

# therm-1-Series



**ACCESSORY STORAGE**  
neat storage for high pressure gun and lances

**CONVENIENT INTEGRATED HOSE REEL (VARIANTE)**  
space-saving storage of the high-pressure hose with twist stop screw connection

**REMOVABLE COVERS**  
convenient and easy service access

**DIGITAL CONTROL PANEL**  
digital temperature regulation with 2 different operation modes

**VISUAL FLAME MONITORING AND OVERHEATING PROTECTION**



# 634410 therm 895-1

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**EQUIPMENT**

Quick release plug-in system D12

- Kränzle axial pump
- Total-stop system with delayed motor cut-off
- Safety shutdown
- Pressure regulation
- Cleaning Agent Intake
- Locking brake
- Direct suction (therm 895-1, therm 1165-1): Suction height 2.5 m
- Water tank: Volume 12 liters

**EQUIPMENT HOT WATER**

- Digital thermostat
- Flow monitor
- Combustion chamber pre-ventilation
- Visual flame monitoring
- Overheating protection (exhaust temperature in excess of 260 °C)
- Burner stops when there is a lack of heating oil
- Operating hours meter
- Fuel tank: 35 liters



# 42280

**VARIANT - NON-MARKING**

<b>NOM conversion kit</b> Version without drum	Ord.no.	<b>42280</b>
<b>NOM conversion kit</b> Version with drum	Ord.no.	<b>42281</b>

MODEL	therm 635-1	therm 875-1	therm 895-1	therm 1165-1
Ord.no. without hose drum	<b>634000</b>	<b>634200</b>	<b>634400</b>	<b>634600</b>
Ord.no. incl. hose drum	<b>634010</b>	<b>634210</b>	<b>634410</b>	<b>634610</b>

**TECHNICAL SPECIFICATIONS**

		therm 635-1	therm 875-1	therm 895-1	therm 1165-1
Operating pressure	bar   MPa	30-130   3-13	30-175   3-17.5	30-195   3-19.5	30-165   3-16.5
Water output	l/min   l/h	10.6   635	14.6   875	14.9   895	19.4   1165
Admissible overpressure	bar   MPa	145   14.5	190   19	215   21.5	180   18
Motor speed	Rpm	1400	1400	1400	1400
Connection	V   ~   Hz   A	230   1   50   15	400   3   50   8.7	400   3   50   12	400   3   50   12
Power intake   Power output	kW	3.4   2.3	4.8   4.0	6.4   5.0	6.4   5.0
Power supply cable	m	5	7.5	7.5	7.5
Dimensions L x W x H without hose drum		1050   800   1015	1050   800   1015	1050   800   1015	1050   800   1015
Dimensions L x W x H incl. hose drum	mm	1050   800   1300	1050   800   1300	1050   800   1300	1050   800   1300
Weight without   incl. hose drum	kg	197   205	197   205	214   222	214   222

**TECHNICAL DATA HOT WATER**

		therm 635-1	therm 875-1	therm 895-1	therm 1165-1
Hot water output	°C	12-89	12-87	12-86	12-82
Steam level	°C	145	155	155	155
Oil consumption at max. heating output	kg/h   l/h	5.1   6.1	5.8   6.8	6.0   7.1	7.1   8.5
Heating oil consumption ΔT 45°	kg/h   l/h	3.2   3.8	4.2   5.0	4.3   5.1	5.6   6.6
Heating output	kW	55	60	65	78

**EQUIPMENT**

		therm 635-1	therm 875-1	therm 895-1	therm 1165-1
High-pressure hose without hose drum	m   Ord.no.	10 (DN8)   41081	10 (DN8)   41081	10 (DN8)   41081	10 (DN8)   41081
High-pressure hose incl. hose drum	m   Ord.no.	20 (DN8)   443812	20 (DN8)   443812	20 (DN8)   443812	20 (DN8)   443812
Trigger gun with safety catch	Model   Ord.no.	* Starlet 3   12500	* Starlet 3   12500	* Starlet 3   12500	* Starlet 3   12500
Stainless steel lance with flat-jet nozzle	Nozzle   Ord.no.	● 045   12420-D25045	● 045   12420-D25045	● 045   12420-D25045	● 07   12420-D2507
Water inlet filter	Ord.no.	13310	13310	13310	13310

\* Starlet 3 replaces Starlet short (123272) as of March / April 2022