		lioutore com	mission Regulation (EU) No 813/2013	
Indoor Unit Model	Vitocal 111-S AWBT-M-E-AC 111.B0	6 F		
Outdoor Unit Model	Vitocal 100-S ODU 230V B06		C	
Equipped with a supplementary heater	yes		VIESMA	
Heat pump combination heater	yes		VIESMA	
Application	Low temperature		_	
Application Climate conditions	Average			
	Arenage			
Rated heat output	Prated 5.1	kW	Seasonal space heating energy efficiency	η _s 175% %
Declared capacity for heating for part load a	t indoor temperature 20 °C and outdoor		Declared coefficient of performance for part load at indoor to	emperature 20 °C and outdoor
temperature Tj			temperature Tj	
		_ I		
$T_j = -7 °C$	Pdh 4.5	kW	$T_j = -7 \degree C$	COP _d 2.9
$T_j = + 2 °C$ $T_i = + 7 °C$	Pdh <u>3.0</u> Pdh <u>3.1</u>	kW kW	$T_j = + 2 °C$ $T_i = + 7 °C$	COP _d 4.3 COP _d 5.9
$T_i = + 12 °C$	Pdh 3.6	kW	$T_{i} = + 12 \text{ °C}$	COP _d 8.4
T _i = bivalent temperature	Pdh 4.5	kW	$T_i = bivalent temperature$	COP _d 2.9
T _i = operation limit temperature	Pdh 4.1	kW	T _i = operation limit temperature	COP _d 2.6
T _j = - 15 °C (if TOL < -20 °C)	Pdh -	kW	T _j = - 15 °C (if TOL < -20 °C)	COP _d -
Bivalent temperature	T _{biv} -7	°C	Operation limit temperature	TOL <u>-20</u> °C
Cycling interval capacity for heating	Pcych -	kW	Cycling interval efficiency	COPcyc -
Degradation coefficient	Cdh 0.99		Heating water operating limit temperature	WTOL <u>55</u> °C
L				
Power consumption in modes other than act		I	Supplementary heater	
Off mode	P _{OFF} 0.015	_	Rated heat output	Psup 1.0 kW
Thermostat-off mode Standby mode	P _{TO} 0.000 P _{SB} 0.000	kW kW	Turne of operaty input	Electric
Crankcase heater mode	Р _{SB} 0.000 Р _{CK} 0.000	kW	Type of energy input	Electric
Claincase heater hidde	7 CK 0.000	NVV		
Other items			Dated of flow rate	- m ³ /h
Capacity control Sound power level, indoors/outdoors	L _{WA} 41/62	e dB	Rated air flow rate, outdoors	m ⁻ /n
Annual energy consumption	Q _{HE} 10549			
raniaal energy consumption				
For heat pump combination heater				
Declared load profile	XL	_	Water heating energy efficiency	η _{wh} 133 %
Daily electric consumption	Q _{elec} 5841	kWh	Daily fuel consumption	Q _{fuel} - kWh
Annual electricity consumption	AEC 1251	kWh	Annual fuel consumption	AFC - kWh 53.4 °C
Standby cylinder heat loss	1990	Wh/day	Reference hot water temperature DHW volume accounted for in test	290 I
			Drive volume accounted for intest	230
Application	Medium temperature			
Application Climate conditions	Medium temperature Average			
Application Climate conditions Rated heat output		kW	Seasonal space heating energy efficiency	η _s 125% %
Climate conditions Rated heat output Declared capacity for heating for part load a	Average Prated 4.1			
Climate conditions Rated heat output	Average Prated 4.1		Seasonal space heating energy efficiency Declared coefficient of performance for part load at indoor to temperature Tj	
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj	Average Prated 4.1 t indoor temperature 20 °C and outdoor		Declared coefficient of performance for part load at indoor to temperature Tj	emperature 20 °C and outdoor
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3	κW	Declared coefficient of performance for part load at indoor to temperature Tj Tj = - 7 °C	COP _d 1.9
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj $T_j = -7 \ ^{\circ}C$ $T_j = +2 \ ^{\circ}C$	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7	kW kW	Declared coefficient of performance for part load at indoor to temperature Tj	COP _d 1.9 COP _d 3.2
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj $T_j = -7 \ ^{\circ}C$ $T_j = +2 \ ^{\circ}C$	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3	κW	Declared coefficient of performance for part load at indoor to temperature Tj $T_j = -7 \degree C$ $T_j = +2 \degree C$	COP _d 1.9
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj $T_j = -7 \ ^{\circ}C$ $T_j = +2 \ ^{\circ}C$ $T_j = +7 \ ^{\circ}C$	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7	kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C	COP _d COP _d COP _d COP _d COP _d 4.8
