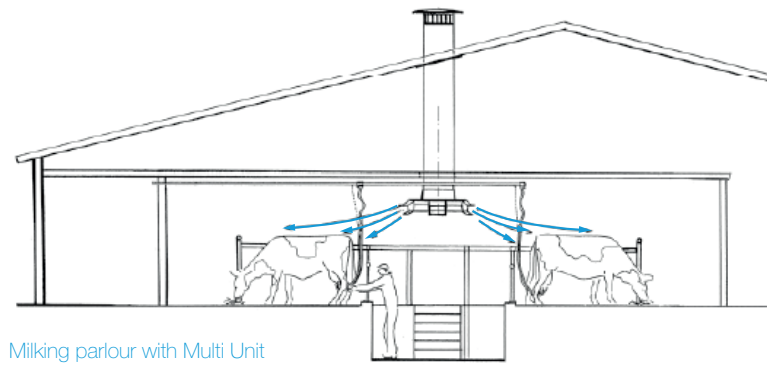
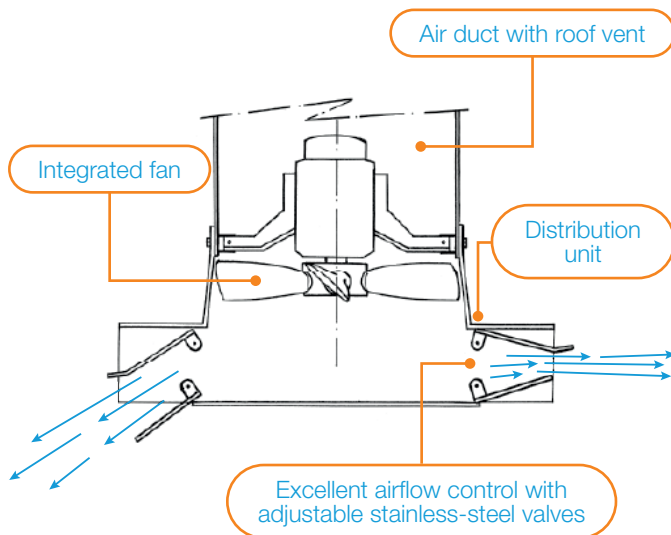
For misting (see also page 5), the Multi Unit has a ring with nozzles. The ring is connected to a high-pressure pump to produce very fine droplets. This method can decrease the air temperature by as much as 8°C.

Heating

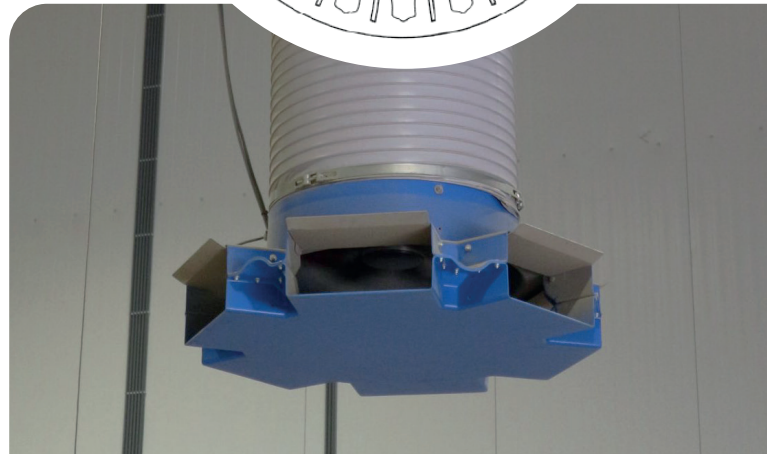
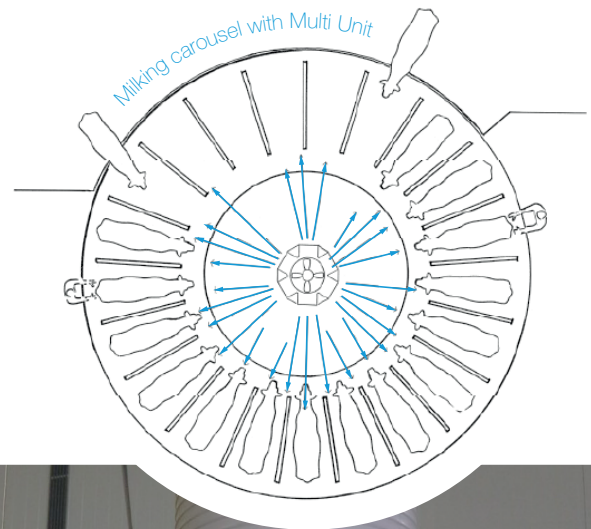
A heating element can also be built into the Multi Unit, creating a frost-free environment in the winter.

Recirculation

Fresh outside air is usually drawn in through the air duct before being distributed in the milking parlour. You may also choose to recirculate the air, in which case, an additional 50-60cm of mounted duct should be sufficient.



Milking parlour with Multi Unit



PRODUCT SPECIFICATIONS

Distribution unit:	6 outputs (plastic) with adjustable valves (stainless steel)
Air displacement:	10,400m ³ /h
Voltage*:	400V/3-phase
Frequency:	50Hz
Max. energy consumption:	570W
Max. current:	1.4A
Propeller rotational speed.:	max. 920rpm
External dimensions:	830x860x535mm
Duct diameter:	63cm
Duct length:	1m (recirculation) or 3m with roof vent and rain cap

* Also available in a 230V/1-phase option

YOUR ADVANTAGES

- Fresh air in the milking parlour and the dairy barn
- Keeps the animals and the milker free from flies
- Misting option
- Heating option
- Air recirculation option