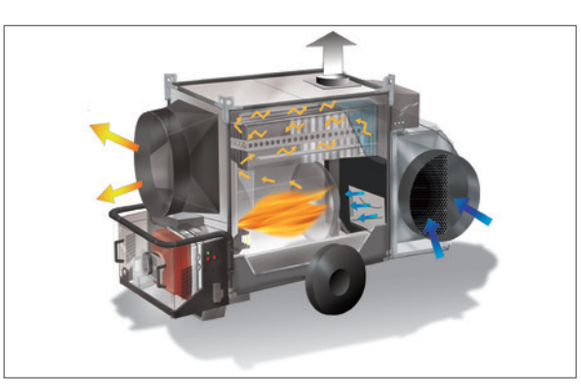
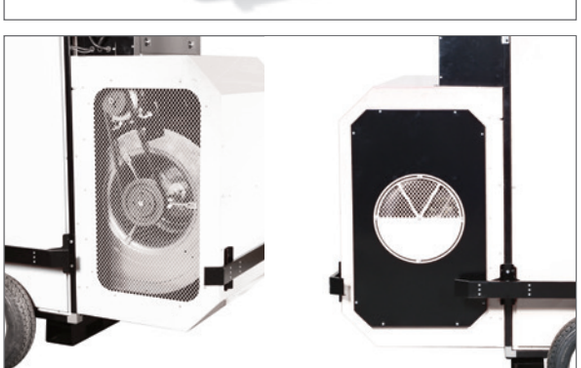
TITAN

INDIRECT COMBUSTION HEAVY DUTY MOBILE SPACE HEATERS WITH CENTRIFUGAL FAN

TITAN - INDIRECT COMBUSTION HEAVY DUTY MOBILE SPACE HEATERS WITH CENTRIFUGAL FAN

- CSA approved for construction, greenhouses and brooders US-C
- Burner cover: protects the burner against blows, dust, water, weather and collect diesel fuel/condensation recovery basin
- The new heat exchanger with the newly designed higher performance fans ensure heat US efficiency of 92%
- Better anchorage to the machine's weight bearing structure through sturdy attachment rods which allow for movement on any floors
- Bearing structure with removable panels for interior washing, also in hanging models
- Panels with reinforcement cross pleats to ensure superior rigidity and strength
- Combustion chamber inspection glass peep-hole
- Exclusive use of metric screws and inserts for fastening, no self-tapping screws
- Protection cap of combustion chamber exhaust in plastic material with retention chains guards
- Ventilator:
  - dust and water IP 55 protection
  - very low noise fan (noise level ≤ 69db at 2 meters)
  - high output, high performance fan guarantees increased air flow and static pressure (300 Pa) for uniform and long distance diffusion of warm air through channels or ducts
  - fan anchorage on machine's bearing structure through sturdy rods
  - adjustable fresh air re-uptake shutter
- Control rear electrical panel (IP 65):
  - located at the top rear of the machine to avoid contact with dust, water, snow
  - supplied with a sturdy metal cover to prevent damage and unauthorized access; also handy for storage of tools, papers, etc;
- Service front electrical panel (IP 65):
  - located at the front of the machine inside the burner cover lid: to prevent contact with dust, water, snow; for easier maintenance; to facilitate controls and maintenance by the operator
- Every main component (fan, burner, thermostats, etc.) is supplied with quick couplings of electrical connections:
  - fast assembly, disassembly and technical maintenance
  - eliminates installation/disassembly mistakes