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj $T_j = -7 \degree C$ $T_j = + 2 \degree C$ $T_j = + 7 \degree C$ $T_j = + 12 \degree C$	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3	kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj $T_j = -7 \ ^{\circ}C$ $T_j = +2 \ ^{\circ}C$ $T_j = +7 \ ^{\circ}C$ $T_j = +12 \ ^{\circ}C$	$\begin{array}{c} \text{COP}_{d} \\ \end{array}$
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C)	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.9 Pdh 2.9 Pdh -	kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj $T_j = -7 \ ^\circ C$ $T_j = +2 \ ^\circ C$ $T_j = +12 \ ^\circ C$ $T_j = bivalent temperature$ $T_j = operation limit temperature$ $T_j = -15 \ ^\circ C (if TOL < -20 \ ^\circ C)$	$\begin{array}{c c} COP_d & 1.9 \\ COP_d & 3.2 \\ COP_d & 4.8 \\ COP_d & 6.4 \\ COP_d & 1.9 \\ COP_d & 1.5 \\ COP_d & 1.5 \\ COP_d & - \end{array}$
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = bivalent temperature T _j = operation limit temperature	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 3.6 Pdh 2.9	kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj $T_j = -7 \ ^\circ C$ $T_j = +2 \ ^\circ C$ $T_j = +7 \ ^\circ C$ $T_j = +12 \ ^\circ C$ $T_j = bivalent temperature$ $T_j = operation limit temperature$	$\begin{array}{c c} COP_d \\ 1.9 \\ COP_d \\ 1.5 \\ \end{array}$
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = 0 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating	Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 2.7 Pdh Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.6 Pdh 3.6 Pdh -7 Pcych -7	kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency	COPd COPd COPd 1.9 3.2 4.8 COPd COPd COPd 6.4 6.4 COPd COPd COPd 1.9 1.5 COPd COPd COPd 1.9 - 7 TOL COPd COPcyc - -
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Bivalent temperature	Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 2.7 Pdh Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 2.9 Pdh 3.4 Pdh 3.4 Pdh 3.4 Pdh -7	kW kW kW kW kW kW kW c	Declared coefficient of performance for part load at indoor to temperature Tj $T_j = -7 \ ^{\circ}C$ $T_j = +2 \ ^{\circ}C$ $T_j = +12 \ ^{\circ}C$ $T_j = bivalent temperature$ $T_j = operation limit temperature$ $T_j = -15 \ ^{\circ}C$ (if TOL < -20 \ ^C) Operation limit temperature	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = 0 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating	Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 2.7 Pdh Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.6 Pdh 3.6 Pdh -7 Pcych -7	kW kW kW kW kW kW kW c	Declared coefficient of performance for part load at indoor to temperature Tj $T_j = -7 ^{\circ}C$ $T_j = +2 ^{\circ}C$ $T_j = +7 ^{\circ}C$ $T_j = +12 ^{\circ}C$ $T_j = bivalent temperature$ $T_j = operation limit temperature$ $T_j = -15 ^{\circ}C$ (if TOL < -20 $^{\circ}C$) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature	COPd COPd COPd 1.9 3.2 4.8 COPd 3.2 6.4 COPd COPd COPd 6.4 1.9 COPd 1.9 1.5 COPd 0.2 7 COPd 0
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 2.9 Pdh - Pdh - Pdh - Cdh 0.99 tive mode	kW kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = peration limit temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater	COPd 1.9 COPd 3.2 COPd 6.4 COPd 1.9 COPd 6.4 COPd 1.5 COPd - TOL -20 COPcyc - WTOL 55
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = 0 operation limit temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode	Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 3.6 Pdh 2.9 Pdh -7 Pcych - Cdh 0.99 ive mode Porr 0.015	kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj $T_j = -7 ^{\circ}C$ $T_j = +2 ^{\circ}C$ $T_j = +7 ^{\circ}C$ $T_j = +12 ^{\circ}C$ $T_j = bivalent temperature$ $T_j = operation limit temperature$ $T_j = -15 ^{\circ}C$ (if TOL < -20 $^{\circ}C$) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature	COPd COPd COPd 1.9 3.2 4.8 COPd COPd COPd 6.4 6.4 COPd COPd COPd 1.9 1.5 COPd COPd COPd 1.9 - 7 TOL COPd COPcyc - -
