

**performance****performance**

maximum flow rate	Nm <sup>3</sup> /h	86
temperature class	-	T1
ATEX classification of gas	-	non explosive

**conditions****gas condition at gas outlet**

pressure	barg	5.2 - 6 barg
maximum temperature	°C	55
maximum dew point	°C	35

**gas condition at suction**

minimum pressure (upstream of blower)	mbarg	0
maximum pressure	mbarg	70
minimum temperature	°C	2
maximum temperature	°C	40
maximum dew point	°C	40
liquid water	l/h	< 5

**ambient condition**

ATEX classification of area		no classification
maximum ambient temperature	°C	40
minimum ambient temperature	°C	-20

**dimensions****physical dimensions (without blower and chiller)**

length	mm	1643
width	mm	1014
height	mm	1506
weight (approx.)	kg	800
noise (approx.)	dBA	83

**service area (without blower and chiller)**

minimum service area length	mm	2843
minimum service area width	mm	3114 (2714)
minimum service area height	mm	2000

**connections and supply****physical dimensions**

gas inlet flange	DN	65
gas outlet flange to microturbines	DN	25
cooling water inlet	Rp	1"
cooling water outlet	Rp	1"
cooling water inlet temperature	°C	10
needed cooling power	kW	6.5
recommended installed cooling power (min.)	kW	10
condensate drain flange	Rp	½"
vent line	Rp	1"

**electrical****electrical power consumption (including blower but without chiller)**

prefuse	A	32 C
main terminals	mm <sup>2</sup>	5 x 16
maximum power consumption	kW	16.8
nominal power consumption at 86Nm <sup>3</sup> /h	kW	12.8