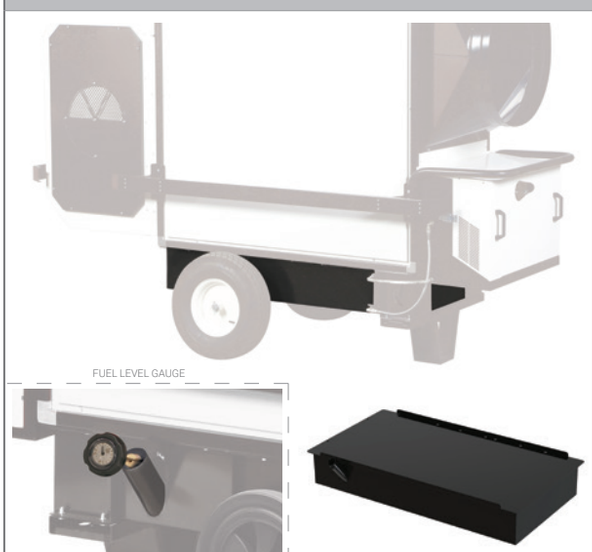


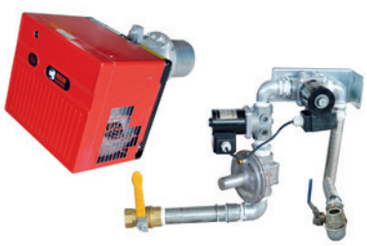
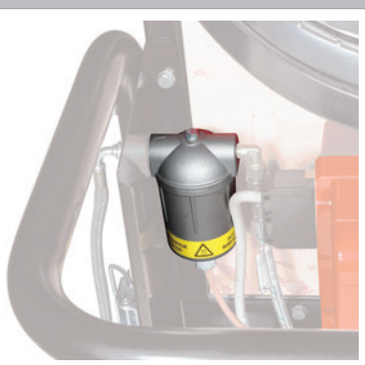
ACCESSORIES ON DEMAND

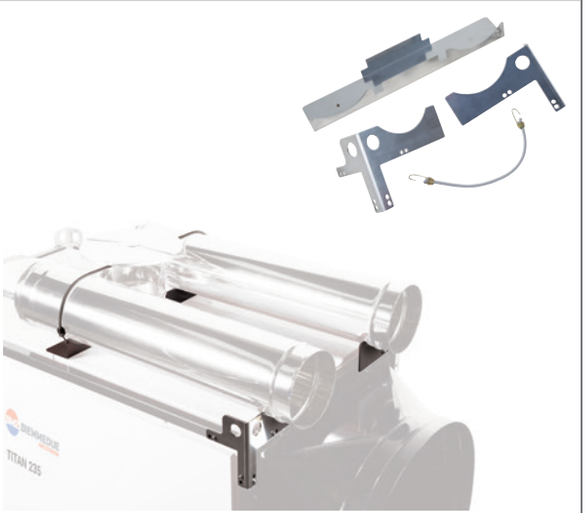
ONE WAY ADAPTER	TWO WAYS ADAPTER
Mod. TITAN 750 - 26" **Cod.** 02AC881	**Mod.** TITAN 750 - 20" + 20" **Cod.** 02AC882
Mod. TITAN 1000 - 28" **Cod.** 02AC891	**Mod.** TITAN 1000 - 24" + 24" **Cod.** 02AC892

FOUR WAYS ADAPTER	FLEXIBLE AIR DUCT
Mod. TITAN 750 - 14" + 14" + 14" + 14" **Cod.** 02AC883	**Mod.** 14" **Cod.** 02AC563
	Mod. 18" **Cod.** 02AC564
	Mod. 20" **Cod.** 02AC566
Mod. TITAN 1000 - 18" + 18" + 18" + 18" **Cod.** 02AC893	**Mod.** 24" **Cod.** 02AC567
	Mod. 28" **Cod.** 02AC568

AIR INLET ADAPTER	REINFORCED FLEXIBLE AIR INLET DUCT
Mod. TITAN 750 - 29” **Cod.** 02AC884	**Mod.** TITAN 750 - 29”, l= 20 ft **Cod.** 02AC798
Mod. TITAN 1000 - 30” **Cod.** 02AC894	**Mod.** TITAN 1000 - 30”, l= 20 ft **Cod.** 02AC804
	Mod. All - Clip for flexible duct (18” - 30”) **Cod.** 02AC663

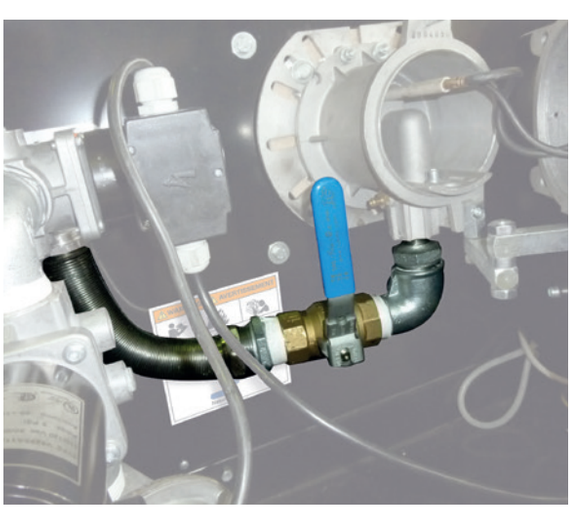
TANK KIT	SIDE BUMPERS KIT
	
Mod. TITAN 750 (capacity= 45 US gal) **Cod.** 02AC857	**Mod.** TITAN 750 **Cod.** 02AC885
Mod. TITAN 1000 (capacity= 53 US gal) **Cod.** 02AC867	**Mod.** TITAN 1000 **Cod.** 02AC895
Mod. Fuel level gauge **Cod.** 02AC510	