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj $T_j = -7 \ ^{\circ}C$ $T_j = + 2 \ ^{\circ}C$ $T_j = + 12 \ ^{\circ}C$ $T_j = + 12 \ ^{\circ}C$ $T_j = - 15 \ ^{\circ}C$ (if TOL < -20 \ ^{\circ}C) Bivalent temperature $T_j = - 15 \ ^{\circ}C$ (if TOL < -20 \ ^{\circ}C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode	Average Prated 4.1 I indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.9 Pdh - 7 Pcych Cdh 0.99 Pdh - ive mode Porr 0.015 0.000	kW kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output	Propertive 20 °C and outdoor COPd 1.9 COPd 3.2 COPd 4.8 COPd 6.4 COPd 1.9 COPd 1.5 COPd 7.20 COPd -20 COPcyc - WTOL 55 °C Psup 1.2 KW
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = -7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 3.6 Pdh 3.6 Pdh - Pdh - - - Cdh 0.99 - - Ver mode P 0.000 0.000	kW kW kW kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = peration limit temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater	COPd COPd COPd COPd COPd COPd COPd COPd
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj $T_j = -7 \ ^{\circ}C$ $T_j = + 2 \ ^{\circ}C$ $T_j = + 12 \ ^{\circ}C$ $T_j = + 12 \ ^{\circ}C$ $T_j = - 15 \ ^{\circ}C$ (if TOL < -20 \ ^{\circ}C) Bivalent temperature $T_j = - 15 \ ^{\circ}C$ (if TOL < -20 \ ^{\circ}C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode	Average Prated 4.1 I indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.9 Pdh - 7 Pcych Cdh 0.99 Pdh - ive mode Porr 0.015 0.000	kW kW kW kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output	COPd 1.9 COPd 3.2 COPd 4.8 COPd 6.4 COPd 1.5 COPd -20 COPd -55 VTOL 55 Psup 1.2
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 3.6 Pdh 3.6 Pdh - Pdh - - - Cdh 0.99 - - Ver mode P 0.000 0.000	kW kW kW kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output	COPd 1.9 COPd 3.2 COPd 4.8 COPd 6.4 COPd 1.5 COPd -20 COPd -55 VTOL 55 Psup 1.2
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode Other items	Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 9dh 3.3 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh - Tbiv -7 Pcych - Cdh 0.99 tive mode Porr Pox 0.000 P se 0.000 P se 0.000	kW kW kW kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = peration limit temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output Type of energy input	Properture 20 °C and outdoor COPd 1.9 COPd 3.2 COPd 6.4 COPd 1.9 COPd 1.9 COPd 1.5 COPd -20 COPc - WTOL 55 °C Psup 1.2 KW Electric
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = -7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = -0 or C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode Other items Capacity control	Prated 4.1 I indoor temperature 20 °C and outdoor Pdh 9dh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.3 Pdh 3.6 Pdh - Pdh - Pdh - Cdh 0.99 Pive - Cdh 0.99 tive mode P P or 0.000 P s8 0.0000 P ck 0.0000	kW kW kW kW kW kW kW kW kW kW kW kW kW k	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output	COPd 1.9 COPd 3.2 COPd 4.8 COPd 6.4 COPd 1.5 COPd -20 TOL -20 WTOL 55 Psup 1.2
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode Other items	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.9 Pdh -7 Pcych - Cdh 0.99 tive mode PorF P_{OFF} 0.000 P_{OK} 0.000 P_{OK} 0.000 P_{OK} 0.000 P_{CK} 0.000	kW kW kW kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = peration limit temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output Type of energy input	Propertive 20 °C and outdoor COPd 1.9 COPd 3.2 COPd 4.8 COPd 6.4 COPd 1.9 COPd 1.5 COPd 7.20 COPd 7.20 COPcyc - WTOL 55 °C Psup 1.2 KW Electric
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 2 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode Other items Capacity control Sound power level, indoors/outdoors	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 3.6 Pdh 3.6 Pdh - Tbit -7 Pcych - Cdh 0.99 ive mode PoFF Pro 0.000 P ck 0.000 P ck 0.000 P ck 0.000 P ck 0.000	kW kW kW kW kW kW kW kW kW kW kW kW kW k	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = peration limit temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output Type of energy input	Propertive 20 °C and outdoor COPd 1.9 COPd 3.2 COPd 4.8 COPd 6.4 COPd 1.9 COPd 1.5 COPd 7.20 COPd 7.20 COPcyc - WTOL 55 °C Psup 1.2 KW Electric