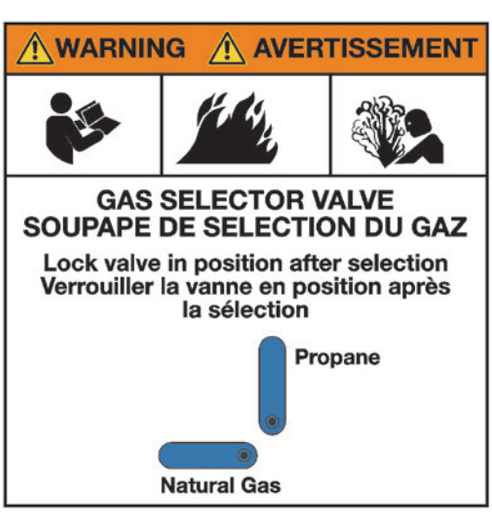
LIFTING KIT	SWIVELLING WHEELS KIT	HEAVY DUTY THERM. -23/+122°F CABLE 32,8', PLUG 90°
Mod. TITAN 750 **Cod.** 02AC856	**Mod.** TITAN 750 - 6" **Cod.** 02AC816	**Cod.** 02AC582
Mod. TITAN 1000 **Cod.** 02AC866	**Mod.** TITAN 1000 - 7" **Cod.** 02AC817	
RIELLO DIESEL BURNER	**RIELLO GAS BURNER + GAS TRAIN**	**TWO-PIPE EXTERNAL FUEL TANK CONNECTION KIT (l=16,4') + QUICK CONNECTIONS KIT**
		
Mod. TITAN 750 **Cod.** 076B205	**Mod.** TITAN 750 **Cod.** 074B108-12	**Mod.** Two-pipe external tank connection kit **Cod.** 02AC668
Mod. TITAN 1000 **Cod.** 076B204	**Mod.** TITAN 1000 **Cod.** 074B110-13	**Mod.** Quick connections kit (M+F x 2) **Cod.** 02AC669
PRE-HEATED FUEL FILTER	**SINGLE PIPE EXTERNAL FUEL TANK CONNECTION KIT WITH DE AERATOR**	**CHIMNEY SUPPORT KIT**
		
Cod. 02AC899	**Cod.** 02AC819	**Mod.** TITAN 750/1000 **Cod.** 02AC814

CHIMNEY HOLDER KIT

Mod. TITAN 750 **Cod.** 02AC854
Mod. TITAN 1000 **Cod.** 02AC864

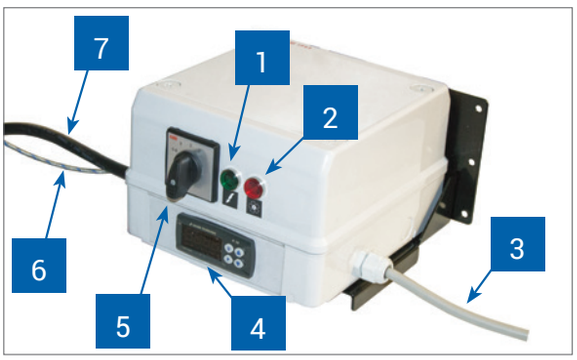
Manual gas valve

Manual gas valve to easily switch between natural gas and propane. Includes safety locking device to keep valve from moving once set.





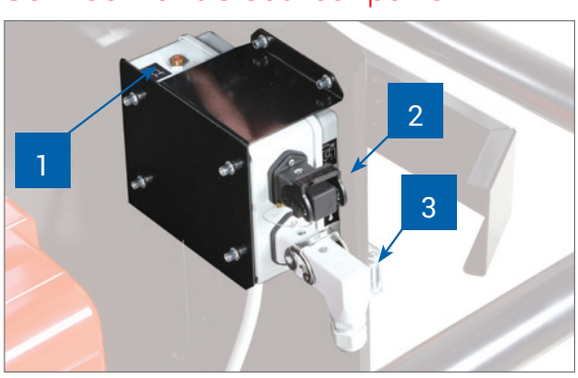
Rear electrical panel

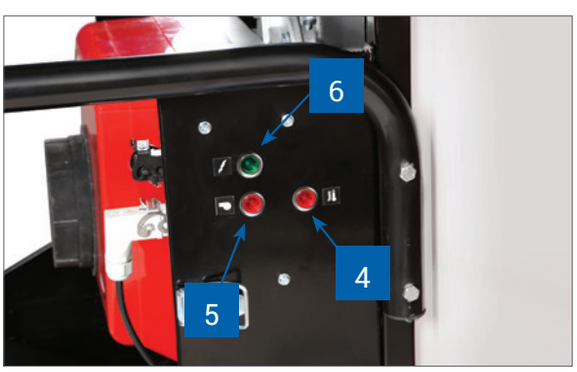


Legend

1 Electrical power supply
2 Motor overheat
3 Motor cable
4 Thermoregulator allows for:
-FAN thermostat setting to control the fan: before heating and after ventilation of combustion chamber
-LIMIT thermostat setting for burner control
-display of machine's hours of work
-temperature of air exiting the outlet
-setting changes with password
5 Switch 4 positions:
O= STOP
V= VENTILATION (FRESH AIR)
H= HEATING
H+V= HEATING WITH CONTINUOUS VENTILATION
6 Heat adjustment probe
7 Power cable

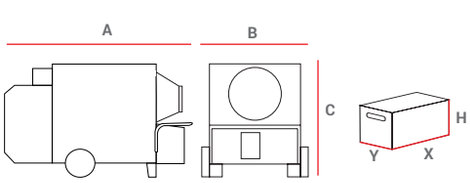
Service front electrical panel





Legend

1 OVERHEATING: safety thermostat in case of overheating, with manual reset
2 Pre-heating filter socket
3 Socket for thermostat ambient/ humidistat/timer
4 Thermostat overheat indicator light (overheating)
5 Burner indicator light
6 Electric power indicator light



WEIGHTS AND DIMENSIONS MACHINE*					PACKAGING			
MOD	A	B	C	Netto/*Net*	X	Y	H	Lordo/*Gross*
	[in]	[in]	[in]	[lb]	[in]	[in]	[in]	[lb]
TITAN 750	95	36.2	63.8	948	-	-	-	-
1/2	-	-	-	-	84.2	31.5	62.8	959
2/2	-	-	-	-	30	15.7	19.7	33
TITAN 1000	103.5	41	72.4	1,179.5	-	-	-	-
1/2	-	-	-	-	91.6	33.9	69.4	1,155.2
2/2	-	-	-	-	32.3	17.7	22	48.5

* Complete machine with burner and one way adapter

TITAN - INDIRECT COMBUSTION HEAVY DUTY MOBILE SPACE HEATERS WITH CENTRIFUGAL FAN

		TITAN 750 OIL*	TITAN 1000 OIL*
code number		02AG282	02AG292
nominal heating power	[BTU/h]	750,000	1,000,000
heating power output	[BTU/h]	692,612	957,553
US heat efficiency	[%]	92.50	93
airflow	[cfm]	9,417.2	11,182.9
available static pressure	[Pa - inwc]	280-1.12	300-1.20
heat rise	[°F]	93.6°	109.8°
diesel consumption	[USA gal/h]	5.33	7.16
natural gas consumption	[cfh]	-	-
input pressure	[inc]	-	-
LPG consumption	[cfh]	-	-
input pressure	[inwc]	-	-
power supply	[V - ph - Hz]	240-1-60	240-1-60
electrical power	[W]	3,850	4,100
flue diameter	[in]	7.87	7.87
air outlet duct diameter /L.max	[in - feet]	1 WAY 28"-150	1 WAY 28"-150
			2 WAYS 24"-90
		2 WAYS 20"-90	4 WAYS 16"-75
		4 WAYS 14"-75	5 WAYS 14"-45
recovery duct diameter /L.max	[in - feet]	29"-30	30"-30
unit/pallet	qty.	1	1
unit/container 20"	qty.	7	6
unit/container 40"	qty.	15	13
unit/container 40" HC	qty.	15	13

		TITAN 750 GAS*	TITAN 1000 GAS*
code number		02AG282	02AG292
nominal heating power	[BTU/h]	750,000	1,000,000
heating power output	[BTU/h]	673,638	917,057
US heat efficiency	[%]	92.50	93
airflow	[cfm]	9,417.2	11,182.9
available static pressure	[Pa - inwc]	280-1.12	300-1.20
heat rise	[°F]	93.6°	109.8°
diesel consumption	[USA gal/h]	-	-
natural gas consumption	[cfh]	721,485	971,518
input pressure	[inc]	8.00	8.00
LPG consumption	[cfh]	290,601	398,883
input pressure	[inc]	12.01	12.01
power supply	[V - ph - Hz]	240-1-60	240-1-60
electrical power	[W]	3,360	4,150
flue diameter	[in]	7.87	7.87
air outlet duct diameter /L.max	[in - feet]	1 WAY 28"-150	1 WAY 28"-150
			2 WAYS 24"-90
		2 WAYS 20"-90	4 WAYS 16"-75
		4 WAYS 14"-75	5 WAYS 14"-45
recovery duct diameter /L.max	[in - feet]	29"-30	30"-30
unit/pallet	qty.	1	1
unit/container 20"	qty.	7	6
unit/container 40"	qty.	15	13
unit/container 40 HC	qty.	15	13

***** Machine without burner