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj $T_j = -7 \ ^{\circ}C$ $T_j = + 2 \ ^{\circ}C$ $T_j = + 12 \ ^{\circ}C$ $T_j = + 12 \ ^{\circ}C$ $T_j = - 15 \ ^{\circ}C$ (if TOL < -20 \ ^{\circ}C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.9 Pdh -7 Pcych - Cdh 0.99 tive mode PorF P_{OFF} 0.000 P_{OK} 0.000 P_{OK} 0.000 P_{OK} 0.000 P_{CK} 0.000	kW kW kW kW kW kW kW kW kW kW kW kW kW k	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = peration limit temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output Type of energy input	Propertive 20 °C and outdoor COPd 1.9 COPd 3.2 COPd 4.8 COPd 6.4 COPd 1.9 COPd 1.5 COPd 7.20 COPd 7.20 COPcyc - WTOL 55 °C Psup 1.2 KW Electric
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 2 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode Other items Capacity control Sound power level, indoors/outdoors	Average Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.9 Pdh -7 Pcych - Cdh 0.99 tive mode PorF P_{OFF} 0.000 P_{OK} 0.000 P_{OK} 0.000 P_{OK} 0.000 P_{CK} 0.000	kW kW kW kW kW kW kW kW kW kW kW kW kW k	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output Type of energy input Rated air flow rate, outdoors	copd 1.9 copd 3.2 copd 6.4 copd 1.5 copd - rol -
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj $T_j = -7 °C$ $T_j = + 2 °C$ $T_j = + 12 °C$ $T_j = bivalent temperature$ $T_j = 0 peration limit temperature$ $T_j = -15 °C (if TOL < -20 °C)$ Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption	Prated 4.1 I indoor temperature 20 °C and outdoor Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh - 7 Pcych Cdh 0.99 Pdh - Por Cdh 0.99 0.000 P s8 0.000 P ck 0.000 P ck 0.000 P ck 0.000 P ck 0.000 0.000 0.000	kW kW kW kW kW kW kW kW kW kW kW kW kW k	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = peration limit temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output Type of energy input	copd 1.9 copd 3.2 copd 4.8 copd 6.4 copd 1.9 copd 1.9 copd 6.4 copd 1.5 copd -20 roL -20 cOPcvc - WTOL 55 °C Psup 1.2 kW Electric
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < - 20 °C) Bivalent temperature Cycling interval capacity for heating Degradation coefficient Power consumption in modes other than act Off mode Thermostat-off mode Standby mode Crankcase heater mode Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption	Prated 4.1 t indoor temperature 20 °C and outdoor Pdh 9dh 2.7 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh - Pdh - Pdh - Cdh 0.99 Pdh - Cdh 0.99 ive mode P P ro 0.000 P ck 8383	kW kW kW kW kW kW kW kW kW kW kW kW kW	Declared coefficient of performance for part load at indoor to temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 7 °C T _j = + 12 °C T _j = bivalent temperature T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output Type of energy input Rated air flow rate, outdoors Water heating energy efficiency	Properature 20 °C and outdoor COP _d 1.9 COP _d 3.2 COP _d 6.4 COP _d 1.9 COP _d 1.5 COP _d - TOL -20 COPcyc - WTOL 55 °C Psup 1.2 kW Electric - n ³ /h
Climate conditions Rated heat output Declared capacity for heating for part load a temperature Tj T _j = - 7 °C T _j = + 2 °C T _j = + 12 °C T _j = operation limit temperature T _j = - 15 °C (if TOL < -20 °C)	Prated 4.1 t indoor temperature 20 °C and outdoor Pdh Pdh 3.3 Pdh 2.7 Pdh 2.7 Pdh 3.3 Pdh 3.6 Pdh 2.9 Pdh - Pdh 3.6 Pdh - Pdh - Cdh 0.99 Pdh - Cdh 0.99 ive mode P P ro 0.000 P ck 0.000 P cx 0.000 P cx 0.000 Q HE 8383 Q elec XL S814 5814	kW kW kW kW kW kW kW kW kW kW kW kW kW k	Declared coefficient of performance for part load at indoor to temperature Tj T _i = - 7 °C T _j = + 2 °C T _j = + 2 °C T _j = + 12 °C T _j = peration limit temperature T _j = - 15 °C (if TOL < -20 °C) Operation limit temperature Cycling interval efficiency Heating water operating limit temperature Supplementary heater Rated heat output Type of energy input Rated air flow rate, outdoors Water heating energy efficiency Daily fuel consumption	Pemperature 20 °C and outdoor COPd 1.9 COPd 3.2 COPd 6.4 COPd 1.9 COPd 6.4 COPd - COPd - COPd - COPd - COPd - COPd - COPcyc - TOL -20 COPcyc - Psup 1.2 KW Electric

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